

APPENDIX G

Deposition Predictions at Special Receptors

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Dioxins and Furans (as TEQ Toxic Equivalents) | Polychlorinated Biphenyls (PCB) | Metals | Aluminum | Antimony | Arsenic | Barium | Beryllium | Boron | Cadmium (Cd) | Cadmium and Thallium (Cd + Th) | Chromium (hexavalent) | Total Chromium (and compounds) | Cobalt | Lead (Pb) | Nickel | Phosphorus | Silver | Selenium | Thallium | Tin | | | | | | | | | | | | | | | | | | | | | | | |
|----------|----------------------------|----------|-----------|-------------|----------------------------------|---|---------------------------------|--------|----------|----------|----------|----------|-----------|-------|--------------|--------------------------------|-----------------------|--------------------------------|--------|-----------|--------|------------|--------|----------|----------|------|--|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---|---|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | Vapour (V)/Particulate (P) Phase | P | V | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | Facility Contaminant Emission Rate (g/s) | 2.48E-09 | 2.98E-06 | 1.64E-03 | 1.13E-04 | 1.73E-05 | 8.73E-05 | 1.38E-05 | 6.32E-03 | 2.89E-04 | 1.90E-03 | 1.32E-05 | 9.29E-05 | 2.39E-04 | 2.07E-03 | 3.60E-03 | 1.90E-03 | 1.38E-04 | 1.98E-05 | 1.61E-03 | 7.27E-04 | | |
| 1 | Campground 10 | 678526.8 | 4859996.8 | | | 9.22E-06 | 7.81E-03 | | 6.11 | 0.42 | 0.06 | 0.33 | 0.05 | 23.52 | 1.08 | 7.07 | 0.05 | 0.35 | 0.89 | 7.69 | 13.39 | 7.08 | 0.52 | 0.07 | 6.00 | 2.71 | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | ECO 2 | 675490.4 | 4860360.1 | | | 1.85E-06 | 4.70E-03 | | 1.23 | 0.08 | 0.01 | 0.07 | 0.01 | 4.73 | 0.22 | 1.42 | 9.89E-03 | 0.07 | 0.18 | 1.55 | 2.69 | 1.42 | 0.10 | 0.01 | 1.21 | 0.54 | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Recreational 5 | 681642.0 | 4860349.3 | | | 1.30E-06 | 0.01 | | 0.86 | 0.06 | 9.11E-03 | 0.05 | 7.22E-03 | 3.32 | 0.15 | 1.00 | 6.94E-03 | 0.05 | 0.13 | 1.08 | 1.89 | 1.00 | 0.07 | 0.01 | 0.85 | 0.38 | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | ECO 4 | 676831.5 | 4859840.9 | | | 1.02E-06 | 6.57E-03 | | 0.67 | 0.05 | 7.12E-03 | 0.04 | 5.64E-03 | 2.59 | 0.12 | 0.78 | 5.42E-03 | 0.04 | 0.10 | 0.85 | 1.48 | 0.78 | 0.06 | 8.13E-03 | 0.66 | 0.30 | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Bow. Valley Cons. 3 | 685767.2 | 4863879.0 | | | 1.29E-05 | 4.97E-03 | | 8.55 | 0.59 | 0.09 | 0.45 | 0.07 | 32.92 | 1.51 | 9.90 | 0.07 | 0.48 | 1.25 | 10.76 | 18.74 | 9.91 | 0.72 | 0.10 | 8.39 | 3.79 | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | ECO 6 | 679647.8 | 4859989.3 | | | 2.79E-07 | 5.45E-03 | | 0.18 | 0.01 | 1.95E-03 | 9.82E-03 | 1.55E-03 | 0.71 | 0.03 | 0.21 | 1.49E-03 | 0.01 | 0.03 | 0.23 | 0.40 | 0.21 | 0.02 | 2.23E-03 | 0.18 | 0.08 | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | ECO 7 | 681578.8 | 4862070.1 | | | 1.31E-05 | 0.02 | | 8.69 | 0.60 | 0.09 | 0.46 | 0.07 | 33.46 | 1.53 | 10.06 | 0.07 | 0.49 | 1.27 | 10.93 | 19.05 | 10.07 | 0.73 | 0.10 | 8.53 | 3.85 | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | ECO 8 | 679735.5 | 4861048.6 | | | 1.06E-06 | 0.01 | | 0.70 | 0.05 | 7.44E-03 | 0.04 | 5.90E-03 | 2.71 | 0.12 | 0.81 | 5.67E-03 | 0.04 | 0.10 | 0.89 | 1.54 | 0.82 | 0.06 | 8.50E-03 | 0.69 | 0.31 | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | ECO 9 | 687219.7 | 4864249.3 | | | 9.23E-06 | 4.17E-03 | | 6.12 | 0.42 | 0.06 | 0.33 | 0.05 | 23.54 | 1.08 | 7.08 | 0.05 | 0.35 | 0.89 | 7.69 | 13.40 | 7.08 | 0.52 | 0.07 | 6.00 | 2.71 | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | ECO 10 | 686519.0 | 4861987.6 | | | 1.94E-06 | 6.09E-03 | | 1.28 | 0.09 | 0.01 | 0.07 | 0.01 | 4.94 | 0.23 | 1.49 | 0.01 | 0.07 | 0.19 | 1.62 | 2.82 | 1.49 | 0.11 | 0.02 | 1.26 | 0.57 | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | ECO 11 | 679870.4 | 4859737.9 | | | 2.58E-07 | 3.16E-03 | | 0.17 | 0.01 | 1.81E-03 | 9.09E-03 | 1.43E-03 | 0.66 | 0.03 | 0.20 | 1.38E-03 | 9.68E-03 | 0.02 | 0.22 | 0.37 | 0.20 | 0.01 | 2.06E-03 | 0.17 | 0.08 | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Recreational 4 | 681575.5 | 4860557.7 | | | 1.26E-06 | 0.01 | | 0.84 | 0.06 | 8.84E-03 | 0.04 | 7.01E-03 | 3.22 | 0.15 | 0.97 | 6.74E-03 | 0.05 | 0.12 | 1.05 | 1.83 | 0.97 | 0.07 | 0.01 | 0.82 | 0.37 | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Future Industrial 9 | 680704.5 | 4859857.8 | | | 3.62E-07 | 6.60E-03 | | 0.24 | 0.02 | 2.53E-03 | 0.01 | 2.01E-03 | 0.92 | 0.04 | 0.28 | 1.93E-03 | 0.01 | 0.03 | 0.30 | 0.53 | 0.28 | 0.02 | 2.89E-03 | 0.24 | 0.11 | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Future Industrial 10 | 680608.0 | 4860719.6 | | | 2.25E-07 | 5.72E-03 | | 0.15 | 0.01 | 1.57E-03 | 7.93E-03 | 1.25E-03 | 0.57 | 0.03 | 0.17 | 1.20E-03 | 8.44E-03 | 0.02 | 0.19 | 0.33 | 0.17 | 0.01 | 1.80E-03 | 0.15 | 0.07 | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | Harmony Creek | 673992.4 | 4865641.4 | | | 1.97E-06 | 2.22E-03 | | 1.31 | 0.09 | 0.01 | 0.07 | 0.01 | 5.04 | 0.23 | 1.51 | 0.01 | 0.07 | 0.19 | 1.65 | 2.87 | 1.52 | 0.11 | 0.02 | 1.28 | 0.58 | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | Farewell Creek | 678079.2 | 4868822.7 | | | 1.57E-06 | 2.24E-03 | | 1.04 | 0.07 | 0.01 | 0.06 | 8.73E-03 | 4.01 | 0.18 | 1.21 | 8.39E-03 | 0.06 | 0.15 | 1.31 | 2.28 | 1.21 | 0.09 | 0.01 | 1.02 | 0.46 | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | Farm A | 681378.6 | 4860335.0 | | | 1.35E-06 | 0.01 | | 0.89 | 0.06 | 9.43E-03 | 0.05 | 7.48E-03 | 3.44 | 0.16 | 1.03 | 7.19E-03 | 0.05 | 0.13 | 1.12 | 1.96 | 1.03 | 0.08 | 0.01 | 0.88 | 0.40 | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | Farm B | 682883.4 | 4864219.7 | | | 1.14E-06 | 8.17E-03 | | 0.75 | 0.05 | 7.96E-03 | 0.04 | 6.31E-03 | 2.90 | 0.13 | 0.87 | 6.06E-03 | 0.04 | 0.11 | 0.95 | 1.65 | 0.87 | 0.06 | 9.10E-03 | 0.74 | 0.33 | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | Farm C | 678929.2 | 4865530.2 | | | 2.56E-06 | 3.55E-03 | | 1.69 | 0.12 | 0.02 | 0.09 | 0.01 | 6.52 | 0.30 | 1.96 | 0.01 | 0.10 | 0.25 | 2.13 | 3.71 | 1.96 | 0.14 | 0.02 | 1.66 | 0.75 | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | Zoo | 687216.8 | 4864835.3 | | | 8.02E-06 | 4.15E-03 | | 5.32 | 0.37 | 0.06 | 0.28 | 0.04 | 20.46 | 0.94 | 6.15 | 0.04 | 0.30 | 0.77 | 6.69 | 11.65 | 6.16 | 0.45 | 0.06 | 5.22 | 2.35 | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | Cedar Crest Beach | 686652.1 | 4861660.9 | | | 1.68E-06 | 7.29E-03 | | 1.11 | 0.08 | 0.01 | 0.06 | 9.31E-03 | 4.27 | 0.20 | 1.29 | 8.94E-03 | 0.06 | 0.16 | 1.40 | 2.43 | 1.29 | 0.09 | 0.01 | 1.09 | 0.49 | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | Darlington Prov Park Beach | 677844.6 | 4859718.2 | | | 1.08E-06 | 5.73E-03 | | 0.71 | 0.05 | 7.53E-03 | 0.04 | 5.97E-03 | 2.74 | 0.13 | 0.83 | 5.74E-03 | 0.04 | 0.10 | 0.90 | 1.56 | 0.83 | 0.06 | 8.61E-03 | 0.70 | 0.32 | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | OPG 1 | 682258.1 | 4860045.0 | | | 2.06E-06 | 0.01 | | 1.36 | 0.09 | 0.01 | 0.07 | 0.01 | 5.25 | 0.24 | 1.58 | 0.01 | 0.08 | 0.20 | 1.71 | 2.99 | 1.58 | 0.11 | 0.02 | 1.34 | 0.60 | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | OPG 2 | 682551.4 | 4859889.1 | | | 7.31E-06 | 0.01 | | 4.84 | 0.33 | 0.05 | 0.26 | 0.04 | 18.64 | 0.85 | 5.61 | 0.04 | 0.27 | 0.71 | 6.09 | 10.62 | 5.61 | 0.41 | 0.06 | 4.75 | 2.14 | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | OPG 3 | 682824.6 | 4859759.3 | | | 2.07E-05 | 0.01 | | 13.72 | 0.95 | 0.14 | 0.73 | 0.11 | 52.80 | 2.42 | 15.87 | 0.11 | 0.78 | 2.00 | 17.25 | 30.06 | 15.89 | 1.16 | 0.17 | 13.46 | 6.07 | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | OPG 4 | 683021.6 | 4859937.3 | | | 2.41E-05 | 0.01 | | 15.98 | 1.10 | 0.17 | 0.85 | 0.13 | 61.50 | 2.81 | 18.49 | 0.13 | 0.90 | 2.33 | 20.10 | 35.02 | 18.51 | 1.35 | 0.19 | 15.68 | 7.07 | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | OPG 5 | 683318.2 | 4859677.8 | | | 2.50E-05 | 9.71E-03 | | 16.59 | 1.14 | 0.18 | 0.88 | 0.14 | 63.87 | 2.92 | 19.20 | 0.13 | 0.94 | 2.42 | 20.87 | 36.37 | 19.22 | 1.40 | 0.20 | 16.28 | 7.35 | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | OPG 6 | 683306.9 | 4860023.0 | | | 2.24E-05 | 0.01 | | 14.84 | 1.02 | 0.16 | 0.79 | 0.12 | 57.11 | 2.61 | 17.17 | 0.12 | 0.84 | 2.16 | 18.66 | 32.52 | 17.19 | 1.25 | 0.18 | 14.56 | 6.57 | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | OPG 7 | 683718.6 | 4859915.8 | | | 2.19E-05 | 0.01 | | 14.50 | 1.00 | 0.15 | 0.77 | 0.12 | 55.79 | 2.55 | 16.77 | 0.12 | 0.82 | 2.11 | 18.23 | 31.77 | 16.79 | 1.22 | 0.18 | 14.22 | 6.42 | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | OPG 8 | 682702.0 | 4859998.6 | | | 1.13E-05 | 0.01 | | 7.51 | 0.52 | 0.08 | 0.40 | 0.06 | 28.90 | 1.32 | 8.69 | 0.06 | 0.42 | 1.09 | 9.44 | 16.45 | 8.70 | 0.63 | 0.09 | 7.37 | 3.32 | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | OPG 9 | 684347.7 | 4861184.6 | | | 4.10E-06 | 9.12E-03 | | 2.72 | 0.19 | 0.03 | 0.14 | 0.02 | 10.46 | 0.48 | 3.15 | 0.02 | 0.15 | 0.40 | 3.42 | 5.96 | 3.15 | 0.23 | 0.03 | 2.67 | 1.20 | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | OPG 10 | 682157.2 | 4861228.2 | | | 3.32E-06 | 0.01 | | 2.20 | 0.15 | 0.02 | 0.12 | 0.02 | 8.48 | 0.39 | 2.55 | 0.02 | 0.12 | 0.32 | 2.77 | 4.83 | 2.55 | 0.19 | 0.03 | 2.16 | 0.97 | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | St Marys 1 | 684557.0 | 4861070.0 | | | 7.36E-06 | 9.47E-03 | | 4.87 | 0.34 | 0.05 | 0.26 | 0.04 | 18.76 | 0.86 | 5.64 | 0.04 | 0.28 | 0.71 | 6.13 | 10.68 | 5.64 | 0.41 | 0.06 | 4.78 | 2.16 | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | St Marys 2 | 684657.3 | 4861320.8 | | | 8.42E-06 | 8.27E-03 | | 5.58 | 0.38 | 0.06 | 0.30 | 0.05 | 21.46 | 0.98 | 6.45 | 0.04 | 0.32 | 0.81 | 7.01 | 12.22 | 6.46 | 0.47 | 0.07 | 5.47 | 2.47 | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | St Marys 3 | 684905.3 | 4861154.4 | | | 1.10E-05 | 8.15E-03 | | 7.30 | 0.50 | 0.08 | 0.39 | 0.06 | 28.08 | 1.28 | 8.44 | 0.06 | 0.41 | 1.06 | 9.18 | 15.99 | 8.45 | 0.62 | 0.09 | 7.16 | 3.23 | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | Court. Subdivision 1 | 677328.4 | 4862976.1 | | | 3.20E-06 | 4.47E-03 | | 2.12 | 0.15 | 0.02 | 0.11 | 0.02 | 8.16 | 0.37 | 2.45 | 0.02 | 0.12 | 0.31 | 2.67 | 4.64 | 2.45 | 0.18 | 0.03 | 2.08 | 0.94 | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | Court. Subdivision 2 | 676187.9 | 4862611.1 | | | 1.52E-05 | 4.74E-03 | | 10.08 | 0.69 | 0.11 | 0.54 | 0.08 | 38.81 | 1.78 | 11.67 | 0.08 | 0.57 | 1.47 | 12.68 | 22.10 | 11.68 | 0.85 | 0.12 | 9.89 | 4.46 | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | Court. Subdivision 3 | 675974.8 | 4863484.1 | | | 9.01E-06 | 3.57E-03 | | 5.97 | 0.41 | 0.06 | 0.32 | 0.05 | 22.98 | 1.05 | 6.91 | 0.05 | 0.34 | 0.87 | 7.51 | 13.08 | 6.91 | 0.50 | 0.07 | 5.86 | 2.64 | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | Court. Subdivision 4 | 676606.1 | 4863214.1 | | | 8.08E-06 | 3.73E-03 | | 5.35 | 0.37 | 0.06 | 0.28 | 0.04 | 20.60 | 0.94 | 6.19 | 0.04 | 0.30 | 0.78 | 6.73 | 11.73 | 6.20 | 0.45 | 0.06 | 5.25 | 2.37 | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | Court. Subdivision 5 | 676827.1 | 4863591.4 | | | 5.26E-06 | 3.42E-03 | | 3.49 | 0.24 | 0.04 | 0.19 | 0.03 | 13.42 | 0.61 | 4.04 | 0.03 | 0.20 | 0.51 | 4.39 | 7.64 | 4.04 | 0.29 | 0.04 | 3.42 | 1.54 | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | Court. Subdivision 6 | 677200.4 | 4864074.9 | | | 3.31E-06 | 3.12E-03 | | 2.19 | 0.15 | 0.02 | 0.12 | 0.02 | 8.43 | 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Dioxins and Furans (as TEQ Equivalent s) | Polychlorinated Biphenyls (PCB) | Metals | Aluminum | Antimony | Arsenic | Barium | Beryllium | Boron | Cadmium (Cd) | Cadmium and Thallium (Cd + Th) | Chromium (hexavalent) | Total Chromium (and compounds) | Cobalt | Lead (Pb) | Nickel | Phosphorus | Silver | Selenium | Thallium | Tin | | | | | |
|----------|--------------------------|----------|-----------|-------------|----------------------------------|--|---------------------------------|--------|----------|----------|----------|----------|-----------|----------|--------------|--------------------------------|-----------------------|--------------------------------|----------|-----------|----------|------------|----------|----------|----------|----------|----------|---|---|---|---|
| | | | | | | Vapour (V)/Particulate (P) Phase | P | | V | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| | | | | | | Facility Contaminant Emission Rate (g/s) | 2.48E-09 | | 2.98E-06 | 1.64E-03 | 1.13E-04 | 1.73E-05 | 8.73E-05 | 1.38E-05 | 6.32E-03 | 2.89E-04 | 1.90E-03 | 1.32E-05 | 9.29E-05 | 2.39E-04 | 2.07E-03 | 3.60E-03 | 1.90E-03 | 1.38E-04 | 1.98E-05 | 1.61E-03 | 7.27E-04 | | | | |
| 56 | Osh/Court Subdivision 1 | 677396.8 | 4860977.3 | | | 2.31E-06 | 0.01 | | 1.53 | 0.11 | 0.02 | 0.08 | 0.01 | 5.90 | 0.27 | 1.77 | 0.01 | 0.09 | 0.22 | 1.93 | 3.36 | 1.77 | 0.13 | 0.02 | 1.50 | 0.68 | | | | | |
| 57 | Osh/Court Subdivision 2 | 676633.5 | 4860816.8 | | | 1.49E-06 | 7.45E-03 | | 0.99 | 0.07 | 0.01 | 0.05 | 8.26E-03 | 3.79 | 0.17 | 1.14 | 7.93E-03 | 0.06 | 0.14 | 1.24 | 2.16 | 1.14 | 0.08 | 0.01 | 0.97 | 0.44 | | | | | |
| 58 | Osh/Court Subdivision 3 | 676916.0 | 4861925.0 | | | 1.32E-06 | 6.49E-03 | | 0.87 | 0.06 | 9.21E-03 | 0.05 | 7.30E-03 | 3.35 | 0.15 | 1.01 | 7.02E-03 | 0.05 | 0.13 | 1.10 | 1.91 | 1.01 | 0.07 | 0.01 | 0.85 | 0.39 | | | | | |
| 59 | Osh/Court Subdivision 4 | 676730.5 | 4861317.1 | | | 2.02E-06 | 8.61E-03 | | 1.34 | 0.09 | 0.01 | 0.07 | 0.01 | 5.15 | 0.24 | 1.55 | 0.01 | 0.08 | 0.20 | 1.68 | 2.93 | 1.55 | 0.11 | 0.02 | 1.31 | 0.59 | | | | | |
| 60 | Osh/Court Subdivision 5 | 676087.2 | 4861392.3 | | | 6.31E-06 | 7.15E-03 | | 4.18 | 0.29 | 0.04 | 0.22 | 0.04 | 16.10 | 0.74 | 4.84 | 0.03 | 0.24 | 0.61 | 5.26 | 9.17 | 4.85 | 0.35 | 0.05 | 4.10 | 1.85 | | | | | |
| 61 | Osh/Court Subdivision 6 | 676177.1 | 4861722.2 | | | 6.80E-06 | 6.48E-03 | | 4.50 | 0.31 | 0.05 | 0.24 | 0.04 | 17.33 | 0.79 | 5.21 | 0.04 | 0.25 | 0.66 | 5.66 | 9.87 | 5.22 | 0.38 | 0.05 | 4.42 | 1.99 | | | | | |
| 62 | Osh/Court Subdivision 7 | 675670.7 | 4861783.2 | | | 6.86E-06 | 5.84E-03 | | 4.54 | 0.31 | 0.05 | 0.24 | 0.04 | 17.48 | 0.80 | 5.26 | 0.04 | 0.26 | 0.66 | 5.71 | 9.95 | 5.26 | 0.38 | 0.05 | 4.46 | 2.01 | | | | | |
| 63 | Osh/Court Subdivision 8 | 676050.8 | 4862055.7 | | | 1.17E-05 | 5.94E-03 | | 7.76 | 0.54 | 0.08 | 0.41 | 0.07 | 29.88 | 1.37 | 8.98 | 0.06 | 0.44 | 1.13 | 9.76 | 17.01 | 8.99 | 0.65 | 0.09 | 7.62 | 3.44 | | | | | |
| 64 | Osh/Court Subdivision 9 | 676636.9 | 4862134.3 | | | 4.79E-06 | 6.07E-03 | | 3.17 | 0.22 | 0.03 | 0.17 | 0.03 | 12.22 | 0.56 | 3.67 | 0.03 | 0.18 | 0.46 | 3.99 | 6.96 | 3.68 | 0.27 | 0.04 | 3.11 | 1.40 | | | | | |
| 65 | Osh/Court Subdivision 10 | 676571.3 | 4861634.8 | | | 3.17E-06 | 6.96E-03 | | 2.10 | 0.14 | 0.02 | 0.11 | 0.02 | 8.09 | 0.37 | 2.43 | 0.02 | 0.12 | 0.31 | 2.64 | 4.61 | 2.44 | 0.18 | 0.03 | 2.06 | 0.93 | | | | | |
| 66 | Bow. Subdivision 11 | 684649.2 | 4863182.7 | | | 1.21E-05 | 6.60E-03 | | 8.03 | 0.55 | 0.08 | 0.43 | 0.07 | 30.90 | 1.41 | 9.29 | 0.06 | 0.45 | 1.17 | 10.10 | 17.59 | 9.30 | 0.68 | 0.10 | 7.88 | 3.55 | | | | | |
| 67 | Daycare B | 685172.4 | 4863933.1 | | | 1.36E-05 | 5.44E-03 | | 9.03 | 0.62 | 0.10 | 0.48 | 0.08 | 34.77 | 1.59 | 10.45 | 0.07 | 0.51 | 1.32 | 11.36 | 19.80 | 10.46 | 0.76 | 0.11 | 8.86 | 4.00 | | | | | |
| 68 | Daycare C | 685452.0 | 4863104.4 | | | 1.18E-05 | 5.89E-03 | | 7.79 | 0.54 | 0.08 | 0.41 | 0.07 | 29.97 | 1.37 | 9.01 | 0.06 | 0.44 | 1.13 | 9.79 | 17.06 | 9.02 | 0.66 | 0.09 | 7.64 | 3.45 | | | | | |
| 69 | Daycare D | 685527.7 | 4864693.3 | | | 1.05E-05 | 5.42E-03 | | 6.95 | 0.48 | 0.07 | 0.37 | 0.06 | 26.74 | 1.22 | 8.04 | 0.06 | 0.39 | 1.01 | 8.74 | 15.23 | 8.05 | 0.59 | 0.08 | 6.82 | 3.08 | | | | | |
| 70 | Daycare E | 685735.4 | 4864790.8 | | | 1.03E-05 | 5.27E-03 | | 6.80 | 0.47 | 0.07 | 0.36 | 0.06 | 26.19 | 1.20 | 7.87 | 0.05 | 0.39 | 0.99 | 8.56 | 14.91 | 7.88 | 0.57 | 0.08 | 6.68 | 3.01 | | | | | |
| 71 | Daycare F | 685520.3 | 4864854.3 | | | 9.98E-06 | 5.36E-03 | | 6.61 | 0.46 | 0.07 | 0.35 | 0.06 | 25.44 | 1.16 | 7.65 | 0.05 | 0.37 | 0.96 | 8.31 | 14.49 | 7.66 | 0.56 | 0.08 | 6.49 | 2.93 | | | | | |
| 72 | Daycare G | 685441.9 | 4864878.0 | | | 9.76E-06 | 5.37E-03 | | 6.46 | 0.45 | 0.07 | 0.34 | 0.05 | 24.88 | 1.14 | 7.48 | 0.05 | 0.37 | 0.94 | 8.13 | 14.16 | 7.49 | 0.54 | 0.08 | 6.34 | 2.86 | | | | | |
| 73 | Daycare H | 686364.8 | 4864707.8 | | | 1.04E-05 | 4.67E-03 | | 6.89 | 0.47 | 0.07 | 0.37 | 0.06 | 26.51 | 1.21 | 7.97 | 0.06 | 0.39 | 1.00 | 8.66 | 15.09 | 7.98 | 0.58 | 0.08 | 6.76 | 3.05 | | | | | |
| 74 | Daycare I | 685721.6 | 4865127.3 | | | 9.49E-06 | 5.11E-03 | | 6.29 | 0.43 | 0.07 | 0.33 | 0.05 | 24.21 | 1.11 | 7.28 | 0.05 | 0.36 | 0.92 | 7.91 | 13.78 | 7.28 | 0.53 | 0.08 | 6.17 | 2.78 | | | | | |
| 75 | Daycare J | 678256.3 | 4863565.4 | | | 4.14E-06 | 3.79E-03 | | 2.74 | 0.19 | 0.03 | 0.15 | 0.02 | 10.55 | 0.48 | 3.17 | 0.02 | 0.16 | 0.40 | 3.45 | 6.01 | 3.17 | 0.23 | 0.03 | 2.69 | 1.21 | | | | | |
| 76 | Daycare K | 677694.1 | 4864043.7 | | | 3.84E-06 | 3.20E-03 | | 2.54 | 0.18 | 0.03 | 0.14 | 0.02 | 9.79 | 0.45 | 2.94 | 0.02 | 0.14 | 0.37 | 3.20 | 5.58 | 2.95 | 0.21 | 0.03 | 2.50 | 1.13 | | | | | |
| 77 | Daycare L | 676479.5 | 4862526.2 | | | 1.26E-05 | 4.98E-03 | | 8.32 | 0.57 | 0.09 | 0.44 | 0.07 | 32.03 | 1.47 | 9.63 | 0.07 | 0.47 | 1.21 | 10.47 | 18.24 | 9.64 | 0.70 | 0.10 | 8.16 | 3.68 | | | | | |
| 78 | Daycare M | 678320.9 | 4864763.5 | | | 4.05E-06 | 3.16E-03 | | 2.69 | 0.19 | 0.03 | 0.14 | 0.02 | 10.34 | 0.47 | 3.11 | 0.02 | 0.15 | 0.39 | 3.38 | 5.89 | 3.11 | 0.23 | 0.03 | 2.63 | 1.19 | | | | | |
| 79 | Daycare N | 678513.4 | 4865058.0 | | | 4.03E-06 | 3.37E-03 | | 2.67 | 0.18 | 0.03 | 0.14 | 0.02 | 10.27 | 0.47 | 3.09 | 0.02 | 0.15 | 0.39 | 3.36 | 5.85 | 3.09 | 0.22 | 0.03 | 2.62 | 1.18 | | | | | |
| 80 | Daycare O | 672788.7 | 4863936.6 | | | 5.16E-06 | 2.50E-03 | | 3.42 | 0.24 | 0.04 | 0.18 | 0.03 | 13.15 | 0.60 | 3.95 | 0.03 | 0.19 | 0.50 | 4.30 | 7.49 | 3.96 | 0.29 | 0.04 | 3.35 | 1.51 | | | | | |
| 81 | Daycare P | 673952.8 | 4863592.5 | | | 7.26E-06 | 2.82E-03 | | 4.81 | 0.33 | 0.05 | 0.26 | 0.04 | 18.51 | 0.85 | 5.57 | 0.04 | 0.27 | 0.70 | 6.05 | 10.54 | 5.57 | 0.41 | 0.06 | 4.72 | 2.13 | | | | | |
| 82 | Daycare Q | 671751.8 | 4864887.7 | | | 3.76E-06 | 2.15E-03 | | 2.49 | 0.17 | 0.03 | 0.13 | 0.02 | 9.59 | 0.44 | 2.88 | 0.02 | 0.14 | 0.36 | 3.13 | 5.46 | 2.88 | 0.21 | 0.03 | 2.44 | 1.10 | | | | | |
| 83 | Daycare R | 685714.4 | 4864667.4 | | | 1.06E-05 | 5.34E-03 | | 7.00 | 0.48 | 0.07 | 0.37 | 0.06 | 26.95 | 1.23 | 8.10 | 0.06 | 0.40 | 1.02 | 8.81 | 15.34 | 8.11 | 0.59 | 0.08 | 6.87 | 3.10 | | | | | |
| 84 | Daycare S | 684177.9 | 4863618.2 | | | 1.06E-05 | 6.87E-03 | | 7.02 | 0.48 | 0.07 | 0.37 | 0.06 | 27.01 | 1.24 | 8.12 | 0.06 | 0.40 | 1.02 | 8.83 | 15.38 | 8.13 | 0.59 | 0.08 | 6.89 | 3.11 | | | | | |
| 85 | Daycare T | 678423.6 | 4864480.4 | | | 3.50E-06 | 3.33E-03 | | 2.32 | 0.16 | 0.02 | 0.12 | 0.02 | 8.92 | 0.41 | 2.68 | 0.02 | 0.13 | 0.34 | 2.92 | 5.08 | 2.68 | 0.20 | 0.03 | 2.27 | 1.03 | | | | | |
| 86 | Daycare U | 685330.5 | 4863435.1 | | | 1.52E-05 | 5.68E-03 | | 10.06 | 0.69 | 0.11 | 0.53 | 0.08 | 38.71 | 1.77 | 11.64 | 0.08 | 0.57 | 1.47 | 12.65 | 22.04 | 11.65 | 0.85 | 0.12 | 9.87 | 4.45 | | | | | |
| 87 | Daycare V | 685153.2 | 4863236.9 | | | 1.42E-05 | 6.09E-03 | | 9.41 | 0.65 | 0.10 | 0.50 | 0.08 | 36.21 | 1.66 | 10.89 | 0.08 | 0.53 | 1.37 | 11.83 | 20.62 | 10.90 | 0.79 | 0.11 | 9.23 | 4.16 | | | | | |
| 88 | Daycare W | 672679.0 | 4862044.9 | | | 5.63E-06 | 3.48E-03 | | 3.73 | 0.26 | 0.04 | 0.20 | 0.03 | 14.36 | 0.66 | 4.32 | 0.03 | 0.21 | 0.54 | 4.69 | 8.17 | 4.32 | 0.31 | 0.05 | 3.66 | 1.65 | | | | | |
| 89 | Daycare X | 672076.5 | 4865285.8 | | | 3.56E-06 | 2.21E-03 | | 2.36 | 0.16 | 0.02 | 0.13 | 0.02 | 9.07 | 0.42 | 2.73 | 0.02 | 0.13 | 0.34 | 2.97 | 5.17 | 2.73 | 0.20 | 0.03 | 2.31 | 1.04 | | | | | |
| 90 | Daycare Y | 672638.0 | 4859664.4 | | | 2.45E-06 | 2.69E-03 | | 1.63 | 0.11 | 0.02 | 0.09 | 0.01 | 6.26 | 0.29 | 1.88 | 0.01 | 0.09 | 0.24 | 2.05 | 3.56 | 1.88 | 0.14 | 0.02 | 1.60 | 0.72 | | | | | |
| 91 | Daycare Z | 673735.9 | 4858958.0 | | | 1.24E-06 | 3.48E-03 | | 0.82 | 0.06 | 8.66E-03 | 0.04 | 6.87E-03 | 3.15 | 0.14 | 0.95 | 6.60E-03 | 0.05 | 0.12 | 1.03 | 1.80 | 0.95 | 0.07 | 9.89E-03 | 0.80 | 0.36 | | | | | |
| 92 | Daycare AA | 673121.8 | 4863385.9 | | | 5.71E-06 | 2.80E-03 | | 3.78 | 0.26 | 0.04 | 0.20 | 0.03 | 14.55 | 0.67 | 4.37 | 0.03 | 0.21 | 0.55 | 4.75 | 8.28 | 4.38 | 0.32 | 0.05 | 3.71 | 1.67 | | | | | |
| 93 | Daycare BB | 673904.8 | 4862282.2 | | | 6.49E-06 | 4.12E-03 | | 4.30 | 0.30 | 0.05 | 0.23 | 0.04 | 16.56 | 0.76 | 4.98 | 0.03 | 0.24 | 0.63 | 5.41 | 9.43 | 4.98 | 0.36 | 0.05 | 4.22 | 1.90 | | | | | |
| 94 | Daycare CC | 671471.6 | 4861795.3 | | | 3.98E-06 | 2.65E-03 | | 2.64 | 0.18 | 0.03 | 0.14 | 0.02 | 10.16 | 0.46 | 3.05 | 0.02 | 0.15 | 0.38 | 3.32 | 5.79 | 3.06 | 0.22 | 0.03 | 2.59 | 1.17 | | | | | |
| 95 | Daycare DD | 673057.3 | 4862625.6 | | | 5.15E-06 | 3.52E-03 | | 3.41 | 0.24 | 0.04 | 0.18 | 0.03 | 13.14 | 0.60 | 3.95 | 0.03 | 0.19 | 0.50 | 4.30 | 7.48 | 3.96 | 0.29 | 0.04 | 3.35 | 1.51 | | | | | |
| 96 | Daycare EE | 674917.1 | 4863957.2 | | | 6.95E-06 | 3.14E-03 | | 4.60 | 0.32 | 0.05 | 0.24 | 0.04 | 17.71 | 0.81 | 5.33 | 0.04 | 0.26 | 0.67 | 5.79 | 10.08 | 5.33 | 0.39 | 0.06 | 4.51 | 2.04 | | | | | |
| 97 | Daycare FF | 671356.6 | 4862954.4 | | | 3.42E-06 | 3.13E-03 | | 2.26 | 0.16 | 0.02 | 0.12 | 0.02 | 8.72 | 0.40 | 2.62 | 0.02 | 0.13 | 0.33 | 2.85 | 4.96 | 2.62 | 0.19 | 0.03 | 2.22 | 1.00 | | | | | |
| 98 | Daycare GG | 671675.5 | 4862705.8 | | | 3.89E-06 | 3.23E-03 | | 2.58 | 0.18 | 0.03 | 0.14 | 0.02 | 9.92 | 0.45 | 2.98 | 0.02 | 0.15 | 0.38 | 3.24 | 5.65 | 2.99 | 0.22 | 0.03 | 2.53 | 1.14 | | | | | |
| 99 | Daycare HH | 671604.8 | 4860138.1 | | | 2.14E-06 | 2.47E-03 | | 1.42 | 0.10 | 0.01 | 0.08 | 0.01 | 5.46 | 0.25 | 1.64 | 0.01 | 0.08 | 0.21 | 1.78 | 3.11 | 1.64 | 0.12 | 0.02 | 1.39 | 0.63 | | | | | |
| 100 | Daycare II | 670945.2 | 4857983.8 | | | 9.49E-07 | 2.04E-03 | | 0.63 | 0.04 | 6.64E-03 | 0.03 | 5.27E-03 | 2.42 | 0.11 | 0.73 | 5.06E-03 | 0.04 | 0.09 | 0.79 | 1.38 | 0.73 | 0.05 | 7.59E-03 | 0.62 | 0.28 | | | | | |
| 101 | Daycare JJ | 677514.6 | 4864744.1 | | | 3.22E-06 | 2.72E-03 | | 2.13 | 0.15 | 0.02 | 0.11 | 0.02 | 8.21 | 0.38 | 2.47 | 0.02 | 0.12 | 0.31 | 2.68 | 4.67 | 2.47 | 0.18 | 0.03 | 2.09 | 0.94 | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Dioxins and Furans (as TEQ Equivalent) | Polychlorinated Biphenyls (PCB) | Metals | Aluminum | Antimony | Arsenic | Barium | Beryllium | Boron | Cadmium (Cd) | Cadmium and Thallium (Cd + Th) | Chromium (hexavalent) | Total Chromium (and compounds) | Cobalt | Lead (Pb) | Nickel | Phosphorus | Silver | Selenium | Thallium | Tin | | | | | |
|----------|------------------------|----------|-----------|-------------|----------------------------------|--|---------------------------------|--------|----------|----------|----------|----------|-----------|----------|--------------|--------------------------------|-----------------------|--------------------------------|----------|-----------|----------|------------|----------|----------|----------|----------|----------|----------|----------|---|---|
| | | | | | | Vapour (V)/Particulate (P) Phase | P | | V | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| | | | | | | Facility Contaminant Emission Rate (g/s) | (m) | | (m) | 2.48E-09 | 2.98E-06 | 1.64E-03 | 1.13E-04 | 1.73E-05 | 8.73E-05 | 1.38E-05 | 6.32E-03 | 2.89E-04 | 1.90E-03 | 1.32E-05 | 9.29E-05 | 2.39E-04 | 2.07E-03 | 3.60E-03 | 1.90E-03 | 1.38E-04 | 1.98E-05 | 1.61E-03 | 7.27E-04 | | |
| 111 | Comm. Resp. Services | 676045.4 | 4863902.5 | | | 4.98E-06 | 3.19E-03 | | 3.30 | 0.23 | 0.03 | 0.18 | 0.03 | 12.71 | 0.58 | 3.82 | 0.03 | 0.19 | 0.48 | 4.15 | 7.24 | 3.82 | 0.28 | 0.04 | 3.24 | 1.46 | | | | | |
| 112 | Hospital | 671712.7 | 4862364.1 | | | 4.25E-06 | 3.17E-03 | | 2.82 | 0.19 | 0.03 | 0.15 | 0.02 | 10.84 | 0.50 | 3.26 | 0.02 | 0.16 | 0.41 | 3.54 | 6.17 | 3.26 | 0.24 | 0.03 | 2.76 | 1.25 | | | | | |
| 113 | Retirement Residence A | 684199.9 | 4864120.3 | | | 1.16E-05 | 6.35E-03 | | 7.71 | 0.53 | 0.08 | 0.41 | 0.06 | 29.66 | 1.36 | 8.92 | 0.06 | 0.44 | 1.12 | 9.69 | 16.89 | 8.93 | 0.65 | 0.09 | 7.56 | 3.41 | | | | | |
| 114 | Retirement Residence B | 685483.9 | 4865150.9 | | | 9.29E-06 | 5.18E-03 | | 6.15 | 0.42 | 0.06 | 0.33 | 0.05 | 23.68 | 1.08 | 7.12 | 0.05 | 0.35 | 0.90 | 7.74 | 13.48 | 7.13 | 0.52 | 0.07 | 6.04 | 2.72 | | | | | |
| 115 | Retirement Residence C | 686844.0 | 4864732.1 | | | 9.90E-06 | 4.41E-03 | | 6.56 | 0.45 | 0.07 | 0.35 | 0.05 | 25.25 | 1.16 | 7.59 | 0.05 | 0.37 | 0.96 | 8.25 | 14.38 | 7.60 | 0.55 | 0.08 | 6.44 | 2.90 | | | | | |
| 116 | Retirement Residence D | 673481.7 | 4863343.4 | | | 6.42E-06 | 2.87E-03 | | 4.25 | 0.29 | 0.04 | 0.23 | 0.04 | 16.36 | 0.75 | 4.92 | 0.03 | 0.24 | 0.62 | 5.35 | 9.31 | 4.92 | 0.36 | 0.05 | 4.17 | 1.88 | | | | | |
| 117 | Retirement Residence E | 671825.2 | 4864399.0 | | | 3.86E-06 | 2.23E-03 | | 2.56 | 0.18 | 0.03 | 0.14 | 0.02 | 9.84 | 0.45 | 2.96 | 0.02 | 0.14 | 0.37 | 3.21 | 5.60 | 2.96 | 0.22 | 0.03 | 2.51 | 1.13 | | | | | |
| 118 | Retirement Residence F | 671606.3 | 4864536.0 | | | 3.64E-06 | 2.19E-03 | | 2.41 | 0.17 | 0.03 | 0.13 | 0.02 | 9.29 | 0.42 | 2.79 | 0.02 | 0.14 | 0.35 | 3.03 | 5.29 | 2.79 | 0.20 | 0.03 | 2.37 | 1.07 | | | | | |
| 119 | Retirement Residence G | 671357.1 | 4862958.7 | | | 3.41E-06 | 3.13E-03 | | 2.26 | 0.16 | 0.02 | 0.12 | 0.02 | 8.68 | 0.40 | 2.61 | 0.02 | 0.13 | 0.33 | 2.84 | 4.94 | 2.61 | 0.19 | 0.03 | 2.21 | 1.00 | | | | | |
| 120 | Retirement Residence H | 671514.0 | 4862262.9 | | | 4.14E-06 | 3.06E-03 | | 2.74 | 0.19 | 0.03 | 0.15 | 0.02 | 10.55 | 0.48 | 3.17 | 0.02 | 0.16 | 0.40 | 3.45 | 6.00 | 3.17 | 0.23 | 0.03 | 2.69 | 1.21 | | | | | |
| 121 | Retirement Residence I | 672602.2 | 4863075.9 | | | 4.40E-06 | 3.15E-03 | | 2.92 | 0.20 | 0.03 | 0.16 | 0.02 | 11.22 | 0.51 | 3.37 | 0.02 | 0.17 | 0.42 | 3.67 | 6.39 | 3.38 | 0.25 | 0.04 | 2.86 | 1.29 | | | | | |
| 122 | Retirement Residence J | 671719.1 | 4862893.1 | | | 3.68E-06 | 3.20E-03 | | 2.44 | 0.17 | 0.03 | 0.13 | 0.02 | 9.39 | 0.43 | 2.82 | 0.02 | 0.14 | 0.36 | 3.07 | 5.35 | 2.83 | 0.21 | 0.03 | 2.39 | 1.08 | | | | | |
| 123 | Retirement Residence K | 686718.0 | 4865648.7 | | | 7.44E-06 | 4.44E-03 | | 4.93 | 0.34 | 0.05 | 0.26 | 0.04 | 18.97 | 0.87 | 5.70 | 0.04 | 0.28 | 0.72 | 6.20 | 10.80 | 5.71 | 0.42 | 0.06 | 4.83 | 2.18 | | | | | |
| 124 | Retirement Residence L | 676168.7 | 4865669.9 | | | 1.67E-06 | 2.39E-03 | | 1.10 | 0.08 | 0.01 | 0.06 | 9.26E-03 | 4.25 | 0.19 | 1.28 | 8.89E-03 | 0.06 | 0.16 | 1.39 | 2.42 | 1.28 | 0.09 | 0.01 | 1.08 | 0.49 | | | | | |
| 125 | Retirement Residence M | 676118.5 | 4863980.7 | | | 4.66E-06 | 3.03E-03 | | 3.09 | 0.21 | 0.03 | 0.16 | 0.03 | 11.88 | 0.54 | 3.57 | 0.02 | 0.17 | 0.45 | 3.88 | 6.76 | 3.57 | 0.26 | 0.04 | 3.03 | 1.37 | | | | | |
| 126 | Bow. Subdivision 12 | 684649.2 | 4863182.7 | | | 1.21E-05 | 6.60E-03 | | 8.03 | 0.55 | 0.08 | 0.43 | 0.07 | 30.90 | 1.41 | 9.29 | 0.06 | 0.45 | 1.17 | 10.10 | 17.59 | 9.30 | 0.68 | 0.10 | 7.88 | 3.55 | | | | | |
| 127 | Primary School B | 685384.8 | 4863575.3 | | | 1.50E-05 | 5.47E-03 | | 9.94 | 0.69 | 0.11 | 0.53 | 0.08 | 38.25 | 1.75 | 11.50 | 0.08 | 0.56 | 1.45 | 12.50 | 21.78 | 11.51 | 0.84 | 0.12 | 9.75 | 4.40 | | | | | |
| 128 | Primary School C | 685021.6 | 4863952.9 | | | 1.39E-05 | 5.67E-03 | | 9.19 | 0.63 | 0.10 | 0.49 | 0.08 | 35.38 | 1.62 | 10.64 | 0.07 | 0.52 | 1.34 | 11.56 | 20.14 | 10.65 | 0.78 | 0.11 | 9.02 | 4.07 | | | | | |
| 129 | Primary School D | 686237.0 | 4864085.5 | | | 1.21E-05 | 4.70E-03 | | 7.99 | 0.55 | 0.08 | 0.43 | 0.07 | 30.77 | 1.41 | 9.25 | 0.06 | 0.45 | 1.17 | 10.06 | 17.52 | 9.26 | 0.67 | 0.10 | 7.84 | 3.54 | | | | | |
| 130 | Primary School E | 686719.0 | 4863734.7 | | | 1.19E-05 | 4.67E-03 | | 7.85 | 0.54 | 0.08 | 0.42 | 0.07 | 30.23 | 1.38 | 9.09 | 0.06 | 0.44 | 1.14 | 9.88 | 17.21 | 9.10 | 0.66 | 0.09 | 7.71 | 3.48 | | | | | |
| 131 | Primary School F | 686357.0 | 4864754.9 | | | 1.03E-05 | 4.67E-03 | | 6.80 | 0.47 | 0.07 | 0.36 | 0.06 | 26.19 | 1.20 | 7.87 | 0.05 | 0.39 | 0.99 | 8.56 | 14.91 | 7.88 | 0.57 | 0.08 | 6.67 | 3.01 | | | | | |
| 132 | Primary School G | 685502.0 | 4865013.4 | | | 9.48E-06 | 5.27E-03 | | 6.28 | 0.43 | 0.07 | 0.33 | 0.05 | 24.19 | 1.11 | 7.27 | 0.05 | 0.36 | 0.92 | 7.90 | 13.77 | 7.28 | 0.53 | 0.08 | 6.17 | 2.78 | | | | | |
| 133 | Primary School H | 686726.7 | 4866061.5 | | | 5.80E-06 | 4.31E-03 | | 3.84 | 0.26 | 0.04 | 0.20 | 0.03 | 14.79 | 0.68 | 4.45 | 0.03 | 0.22 | 0.56 | 4.83 | 8.42 | 4.45 | 0.32 | 0.05 | 3.77 | 1.70 | | | | | |
| 134 | Primary School I | 685186.2 | 4866568.2 | | | 9.71E-06 | 4.62E-03 | | 6.43 | 0.44 | 0.07 | 0.34 | 0.05 | 24.76 | 1.13 | 7.44 | 0.05 | 0.36 | 0.94 | 8.09 | 14.10 | 7.45 | 0.54 | 0.08 | 6.31 | 2.85 | | | | | |
| 135 | Primary School J | 685965.3 | 4866979.0 | | | 6.26E-06 | 4.06E-03 | | 4.15 | 0.29 | 0.04 | 0.22 | 0.03 | 15.96 | 0.73 | 4.80 | 0.03 | 0.23 | 0.60 | 5.22 | 9.09 | 4.80 | 0.35 | 0.05 | 4.07 | 1.84 | | | | | |
| 136 | Primary School K | 677709.9 | 4864726.5 | | | 3.56E-06 | 2.70E-03 | | 2.36 | 0.16 | 0.02 | 0.13 | 0.02 | 9.09 | 0.42 | 2.73 | 0.02 | 0.13 | 0.34 | 2.97 | 5.17 | 2.73 | 0.20 | 0.03 | 2.32 | 1.05 | | | | | |
| 137 | Primary School L | 675988.3 | 4864270.2 | | | 3.79E-06 | 2.85E-03 | | 2.51 | 0.17 | 0.03 | 0.13 | 0.02 | 9.67 | 0.44 | 2.91 | 0.02 | 0.14 | 0.37 | 3.16 | 5.51 | 2.91 | 0.21 | 0.03 | 2.47 | 1.11 | | | | | |
| 138 | Primary School M | 676608.7 | 4862739.0 | | | 1.17E-05 | 4.42E-03 | | 7.75 | 0.53 | 0.08 | 0.41 | 0.06 | 29.82 | 1.36 | 8.96 | 0.06 | 0.44 | 1.13 | 9.74 | 16.98 | 8.97 | 0.65 | 0.09 | 7.60 | 3.43 | | | | | |
| 139 | Primary School N | 677222.2 | 4863759.1 | | | 3.75E-06 | 3.34E-03 | | 2.48 | 0.17 | 0.03 | 0.13 | 0.02 | 9.56 | 0.44 | 2.88 | 0.02 | 0.14 | 0.36 | 3.13 | 5.44 | 2.88 | 0.21 | 0.03 | 2.44 | 1.10 | | | | | |
| 140 | Primary School O | 678154.9 | 4863872.7 | | | 4.03E-06 | 3.31E-03 | | 2.67 | 0.18 | 0.03 | 0.14 | 0.02 | 10.29 | 0.47 | 3.09 | 0.02 | 0.15 | 0.39 | 3.36 | 5.86 | 3.10 | 0.23 | 0.03 | 2.62 | 1.18 | | | | | |
| 141 | Court. Subdivision 12 | 678309.6 | 4863600.8 | | | 3.93E-06 | 3.73E-03 | | 2.61 | 0.18 | 0.03 | 0.14 | 0.02 | 10.03 | 0.46 | 3.02 | 0.02 | 0.15 | 0.38 | 3.28 | 5.71 | 3.02 | 0.22 | 0.03 | 2.56 | 1.15 | | | | | |
| 142 | Primary School Q | 677010.6 | 4862470.6 | | | 4.30E-06 | 5.25E-03 | | 2.85 | 0.20 | 0.03 | 0.15 | 0.02 | 10.98 | 0.50 | 3.30 | 0.02 | 0.16 | 0.42 | 3.59 | 6.25 | 3.30 | 0.24 | 0.03 | 2.80 | 1.26 | | | | | |
| 143 | Primary School R | 677431.3 | 4866694.7 | | | 2.88E-06 | 2.52E-03 | | 1.91 | 0.13 | 0.02 | 0.10 | 0.02 | 7.34 | 0.34 | 2.21 | 0.02 | 0.11 | 0.28 | 2.40 | 4.18 | 2.21 | 0.16 | 0.02 | 1.87 | 0.84 | | | | | |
| 144 | Primary School S | 675266.2 | 4863562.9 | | | 9.06E-06 | 3.44E-03 | | 6.00 | 0.41 | 0.06 | 0.32 | 0.05 | 23.10 | 1.06 | 6.95 | 0.05 | 0.34 | 0.87 | 7.55 | 13.15 | 6.95 | 0.51 | 0.07 | 5.89 | 2.66 | | | | | |
| 145 | Primary School T | 673479.2 | 4860029.4 | | | 2.95E-06 | 2.68E-03 | | 1.95 | 0.13 | 0.02 | 0.10 | 0.02 | 7.52 | 0.34 | 2.26 | 0.02 | 0.11 | 0.28 | 2.46 | 4.28 | 2.26 | 0.16 | 0.02 | 1.92 | 0.86 | | | | | |
| 146 | Primary School U | 670856.0 | 4860710.6 | | | 2.28E-06 | 2.42E-03 | | 1.51 | 0.10 | 0.02 | 0.08 | 0.01 | 5.81 | 0.27 | 1.75 | 0.01 | 0.09 | 0.22 | 1.90 | 3.31 | 1.75 | 0.13 | 0.02 | 1.48 | 0.67 | | | | | |
| 147 | Primary School V | 672660.2 | 4863909.2 | | | 4.98E-06 | 2.52E-03 | | 3.30 | 0.23 | 0.03 | 0.18 | 0.03 | 12.69 | 0.58 | 3.82 | 0.03 | 0.19 | 0.48 | 4.15 | 7.23 | 3.82 | 0.28 | 0.04 | 3.23 | 1.46 | | | | | |
| 148 | Primary School W | 672735.2 | 4859232.9 | | | 2.31E-06 | 3.10E-03 | | 1.53 | 0.11 | 0.02 | 0.08 | 0.01 | 5.90 | 0.27 | 1.77 | 0.01 | 0.09 | 0.22 | 1.93 | 3.36 | 1.78 | 0.13 | 0.02 | 1.50 | 0.68 | | | | | |
| 149 | Primary School X | 673575.8 | 4862688.6 | | | 5.90E-06 | 3.53E-03 | | 3.91 | 0.27 | 0.04 | 0.21 | 0.03 | 15.05 | 0.69 | 4.52 | 0.03 | 0.22 | 0.57 | 4.92 | 8.57 | 4.53 | 0.33 | 0.05 | 3.84 | 1.73 | | | | | |
| 150 | Primary School Y | 673710.3 | 4861969.0 | | | 6.77E-06 | 4.01E-03 | | 4.48 | 0.31 | 0.05 | 0.24 | 0.04 | 17.25 | 0.79 | 5.19 | 0.04 | 0.25 | 0.65 | 5.64 | 9.82 | 5.19 | 0.38 | 0.05 | 4.40 | 1.98 | | | | | |
| 151 | Primary School Z | 672366.0 | 4859928.1 | | | 2.46E-06 | 2.51E-03 | | 1.63 | 0.11 | 0.02 | 0.09 | 0.01 | 6.27 | 0.29 | 1.88 | 0.01 | 0.09 | 0.24 | 2.05 | 3.57 | 1.89 | 0.14 | 0.02 | 1.60 | 0.72 | | | | | |
| 152 | Primary School AA | 672561.7 | 4866047.1 | | | 2.43E-06 | 2.32E-03 | | 1.61 | 0.11 | 0.02 | 0.09 | 0.01 | 6.20 | 0.28 | 1.86 | 0.01 | 0.09 | 0.23 | 2.03 | 3.53 | 1.87 | 0.14 | 0.02 | 1.58 | 0.71 | | | | | |
| 153 | Primary School BB | 675095.1 | 4862930.4 | | | 1.03E-05 | 3.69E-03 | | 6.85 | 0.47 | 0.07 | 0.36 | 0.06 | 26.37 | 1.21 | 7.93 | 0.06 | 0.39 | 1.00 | 8.62 | 15.02 | 7.94 | 0.58 | 0.08 | 6.72 | 3.03 | | | | | |
| 154 | Primary School CC | 673242.6 | 4865197.9 | | | 3.77E-06 | 2.47E-03 | | 2.50 | 0.17 | 0.03 | 0.13 | 0.02 | 9.62 | 0.44 | 2.89 | 0.02 | 0.14 | 0.36 | 3.14 | 5.48 | 2.90 | 0.21 | 0.03 | 2.45 | 1.11 | | | | | |
| 155 | Primary School DD | 674164.9 | 4863031.3 | | | 7.76E-06 | 3.20E-03 | | 5.14 | 0.35 | 0.05 | 0.27 | 0.04 | 19.79 | 0.91 | 5.95 | 0.04 | 0.29 | 0.75 | 6.47 | 11.27 | 5.95 | 0.43 | 0.06 | 5.04 | 2.28 | | | | | |
| 156 | Primary School EE | 671905.6 | 4864697.8 | | | 3.94E-06 | 2.17E-03 | | 2.61 | 0.18 | 0.03 | 0.14 | 0.02 | 10.04 | 0.46 | 3.02 | 0.02 | 0.15 | 0.38 | 3.28 | 5.72 | 3.02 | 0.22 | 0.03 | 2.56 | 1.15 | | | | | |
| 157 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Dioxins and Furans (as TEQ Equivalent s) | Polychlorinated Biphenyls (PCB) | Metals | Aluminum | Antimony | Arsenic | Barium | Beryllium | Boron | Cadmium (Cd) | Cadmium and Thallium (Cd + Th) | Chromium (hexavalent) | Total Chromium (and compounds) | Cobalt | Lead (Pb) | Nickel | Phosphorus | Silver | Selenium | Thallium | Tin | | | | | |
|----------|---------------------|----------|-----------|-------------|----------------------------------|--|---------------------------------|--------|----------|----------|----------|----------|-----------|----------|--------------|--------------------------------|-----------------------|--------------------------------|----------|-----------|----------|------------|----------|----------|----------|----------|----------|----------|----------|---|---|
| | | | | | | Vapour (V)/Particulate (P) Phase | P | | V | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| | | | | | | Facility Contaminant Emission Rate (g/s) | (m) | | (m) | 2.48E-09 | 2.98E-06 | 1.64E-03 | 1.13E-04 | 1.73E-05 | 8.73E-05 | 1.38E-05 | 6.32E-03 | 2.89E-04 | 1.90E-03 | 1.32E-05 | 9.29E-05 | 2.39E-04 | 2.07E-03 | 3.60E-03 | 1.90E-03 | 1.38E-04 | 1.98E-05 | 1.61E-03 | 7.27E-04 | | |
| 166 | Primary School OO | 675474.8 | 4863221.7 | | | 1.17E-05 | 3.67E-03 | | 7.73 | 0.53 | 0.08 | 0.41 | 0.06 | 29.74 | 1.36 | 8.94 | 0.06 | 0.44 | 1.13 | 9.72 | 16.93 | 8.95 | 0.65 | 0.09 | 7.58 | 3.42 | | | | | |
| 167 | Primary School PP | 672441.8 | 4858748.6 | | | 2.31E-06 | 2.69E-03 | | 1.53 | 0.11 | 0.02 | 0.08 | 0.01 | 5.90 | 0.27 | 1.77 | 0.01 | 0.09 | 0.22 | 1.93 | 3.36 | 1.77 | 0.13 | 0.02 | 1.50 | 0.68 | | | | | |
| 168 | Primary School QQ | 672796.8 | 4864438.2 | | | 4.90E-06 | 2.33E-03 | | 3.25 | 0.22 | 0.03 | 0.17 | 0.03 | 12.50 | 0.57 | 3.76 | 0.03 | 0.18 | 0.47 | 4.09 | 7.12 | 3.76 | 0.27 | 0.04 | 3.19 | 1.44 | | | | | |
| 169 | Primary School RR | 671351.4 | 4863284.0 | | | 2.99E-06 | 3.00E-03 | | 1.98 | 0.14 | 0.02 | 0.11 | 0.02 | 7.63 | 0.35 | 2.29 | 0.02 | 0.11 | 0.29 | 2.49 | 4.34 | 2.30 | 0.17 | 0.02 | 1.94 | 0.88 | | | | | |
| 170 | Primary School SS | 673213.9 | 4862125.5 | | | 6.17E-06 | 3.74E-03 | | 4.09 | 0.28 | 0.04 | 0.22 | 0.03 | 15.74 | 0.72 | 4.73 | 0.03 | 0.23 | 0.60 | 5.15 | 8.96 | 4.74 | 0.34 | 0.05 | 4.01 | 1.81 | | | | | |
| 171 | Primary School TT | 671017.9 | 4860953.7 | | | 2.67E-06 | 2.38E-03 | | 1.77 | 0.12 | 0.02 | 0.09 | 0.01 | 6.82 | 0.31 | 2.05 | 0.01 | 0.10 | 0.26 | 2.23 | 3.88 | 2.05 | 0.15 | 0.02 | 1.74 | 0.78 | | | | | |
| 172 | Primary School UU | 670991.0 | 4861089.8 | | | 2.82E-06 | 2.33E-03 | | 1.87 | 0.13 | 0.02 | 0.10 | 0.02 | 7.20 | 0.33 | 2.17 | 0.02 | 0.11 | 0.27 | 2.35 | 4.10 | 2.17 | 0.16 | 0.02 | 1.84 | 0.83 | | | | | |
| 173 | Primary School VV | 674150.1 | 4862294.8 | | | 6.45E-06 | 4.21E-03 | | 4.27 | 0.29 | 0.05 | 0.23 | 0.04 | 16.44 | 0.75 | 4.94 | 0.03 | 0.24 | 0.62 | 5.37 | 9.36 | 4.95 | 0.36 | 0.05 | 4.19 | 1.89 | | | | | |
| 174 | Primary School WW | 672005.2 | 4861707.9 | | | 4.59E-06 | 2.91E-03 | | 3.04 | 0.21 | 0.03 | 0.16 | 0.03 | 11.70 | 0.54 | 3.52 | 0.02 | 0.17 | 0.44 | 3.82 | 6.66 | 3.52 | 0.26 | 0.04 | 2.98 | 1.35 | | | | | |
| 175 | Primary School XX | 684172.1 | 4863615.6 | | | 1.05E-05 | 6.88E-03 | | 6.96 | 0.48 | 0.07 | 0.37 | 0.06 | 26.80 | 1.23 | 8.06 | 0.06 | 0.39 | 1.01 | 8.76 | 15.26 | 8.06 | 0.59 | 0.08 | 6.83 | 3.08 | | | | | |
| 176 | Primary School YY | 683923.3 | 4866636.4 | | | 7.31E-06 | 4.97E-03 | | 4.84 | 0.33 | 0.05 | 0.26 | 0.04 | 18.64 | 0.85 | 5.60 | 0.04 | 0.27 | 0.71 | 6.09 | 10.61 | 5.61 | 0.41 | 0.06 | 4.75 | 2.14 | | | | | |
| 177 | Primary School ZZ | 680446.0 | 4865770.5 | | | 3.31E-06 | 3.69E-03 | | 2.20 | 0.15 | 0.02 | 0.12 | 0.02 | 8.45 | 0.39 | 2.54 | 0.02 | 0.12 | 0.32 | 2.76 | 4.81 | 2.54 | 0.19 | 0.03 | 2.15 | 0.97 | | | | | |
| 178 | Vacant School | 685612.9 | 4864520.0 | | | 1.08E-05 | 5.29E-03 | | 7.15 | 0.49 | 0.08 | 0.38 | 0.06 | 27.51 | 1.26 | 8.27 | 0.06 | 0.40 | 1.04 | 8.99 | 15.66 | 8.28 | 0.60 | 0.09 | 7.01 | 3.16 | | | | | |
| 179 | Secondary School A | 686291.4 | 4865064.3 | | | 9.56E-06 | 4.66E-03 | | 6.33 | 0.44 | 0.07 | 0.34 | 0.05 | 24.38 | 1.12 | 7.33 | 0.05 | 0.36 | 0.92 | 7.97 | 13.88 | 7.34 | 0.53 | 0.08 | 6.21 | 2.80 | | | | | |
| 180 | Secondary School B | 683875.0 | 4864741.7 | | | 6.78E-06 | 6.41E-03 | | 4.49 | 0.31 | 0.05 | 0.24 | 0.04 | 17.30 | 0.79 | 5.20 | 0.04 | 0.25 | 0.65 | 5.65 | 9.85 | 5.21 | 0.38 | 0.05 | 4.41 | 1.99 | | | | | |
| 181 | Secondary School C | 684650.3 | 4866460.3 | | | 9.36E-06 | 4.80E-03 | | 6.20 | 0.43 | 0.07 | 0.33 | 0.05 | 23.87 | 1.09 | 7.18 | 0.05 | 0.35 | 0.90 | 7.80 | 13.59 | 7.18 | 0.52 | 0.07 | 6.09 | 2.75 | | | | | |
| 182 | Secondary School D | 678099.5 | 4864838.2 | | | 4.07E-06 | 2.99E-03 | | 2.70 | 0.19 | 0.03 | 0.14 | 0.02 | 10.39 | 0.48 | 3.12 | 0.02 | 0.15 | 0.39 | 3.39 | 5.91 | 3.13 | 0.23 | 0.03 | 2.65 | 1.19 | | | | | |
| 183 | Secondary School E | 678467.0 | 4863431.2 | | | 2.95E-06 | 3.97E-03 | | 1.96 | 0.13 | 0.02 | 0.10 | 0.02 | 7.53 | 0.34 | 2.27 | 0.02 | 0.11 | 0.29 | 2.46 | 4.29 | 2.27 | 0.17 | 0.02 | 1.92 | 0.87 | | | | | |
| 184 | Secondary School F | 674144.9 | 4862762.7 | | | 7.48E-06 | 3.47E-03 | | 4.96 | 0.34 | 0.05 | 0.26 | 0.04 | 19.07 | 0.87 | 5.73 | 0.04 | 0.28 | 0.72 | 6.23 | 10.86 | 5.74 | 0.42 | 0.06 | 4.86 | 2.19 | | | | | |
| 185 | Secondary School G | 673816.0 | 4864357.1 | | | 5.63E-06 | 2.62E-03 | | 3.73 | 0.26 | 0.04 | 0.20 | 0.03 | 14.37 | 0.66 | 4.32 | 0.03 | 0.21 | 0.54 | 4.69 | 8.18 | 4.32 | 0.31 | 0.05 | 3.66 | 1.65 | | | | | |
| 186 | Secondary School H | 673145.4 | 4858569.0 | | | 1.70E-06 | 2.72E-03 | | 1.13 | 0.08 | 0.01 | 0.06 | 9.43E-03 | 4.33 | 0.20 | 1.30 | 9.06E-03 | 0.06 | 0.16 | 1.42 | 2.47 | 1.30 | 0.09 | 0.01 | 1.10 | 0.50 | | | | | |
| 187 | Secondary School I | 671291.7 | 4863581.3 | | | 2.85E-06 | 2.87E-03 | | 1.89 | 0.13 | 0.02 | 0.10 | 0.02 | 7.27 | 0.33 | 2.19 | 0.02 | 0.11 | 0.28 | 2.38 | 4.14 | 2.19 | 0.16 | 0.02 | 1.85 | 0.84 | | | | | |
| 188 | Secondary School J | 671443.2 | 4861664.9 | | | 3.85E-06 | 2.54E-03 | | 2.55 | 0.18 | 0.03 | 0.14 | 0.02 | 9.82 | 0.45 | 2.95 | 0.02 | 0.14 | 0.37 | 3.21 | 5.59 | 2.96 | 0.22 | 0.03 | 2.50 | 1.13 | | | | | |
| 189 | Secondary School K | 673235.3 | 4860885.0 | | | 4.84E-06 | 2.75E-03 | | 3.20 | 0.22 | 0.03 | 0.17 | 0.03 | 12.34 | 0.56 | 3.71 | 0.03 | 0.18 | 0.47 | 4.03 | 7.02 | 3.71 | 0.27 | 0.04 | 3.14 | 1.42 | | | | | |
| 190 | Secondary School L | 684252.7 | 4866500.5 | | | 8.22E-06 | 4.97E-03 | | 5.44 | 0.38 | 0.06 | 0.29 | 0.05 | 20.95 | 0.96 | 6.30 | 0.04 | 0.31 | 0.79 | 6.85 | 11.93 | 6.30 | 0.46 | 0.07 | 5.34 | 2.41 | | | | | |
| 191 | Secondary School M | 673914.1 | 4859551.7 | | | 1.59E-06 | 3.53E-03 | | 1.05 | 0.07 | 0.01 | 0.06 | 8.84E-03 | 4.06 | 0.19 | 1.22 | 8.49E-03 | 0.06 | 0.15 | 1.33 | 2.31 | 1.22 | 0.09 | 0.01 | 1.03 | 0.47 | | | | | |
| 192 | Secondary School N | 675051.5 | 4864177.2 | | | 5.71E-06 | 3.05E-03 | | 3.78 | 0.26 | 0.04 | 0.20 | 0.03 | 14.56 | 0.67 | 4.38 | 0.03 | 0.21 | 0.55 | 4.76 | 8.29 | 4.38 | 0.32 | 0.05 | 3.71 | 1.67 | | | | | |
| 193 | Adult School | 685276.1 | 4866019.8 | | | 1.05E-05 | 4.53E-03 | | 6.96 | 0.48 | 0.07 | 0.37 | 0.06 | 26.81 | 1.23 | 8.06 | 0.06 | 0.39 | 1.02 | 8.76 | 15.26 | 8.07 | 0.59 | 0.08 | 6.83 | 3.08 | | | | | |
| 194 | Bow. Valley Cons. 1 | 685356.6 | 4864521.2 | | | 1.07E-05 | 5.27E-03 | | 7.12 | 0.49 | 0.08 | 0.38 | 0.06 | 27.39 | 1.25 | 8.24 | 0.06 | 0.40 | 1.04 | 8.95 | 15.60 | 8.24 | 0.60 | 0.09 | 6.98 | 3.15 | | | | | |
| 195 | Bow. Valley Cons. 2 | 685627.7 | 4864167.8 | | | 1.18E-05 | 5.02E-03 | | 7.80 | 0.54 | 0.08 | 0.41 | 0.07 | 30.02 | 1.37 | 9.02 | 0.06 | 0.44 | 1.14 | 9.81 | 17.09 | 9.03 | 0.66 | 0.09 | 7.65 | 3.45 | | | | | |
| 196 | Bow. Valley Cons. 4 | 685852.7 | 4863640.2 | | | 1.35E-05 | 5.10E-03 | | 8.95 | 0.62 | 0.09 | 0.48 | 0.07 | 34.45 | 1.58 | 10.36 | 0.07 | 0.51 | 1.30 | 11.26 | 19.61 | 10.37 | 0.75 | 0.11 | 8.78 | 3.96 | | | | | |
| 197 | Bow. Valley Cons. 5 | 686163.1 | 4863621.5 | | | 1.27E-05 | 4.99E-03 | | 8.43 | 0.58 | 0.09 | 0.45 | 0.07 | 32.46 | 1.49 | 9.76 | 0.07 | 0.48 | 1.23 | 10.61 | 18.48 | 9.77 | 0.71 | 0.10 | 8.27 | 3.73 | | | | | |
| 198 | Bow. Valley Cons. 6 | 685931.9 | 4863380.6 | | | 1.33E-05 | 5.22E-03 | | 8.80 | 0.61 | 0.09 | 0.47 | 0.07 | 33.86 | 1.55 | 10.18 | 0.07 | 0.50 | 1.28 | 11.06 | 19.28 | 10.19 | 0.74 | 0.11 | 8.63 | 3.89 | | | | | |
| 199 | Maple Grove 1 | 681688.5 | 4864717.0 | | | 2.26E-06 | 4.78E-03 | | 1.49 | 0.10 | 0.02 | 0.08 | 0.01 | 5.75 | 0.26 | 1.73 | 0.01 | 0.08 | 0.22 | 1.88 | 3.28 | 1.73 | 0.13 | 0.02 | 1.47 | 0.66 | | | | | |
| 200 | Maple Grove 2 | 681768.9 | 4864631.8 | | | 1.79E-06 | 5.00E-03 | | 1.19 | 0.08 | 0.01 | 0.06 | 9.97E-03 | 4.58 | 0.21 | 1.38 | 9.57E-03 | 0.07 | 0.17 | 1.50 | 2.61 | 1.38 | 0.10 | 0.01 | 1.17 | 0.53 | | | | | |
| 201 | Maple Grove 3 | 681894.9 | 4864506.8 | | | 1.39E-06 | 5.24E-03 | | 0.92 | 0.06 | 9.72E-03 | 0.05 | 7.71E-03 | 3.54 | 0.16 | 1.06 | 7.41E-03 | 0.05 | 0.13 | 1.16 | 2.02 | 1.07 | 0.08 | 0.01 | 0.90 | 0.41 | | | | | |
| 202 | Maple Grove 4 | 681974.8 | 4864443.2 | | | 1.28E-06 | 5.61E-03 | | 0.85 | 0.06 | 8.93E-03 | 0.04 | 7.08E-03 | 3.25 | 0.15 | 0.98 | 6.80E-03 | 0.05 | 0.12 | 1.06 | 1.85 | 0.98 | 0.07 | 0.01 | 0.83 | 0.37 | | | | | |
| 203 | Maple Grove 5 | 681942.2 | 4864676.7 | | | 2.13E-06 | 4.94E-03 | | 1.41 | 0.10 | 0.01 | 0.07 | 0.01 | 5.42 | 0.25 | 1.63 | 0.01 | 0.08 | 0.21 | 1.77 | 3.09 | 1.63 | 0.12 | 0.02 | 1.38 | 0.62 | | | | | |
| 204 | Maple Grove 6 | 682053.2 | 4864586.2 | | | 1.65E-06 | 5.44E-03 | | 1.09 | 0.08 | 0.01 | 0.06 | 9.13E-03 | 4.20 | 0.19 | 1.26 | 8.77E-03 | 0.06 | 0.16 | 1.37 | 2.39 | 1.26 | 0.09 | 0.01 | 1.07 | 0.48 | | | | | |
| 205 | Maple Grove 7 | 682168.5 | 4864631.3 | | | 1.88E-06 | 5.66E-03 | | 1.24 | 0.09 | 0.01 | 0.07 | 0.01 | 4.79 | 0.22 | 1.44 | 0.01 | 0.07 | 0.18 | 1.56 | 2.73 | 1.44 | 0.10 | 0.02 | 1.22 | 0.55 | | | | | |
| 206 | Maple Grove 8 | 682261.7 | 4864520.9 | | | 1.62E-06 | 6.28E-03 | | 1.07 | 0.07 | 0.01 | 0.06 | 9.00E-03 | 4.13 | 0.19 | 1.24 | 8.65E-03 | 0.06 | 0.16 | 1.35 | 2.35 | 1.24 | 0.09 | 0.01 | 1.05 | 0.48 | | | | | |
| 207 | Maple Grove 9 | 682382.1 | 4864589.4 | | | 1.90E-06 | 6.42E-03 | | 1.26 | 0.09 | 0.01 | 0.07 | 0.01 | 4.84 | 0.22 | 1.46 | 0.01 | 0.07 | 0.18 | 1.58 | 2.76 | 1.46 | 0.11 | 0.02 | 1.23 | 0.56 | | | | | |
| 208 | Maple Grove 10 | 682459.8 | 4864499.2 | | | 1.66E-06 | 6.99E-03 | | 1.10 | 0.08 | 0.01 | 0.06 | 9.22E-03 | 4.24 | 0.19 | 1.27 | 8.86E-03 | 0.06 | 0.16 | 1.38 | 2.41 | 1.27 | 0.09 | 0.01 | 1.08 | 0.49 | | | | | |
| 209 | Port Darlington 1 | 686227.8 | 4861159.0 | | | 4.13E-06 | 7.54E-03 | | 2.74 | 0.19 | 0.03 | 0.15 | 0.02 | 10.54 | 0.48 | 3.17 | 0.02 | 0.16 | 0.40 | 3.44 | 6.00 | 3.17 | 0.23 | 0.03 | 2.69 | 1.21 | | | | | |
| 210 | Port Darlington 2 | 686184.8 | 4861252.0 | | | 4.29E-06 | 7.48E-03 | | 2.84 | 0.20 | 0.03 | 0.15 | 0.02 | 10.94 | 0.50 | 3.29 | 0.02 | 0.16 | 0.41 | 3.58 | 6.23 | 3.29 | 0.24 | 0.03 | 2.79 | 1.26 | | | | | |
| 211 | Port Darlington 3 | 686151.2 | 4861286.8 | | | 4.35E-06 | 7.34E-03 | | 2.88 | 0.20 | 0.03 | 0.15 | 0.02 | 11.09 | 0.51 | 3.33 | 0.02 | 0.16 | | | | | | | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Dioxins and Furans (as TEQ Equivalent) | Polychlorinated Biphenyls (PCB) | Metals | Aluminum | Antimony | Arsenic | Barium | Beryllium | Boron | Cadmium (Cd) | Cadmium and Thallium (Cd + Th) | Chromium (hexavalent) | Total Chromium (and compounds) | Cobalt | Lead (Pb) | Nickel | Phosphorus | Silver | Selenium | Thallium | Tin | | | | | |
|----------|----------------------------|----------|-----------|-------------|----------------------------------|--|---------------------------------|--------|----------|----------|----------|----------|-----------|----------|--------------|--------------------------------|-----------------------|--------------------------------|----------|-----------|----------|------------|----------|----------|----------|----------|----------|----------|----------|---|---|
| | | | | | | Vapour (V)/Particulate (P) Phase | P | | V | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| | | | | | | Facility Contaminant Emission Rate (g/s) | (m) | | (m) | 2.48E-09 | 2.98E-06 | 1.64E-03 | 1.13E-04 | 1.73E-05 | 8.73E-05 | 1.38E-05 | 6.32E-03 | 2.89E-04 | 1.90E-03 | 1.32E-05 | 9.29E-05 | 2.39E-04 | 2.07E-03 | 3.60E-03 | 1.90E-03 | 1.38E-04 | 1.98E-05 | 1.61E-03 | 7.27E-04 | | |
| 276 | Farm E | 679277.0 | 4859981.5 | | | 4.41E-07 | 7.57E-03 | | 0.29 | 0.02 | 3.09E-03 | 0.02 | 2.45E-03 | 1.12 | 0.05 | 0.34 | 2.35E-03 | 0.02 | 0.04 | 0.37 | 0.64 | 0.34 | 0.02 | 3.53E-03 | 0.29 | 0.13 | | | | | |
| 277 | Residence | 679387.2 | 4860648.9 | | | 1.95E-06 | 0.01 | | 1.29 | 0.09 | 0.01 | 0.07 | 0.01 | 4.97 | 0.23 | 1.49 | 0.01 | 0.07 | 0.19 | 1.62 | 2.83 | 1.50 | 0.11 | 0.02 | 1.27 | 0.57 | | | | | |
| 278 | Farm F | 679261.9 | 4860574.2 | | | 2.20E-06 | 0.02 | | 1.46 | 0.10 | 0.02 | 0.08 | 0.01 | 5.62 | 0.26 | 1.69 | 0.01 | 0.08 | 0.21 | 1.84 | 3.20 | 1.69 | 0.12 | 0.02 | 1.43 | 0.65 | | | | | |
| 279 | Residence | 680150.7 | 4861295.7 | | | 5.82E-07 | 9.03E-03 | | 0.39 | 0.03 | 4.07E-03 | 0.02 | 3.23E-03 | 1.48 | 0.07 | 0.45 | 3.10E-03 | 0.02 | 0.06 | 0.48 | 0.84 | 0.45 | 0.03 | 4.65E-03 | 0.38 | 0.17 | | | | | |
| 280 | Residence | 679939.8 | 4861213.4 | | | 6.99E-07 | 9.93E-03 | | 0.46 | 0.03 | 4.89E-03 | 0.02 | 3.88E-03 | 1.78 | 0.08 | 0.54 | 3.73E-03 | 0.03 | 0.07 | 0.58 | 1.02 | 0.54 | 0.04 | 5.59E-03 | 0.45 | 0.21 | | | | | |
| 281 | Farm G | 680855.7 | 4861456.9 | | | 1.24E-06 | 0.01 | | 0.82 | 0.06 | 8.66E-03 | 0.04 | 6.87E-03 | 3.16 | 0.14 | 0.95 | 6.60E-03 | 0.05 | 0.12 | 1.03 | 1.80 | 0.95 | 0.07 | 9.90E-03 | 0.80 | 0.36 | | | | | |
| 282 | Farm H | 681386.2 | 4861673.3 | | | 2.09E-06 | 0.02 | | 1.38 | 0.10 | 0.01 | 0.07 | 0.01 | 5.32 | 0.24 | 1.60 | 0.01 | 0.08 | 0.20 | 1.74 | 3.03 | 1.60 | 0.12 | 0.02 | 1.36 | 0.61 | | | | | |
| 283 | Residence | 680683.5 | 4861597.9 | | | 1.53E-06 | 9.72E-03 | | 1.01 | 0.07 | 0.01 | 0.05 | 8.48E-03 | 3.90 | 0.18 | 1.17 | 8.15E-03 | 0.06 | 0.15 | 1.27 | 2.22 | 1.17 | 0.09 | 0.01 | 0.99 | 0.45 | | | | | |
| 284 | Business | 680064.3 | 4861343.7 | | | 5.47E-07 | 9.21E-03 | | 0.36 | 0.02 | 3.83E-03 | 0.02 | 3.04E-03 | 1.40 | 0.06 | 0.42 | 2.92E-03 | 0.02 | 0.05 | 0.46 | 0.79 | 0.42 | 0.03 | 4.38E-03 | 0.36 | 0.16 | | | | | |
| 285 | Farm I | 679680.1 | 4861213.5 | | | 9.33E-07 | 0.01 | | 0.62 | 0.04 | 6.53E-03 | 0.03 | 5.18E-03 | 2.38 | 0.11 | 0.72 | 4.98E-03 | 0.03 | 0.09 | 0.78 | 1.35 | 0.72 | 0.05 | 7.46E-03 | 0.61 | 0.27 | | | | | |
| 286 | Farm J | 681344.8 | 4861792.9 | | | 2.75E-06 | 0.02 | | 1.82 | 0.13 | 0.02 | 0.10 | 0.02 | 7.00 | 0.32 | 2.10 | 0.01 | 0.10 | 0.27 | 2.29 | 3.99 | 2.11 | 0.15 | 0.02 | 1.78 | 0.81 | | | | | |
| 287 | Youth Centre | 685644.2 | 4864814.8 | | | 1.02E-05 | 5.33E-03 | | 6.76 | 0.47 | 0.07 | 0.36 | 0.06 | 26.00 | 1.19 | 7.82 | 0.05 | 0.38 | 0.98 | 8.50 | 14.81 | 7.83 | 0.57 | 0.08 | 6.63 | 2.99 | | | | | |
| 288 | Bowmanville Arena | 685462.9 | 4864615.2 | | | 1.06E-05 | 5.40E-03 | | 7.03 | 0.48 | 0.07 | 0.37 | 0.06 | 27.07 | 1.24 | 8.14 | 0.06 | 0.40 | 1.02 | 8.85 | 15.41 | 8.14 | 0.59 | 0.08 | 6.90 | 3.11 | | | | | |
| 289 | Bowmanville Rec Complex | 684160.3 | 4864604.5 | | | 9.34E-06 | 6.00E-03 | | 6.19 | 0.43 | 0.07 | 0.33 | 0.05 | 23.82 | 1.09 | 7.16 | 0.05 | 0.35 | 0.90 | 7.78 | 13.56 | 7.17 | 0.52 | 0.07 | 6.07 | 2.74 | | | | | |
| 290 | Recreation Complex | 684586.6 | 4862406.3 | | | 1.58E-06 | 6.74E-03 | | 1.05 | 0.07 | 0.01 | 0.06 | 8.78E-03 | 4.03 | 0.18 | 1.21 | 8.43E-03 | 0.06 | 0.15 | 1.32 | 2.30 | 1.21 | 0.09 | 0.01 | 1.03 | 0.46 | | | | | |
| 291 | Superdog Central | 681487.7 | 4865723.3 | | | 3.93E-06 | 3.77E-03 | | 2.60 | 0.18 | 0.03 | 0.14 | 0.02 | 10.02 | 0.46 | 3.01 | 0.02 | 0.15 | 0.38 | 3.28 | 5.71 | 3.02 | 0.22 | 0.03 | 2.56 | 1.15 | | | | | |
| 292 | Equestrian Centre | 681567.1 | 4863670.7 | | | 9.28E-07 | 6.62E-03 | | 0.62 | 0.04 | 6.50E-03 | 0.03 | 5.15E-03 | 2.37 | 0.11 | 0.71 | 4.95E-03 | 0.03 | 0.09 | 0.77 | 1.35 | 0.71 | 0.05 | 7.43E-03 | 0.60 | 0.27 | | | | | |
| 293 | Flea Market | 678574.6 | 4862819.4 | | | 7.40E-07 | 4.87E-03 | | 0.49 | 0.03 | 5.18E-03 | 0.03 | 4.11E-03 | 1.89 | 0.09 | 0.57 | 3.95E-03 | 0.03 | 0.07 | 0.62 | 1.07 | 0.57 | 0.04 | 5.92E-03 | 0.48 | 0.22 | | | | | |
| 294 | Equestrian Centre | 680030.8 | 4867320.2 | | | 1.41E-06 | 2.65E-03 | | 0.93 | 0.06 | 9.88E-03 | 0.05 | 7.83E-03 | 3.60 | 0.16 | 1.08 | 7.53E-03 | 0.05 | 0.14 | 1.18 | 2.05 | 1.08 | 0.08 | 0.01 | 0.92 | 0.41 | | | | | |
| 295 | Courtice Community Complex | 678099.3 | 4864629.8 | | | 3.92E-06 | 3.02E-03 | | 2.60 | 0.18 | 0.03 | 0.14 | 0.02 | 10.00 | 0.46 | 3.01 | 0.02 | 0.15 | 0.38 | 3.27 | 5.69 | 3.01 | 0.22 | 0.03 | 2.55 | 1.15 | | | | | |
| 296 | Former Restaurant | 679830.2 | 4860702.2 | | | 1.13E-06 | 8.79E-03 | | 0.75 | 0.05 | 7.88E-03 | 0.04 | 6.25E-03 | 2.87 | 0.13 | 0.86 | 6.00E-03 | 0.04 | 0.11 | 0.94 | 1.63 | 0.86 | 0.06 | 9.00E-03 | 0.73 | 0.33 | | | | | |
| 297 | Commercial | 679364.8 | 4861016.0 | | | 1.79E-06 | 0.01 | | 1.19 | 0.08 | 0.01 | 0.06 | 9.94E-03 | 4.56 | 0.21 | 1.37 | 9.54E-03 | 0.07 | 0.17 | 1.49 | 2.60 | 1.37 | 0.10 | 0.01 | 1.16 | 0.52 | | | | | |
| 298 | GM Oshawa Headquarters | 676418.3 | 4860463.7 | | | 1.06E-06 | 6.43E-03 | | 0.70 | 0.05 | 7.43E-03 | 0.04 | 5.89E-03 | 2.71 | 0.12 | 0.81 | 5.66E-03 | 0.04 | 0.10 | 0.88 | 1.54 | 0.81 | 0.06 | 8.49E-03 | 0.69 | 0.31 | | | | | |
| 299 | Farm K | 682972.3 | 4862201.9 | | | 1.05E-06 | 0.01 | | 0.70 | 0.05 | 7.34E-03 | 0.04 | 5.82E-03 | 2.68 | 0.12 | 0.80 | 5.60E-03 | 0.04 | 0.10 | 0.87 | 1.52 | 0.81 | 0.06 | 8.39E-03 | 0.68 | 0.31 | | | | | |
| 300 | Farm L | 683546.9 | 4861959.7 | | | 9.82E-07 | 9.24E-03 | | 0.65 | 0.04 | 6.88E-03 | 0.03 | 5.45E-03 | 2.50 | 0.11 | 0.75 | 5.24E-03 | 0.04 | 0.09 | 0.82 | 1.43 | 0.75 | 0.05 | 7.86E-03 | 0.64 | 0.29 | | | | | |
| 301 | Farm M | 682547.5 | 4862321.1 | | | 1.14E-06 | 0.01 | | 0.75 | 0.05 | 7.98E-03 | 0.04 | 6.33E-03 | 2.91 | 0.13 | 0.87 | 6.08E-03 | 0.04 | 0.11 | 0.95 | 1.65 | 0.87 | 0.06 | 9.11E-03 | 0.74 | 0.33 | | | | | |
| 302 | Farm N | 683238.3 | 4862393.3 | | | 8.17E-07 | 9.30E-03 | | 0.54 | 0.04 | 5.72E-03 | 0.03 | 4.53E-03 | 2.08 | 0.10 | 0.63 | 4.35E-03 | 0.03 | 0.08 | 0.68 | 1.19 | 0.63 | 0.05 | 6.53E-03 | 0.53 | 0.24 | | | | | |
| 303 | Farm O | 682512.6 | 4862858.0 | | | 1.06E-06 | 0.01 | | 0.71 | 0.05 | 7.45E-03 | 0.04 | 5.91E-03 | 2.72 | 0.12 | 0.82 | 5.68E-03 | 0.04 | 0.10 | 0.89 | 1.55 | 0.82 | 0.06 | 8.52E-03 | 0.69 | 0.31 | | | | | |
| 304 | Farm P | 683129.1 | 4863649.4 | | | 2.57E-06 | 8.62E-03 | | 1.70 | 0.12 | 0.02 | 0.09 | 0.01 | 6.55 | 0.30 | 1.97 | 0.01 | 0.10 | 0.25 | 2.14 | 3.73 | 1.97 | 0.14 | 0.02 | 1.67 | 0.75 | | | | | |
| 305 | Bennett 1 | 688209.3 | 4862512.1 | | | 1.63E-06 | 4.63E-03 | | 1.08 | 0.07 | 0.01 | 0.06 | 9.04E-03 | 4.15 | 0.19 | 1.25 | 8.69E-03 | 0.06 | 0.16 | 1.36 | 2.36 | 1.25 | 0.09 | 0.01 | 1.06 | 0.48 | | | | | |
| 306 | Bennett 2 | 687990.0 | 4863221.3 | | | 3.92E-06 | 4.01E-03 | | 2.60 | 0.18 | 0.03 | 0.14 | 0.02 | 10.00 | 0.46 | 3.01 | 0.02 | 0.15 | 0.38 | 3.27 | 5.70 | 3.01 | 0.22 | 0.03 | 2.55 | 1.15 | | | | | |
| 307 | Bennett 3 | 688818.4 | 4862836.3 | | | 2.21E-06 | 3.91E-03 | | 1.46 | 0.10 | 0.02 | 0.08 | 0.01 | 5.62 | 0.26 | 1.69 | 0.01 | 0.08 | 0.21 | 1.84 | 3.20 | 1.69 | 0.12 | 0.02 | 1.43 | 0.65 | | | | | |
| 308 | Bennett 4 | 689045.1 | 4863365.5 | | | 2.81E-06 | 3.81E-03 | | 1.86 | 0.13 | 0.02 | 0.10 | 0.02 | 7.16 | 0.33 | 2.15 | 0.01 | 0.11 | 0.27 | 2.34 | 4.08 | 2.16 | 0.16 | 0.02 | 1.83 | 0.82 | | | | | |
| 309 | Bennett 5 | 688270.5 | 4863763.1 | | | 3.84E-06 | 4.10E-03 | | 2.54 | 0.18 | 0.03 | 0.14 | 0.02 | 9.78 | 0.45 | 2.94 | 0.02 | 0.14 | 0.37 | 3.20 | 5.57 | 2.94 | 0.21 | 0.03 | 2.49 | 1.12 | | | | | |
| 310 | Bennett 6 | 689908.5 | 4863100.5 | | | 1.90E-06 | 3.49E-03 | | 1.26 | 0.09 | 0.01 | 0.07 | 0.01 | 4.84 | 0.22 | 1.46 | 0.01 | 0.07 | 0.18 | 1.58 | 2.76 | 1.46 | 0.11 | 0.02 | 1.23 | 0.56 | | | | | |
| 311 | Bennett 7 | 688929.9 | 4864392.0 | | | 1.35E-06 | 4.31E-03 | | 0.90 | 0.06 | 9.47E-03 | 0.05 | 7.51E-03 | 3.45 | 0.16 | 1.04 | 7.22E-03 | 0.05 | 0.13 | 1.13 | 1.96 | 1.04 | 0.08 | 0.01 | 0.88 | 0.40 | | | | | |
| 312 | Bennett 8 | 689684.2 | 4863837.7 | | | 1.62E-06 | 3.61E-03 | | 1.08 | 0.07 | 0.01 | 0.06 | 9.02E-03 | 4.14 | 0.19 | 1.25 | 8.66E-03 | 0.06 | 0.16 | 1.35 | 2.36 | 1.25 | 0.09 | 0.01 | 1.06 | 0.48 | | | | | |
| 313 | Soper 1 | 687557.9 | 4862512.4 | | | 3.72E-06 | 4.61E-03 | | 2.46 | 0.17 | 0.03 | 0.13 | 0.02 | 9.48 | 0.43 | 2.85 | 0.02 | 0.14 | 0.36 | 3.10 | 5.40 | 2.85 | 0.21 | 0.03 | 2.42 | 1.09 | | | | | |
| 314 | Soper 2 | 687241.9 | 4863171.7 | | | 8.44E-06 | 4.35E-03 | | 5.59 | 0.39 | 0.06 | 0.30 | 0.05 | 21.52 | 0.98 | 6.47 | 0.05 | 0.32 | 0.81 | 7.03 | 12.25 | 6.48 | 0.47 | 0.07 | 5.49 | 2.48 | | | | | |
| 315 | Soper 3 | 687023.2 | 4863903.8 | | | 1.05E-05 | 4.43E-03 | | 6.92 | 0.48 | 0.07 | 0.37 | 0.06 | 26.65 | 1.22 | 8.01 | 0.06 | 0.39 | 1.01 | 8.71 | 15.17 | 8.02 | 0.58 | 0.08 | 6.79 | 3.07 | | | | | |
| 316 | Soper 4 | 688158.2 | 4865389.3 | | | 2.03E-06 | 3.90E-03 | | 1.34 | 0.09 | 0.01 | 0.07 | 0.01 | 5.17 | 0.24 | 1.56 | 0.01 | 0.08 | 0.20 | 1.69 | 2.95 | 1.56 | 0.11 | 0.02 | 1.32 | 0.59 | | | | | |
| 317 | Soper 5 | 685027.3 | 4868253.9 | | | 2.36E-06 | 4.20E-03 | | 1.56 | 0.11 | 0.02 | 0.08 | 0.01 | 6.02 | 0.28 | 1.81 | 0.01 | 0.09 | 0.23 | 1.97 | 3.43 | 1.81 | 0.13 | 0.02 | 1.53 | 0.69 | | | | | |
| 318 | Soper 6 | 687287.4 | 4867037.3 | | | 1.47E-06 | 3.98E-03 | | 0.97 | 0.07 | 0.01 | 0.05 | 8.15E-03 | 3.74 | 0.17 | 1.13 | 7.83E-03 | 0.06 | 0.14 | 1.22 | 2.13 | 1.13 | 0.08 | 0.01 | 0.95 | 0.43 | | | | | |
| 319 | Soper 7 | 685683.2 | 4867148.1 | | | 6.61E-06 | 4.24E-03 | | 4.38 | 0.30 | 0.05 | 0.23 | 0.04 | 16.87 | 0.77 | 5.07 | 0.04 | 0.25 | 0.64 | 5.51 | 9.60 | 5.08 | 0.37 | 0.05 | 4.30 | 1.94 | | | | | |
| 320 | Soper 8 | 686748.7 | 4865874.7 | | | 6.50E-06 | 4.33E-03 | | 4.31 | 0.30 | 0.05 | 0.23 | 0.04 | 16.57 | 0.76 | 4.98 | 0.03 | 0.24 | 0.63 | 5.42 | 9.44 | 4.99 | 0.36 | 0.05 | 4.22 | 1.91 | | | | | |
| 321 | Bowmanville 1 | 687026.3 | 4862368.4 | | | 4.18E- | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Dioxins and Furans (as TEQ Equivalent) | Polychlorinated Biphenyls (PCB) | Metals | Aluminum | Antimony | Arsenic | Barium | Beryllium | Boron | Cadmium (Cd) | Cadmium and Thallium (Cd + Th) | Chromium (hexavalent) | Total Chromium (and compounds) | Cobalt | Lead (Pb) | Nickel | Phosphorus | Silver | Selenium | Thallium | Tin | | | | | |
|----------|------------------|----------|-----------|-------------|----------------------------------|--|---------------------------------|--------|----------|----------|----------|----------|-----------|----------|--------------|--------------------------------|-----------------------|--------------------------------|----------|-----------|----------|------------|----------|----------|----------|----------|----------|----------|----------|---|---|
| | | | | | | Vapour (V)/Particulate (P) Phase | P | | V | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| | | | | | | Facility Contaminant Emission Rate (g/s) | (m) | | (m) | 2.48E-09 | 2.98E-06 | 1.64E-03 | 1.13E-04 | 1.73E-05 | 8.73E-05 | 1.38E-05 | 6.32E-03 | 2.89E-04 | 1.90E-03 | 1.32E-05 | 9.29E-05 | 2.39E-04 | 2.07E-03 | 3.60E-03 | 1.90E-03 | 1.38E-04 | 1.98E-05 | 1.61E-03 | 7.27E-04 | | |
| 331 | Upper Tooley 4 | 678898.8 | 4861800.6 | | | 1.06E-06 | 9.10E-03 | | 0.70 | 0.05 | 7.41E-03 | 0.04 | 5.88E-03 | 2.70 | 0.12 | 0.81 | 5.65E-03 | 0.04 | 0.10 | 0.88 | 1.54 | 0.81 | 0.06 | 8.47E-03 | 0.69 | 0.31 | | | | | |
| 332 | Upper Tooley 5 | 680353.5 | 4862156.5 | | | 4.95E-06 | 0.01 | | 3.28 | 0.23 | 0.03 | 0.17 | 0.03 | 12.61 | 0.58 | 3.79 | 0.03 | 0.19 | 0.48 | 4.12 | 7.18 | 3.80 | 0.28 | 0.04 | 3.21 | 1.45 | | | | | |
| 333 | Upper Tooley 6 | 679818.1 | 4861625.7 | | | 9.90E-07 | 8.18E-03 | | 0.66 | 0.05 | 6.93E-03 | 0.03 | 5.49E-03 | 2.52 | 0.12 | 0.76 | 5.28E-03 | 0.04 | 0.10 | 0.82 | 1.44 | 0.76 | 0.06 | 7.92E-03 | 0.64 | 0.29 | | | | | |
| 334 | Robinson 1 | 678434.8 | 4860943.1 | | | 1.52E-05 | 0.01 | | 10.10 | 0.70 | 0.11 | 0.54 | 0.08 | 38.87 | 1.78 | 11.69 | 0.08 | 0.57 | 1.47 | 12.70 | 22.13 | 11.70 | 0.85 | 0.12 | 9.91 | 4.47 | | | | | |
| 335 | Robinson 2 | 677752.6 | 4861240.6 | | | 3.61E-06 | 9.92E-03 | | 2.39 | 0.16 | 0.03 | 0.13 | 0.02 | 9.20 | 0.42 | 2.77 | 0.02 | 0.14 | 0.35 | 3.01 | 5.24 | 2.77 | 0.20 | 0.03 | 2.34 | 1.06 | | | | | |
| 336 | Robinson 3 | 677642.2 | 4861787.2 | | | 7.28E-07 | 7.66E-03 | | 0.48 | 0.03 | 5.10E-03 | 0.03 | 4.04E-03 | 1.86 | 0.08 | 0.56 | 3.88E-03 | 0.03 | 0.07 | 0.61 | 1.06 | 0.56 | 0.04 | 5.82E-03 | 0.47 | 0.21 | | | | | |
| 337 | Robinson 4 | 678532.7 | 4862143.6 | | | 1.29E-06 | 7.55E-03 | | 0.86 | 0.06 | 9.03E-03 | 0.05 | 7.17E-03 | 3.29 | 0.15 | 0.99 | 6.88E-03 | 0.05 | 0.12 | 1.08 | 1.87 | 0.99 | 0.07 | 0.01 | 0.84 | 0.38 | | | | | |
| 338 | Robinson 5 | 678005.1 | 4862784.9 | | | 8.99E-07 | 5.33E-03 | | 0.60 | 0.04 | 6.29E-03 | 0.03 | 4.99E-03 | 2.29 | 0.10 | 0.69 | 4.79E-03 | 0.03 | 0.09 | 0.75 | 1.31 | 0.69 | 0.05 | 7.19E-03 | 0.58 | 0.26 | | | | | |
| 339 | Robinson 6 | 677882.7 | 4860587.7 | | | 8.38E-06 | 0.01 | | 5.55 | 0.38 | 0.06 | 0.30 | 0.05 | 21.38 | 0.98 | 6.43 | 0.04 | 0.31 | 0.81 | 6.99 | 12.17 | 6.43 | 0.47 | 0.07 | 5.45 | 2.46 | | | | | |
| 340 | F/B 1 | 677443.1 | 4867862.1 | | | 1.31E-06 | 2.31E-03 | | 0.87 | 0.06 | 9.15E-03 | 0.05 | 7.25E-03 | 3.33 | 0.15 | 1.00 | 6.97E-03 | 0.05 | 0.13 | 1.09 | 1.90 | 1.00 | 0.07 | 0.01 | 0.85 | 0.38 | | | | | |
| 341 | F/B 2 | 679667.4 | 4866611.4 | | | 1.09E-06 | 2.98E-03 | | 0.73 | 0.05 | 7.66E-03 | 0.04 | 6.08E-03 | 2.79 | 0.13 | 0.84 | 5.84E-03 | 0.04 | 0.11 | 0.91 | 1.59 | 0.84 | 0.06 | 8.76E-03 | 0.71 | 0.32 | | | | | |
| 342 | F/B 3 | 678655.0 | 4867470.1 | | | 2.86E-06 | 2.66E-03 | | 1.89 | 0.13 | 0.02 | 0.10 | 0.02 | 7.29 | 0.33 | 2.19 | 0.02 | 0.11 | 0.28 | 2.38 | 4.15 | 2.19 | 0.16 | 0.02 | 1.86 | 0.84 | | | | | |
| 343 | F/B 4 | 676191.2 | 4866844.7 | | | 1.17E-06 | 2.20E-03 | | 0.77 | 0.05 | 8.16E-03 | 0.04 | 6.47E-03 | 2.97 | 0.14 | 0.89 | 6.21E-03 | 0.04 | 0.11 | 0.97 | 1.69 | 0.89 | 0.07 | 9.32E-03 | 0.76 | 0.34 | | | | | |
| 344 | F/B 5 | 678273.3 | 4866093.0 | | | 3.47E-06 | 3.02E-03 | | 2.30 | 0.16 | 0.02 | 0.12 | 0.02 | 8.86 | 0.41 | 2.66 | 0.02 | 0.13 | 0.34 | 2.89 | 5.04 | 2.67 | 0.19 | 0.03 | 2.26 | 1.02 | | | | | |
| 345 | F/B 6 | 681241.2 | 4867098.8 | | | 1.31E-06 | 3.22E-03 | | 0.87 | 0.06 | 9.18E-03 | 0.05 | 7.28E-03 | 3.34 | 0.15 | 1.00 | 6.99E-03 | 0.05 | 0.13 | 1.09 | 1.90 | 1.01 | 0.07 | 0.01 | 0.85 | 0.38 | | | | | |
| 346 | F/B 7 | 682165.3 | 4868082.3 | | | 1.53E-06 | 2.71E-03 | | 1.01 | 0.07 | 0.01 | 0.05 | 8.49E-03 | 3.90 | 0.18 | 1.17 | 8.15E-03 | 0.06 | 0.15 | 1.27 | 2.22 | 1.17 | 0.09 | 0.01 | 0.99 | 0.45 | | | | | |
| 347 | F/B 8 | 679366.6 | 4868628.3 | | | 8.62E-07 | 2.29E-03 | | 0.57 | 0.04 | 6.04E-03 | 0.03 | 4.79E-03 | 2.20 | 0.10 | 0.66 | 4.60E-03 | 0.03 | 0.08 | 0.72 | 1.25 | 0.66 | 0.05 | 6.90E-03 | 0.56 | 0.25 | | | | | |
| 348 | F/B 9 | 680310.1 | 4869967.1 | | | 5.33E-07 | 1.99E-03 | | 0.35 | 0.02 | 3.73E-03 | 0.02 | 2.96E-03 | 1.36 | 0.06 | 0.41 | 2.84E-03 | 0.02 | 0.05 | 0.44 | 0.77 | 0.41 | 0.03 | 4.26E-03 | 0.35 | 0.16 | | | | | |
| 349 | F/B 10 | 676487.3 | 4869291.6 | | | 2.72E-07 | 2.21E-03 | | 0.18 | 0.01 | 1.90E-03 | 9.57E-03 | 1.51E-03 | 0.69 | 0.03 | 0.21 | 1.45E-03 | 0.01 | 0.03 | 0.23 | 0.39 | 0.21 | 0.02 | 2.17E-03 | 0.18 | 0.08 | | | | | |
| 350 | F/B 11 | 676851.4 | 4865409.3 | | | 2.49E-06 | 2.60E-03 | | 1.65 | 0.11 | 0.02 | 0.09 | 0.01 | 6.35 | 0.29 | 1.91 | 0.01 | 0.09 | 0.24 | 2.08 | 3.62 | 1.91 | 0.14 | 0.02 | 1.62 | 0.73 | | | | | |
| 351 | F/B 12 | 681153.3 | 4868682.2 | | | 1.72E-06 | 2.58E-03 | | 1.14 | 0.08 | 0.01 | 0.06 | 9.53E-03 | 4.38 | 0.20 | 1.32 | 9.16E-03 | 0.06 | 0.17 | 1.43 | 2.49 | 1.32 | 0.10 | 0.01 | 1.12 | 0.50 | | | | | |
| 352 | F/B 13 | 675416.3 | 4859833.9 | | | 5.71E-07 | 4.54E-03 | | 0.38 | 0.03 | 4.00E-03 | 0.02 | 3.17E-03 | 1.46 | 0.07 | 0.44 | 3.05E-03 | 0.02 | 0.06 | 0.48 | 0.83 | 0.44 | 0.03 | 4.57E-03 | 0.37 | 0.17 | | | | | |
| 353 | Second 1 | 675153.4 | 4860552.8 | | | 2.99E-06 | 4.28E-03 | | 1.98 | 0.14 | 0.02 | 0.11 | 0.02 | 7.63 | 0.35 | 2.29 | 0.02 | 0.11 | 0.29 | 2.49 | 4.35 | 2.30 | 0.17 | 0.02 | 1.95 | 0.88 | | | | | |
| 354 | Second 2 | 675297.5 | 4860891.3 | | | 4.38E-06 | 4.71E-03 | | 2.90 | 0.20 | 0.03 | 0.15 | 0.02 | 11.16 | 0.51 | 3.35 | 0.02 | 0.16 | 0.42 | 3.65 | 6.35 | 3.36 | 0.24 | 0.04 | 2.84 | 1.28 | | | | | |
| 355 | Second 3 | 675647.2 | 4860644.9 | | | 2.84E-06 | 4.98E-03 | | 1.88 | 0.13 | 0.02 | 0.10 | 0.02 | 7.24 | 0.33 | 2.18 | 0.02 | 0.11 | 0.27 | 2.37 | 4.12 | 2.18 | 0.16 | 0.02 | 1.84 | 0.83 | | | | | |
| 356 | Second 4 | 675670.5 | 4860076.5 | | | 8.49E-07 | 4.66E-03 | | 0.56 | 0.04 | 5.94E-03 | 0.03 | 4.71E-03 | 2.16 | 0.10 | 0.65 | 4.53E-03 | 0.03 | 0.08 | 0.71 | 1.23 | 0.65 | 0.05 | 6.79E-03 | 0.55 | 0.25 | | | | | |
| 357 | Second 5 | 676043.3 | 4860319.1 | | | 1.02E-06 | 5.39E-03 | | 0.67 | 0.05 | 7.12E-03 | 0.04 | 5.65E-03 | 2.59 | 0.12 | 0.78 | 5.43E-03 | 0.04 | 0.10 | 0.85 | 1.48 | 0.78 | 0.06 | 8.14E-03 | 0.66 | 0.30 | | | | | |
| 358 | Second 6 | 675923.4 | 4859821.4 | | | 5.38E-07 | 5.24E-03 | | 0.36 | 0.02 | 3.77E-03 | 0.02 | 2.99E-03 | 1.37 | 0.06 | 0.41 | 2.87E-03 | 0.02 | 0.05 | 0.45 | 0.78 | 0.41 | 0.03 | 4.31E-03 | 0.35 | 0.16 | | | | | |
| 359 | McLaughlin Bay 1 | 676714.7 | 4860903.8 | | | 1.50E-06 | 8.07E-03 | | 0.99 | 0.07 | 0.01 | 0.05 | 8.30E-03 | 3.81 | 0.17 | 1.15 | 7.98E-03 | 0.06 | 0.14 | 1.25 | 2.17 | 1.15 | 0.08 | 0.01 | 0.97 | 0.44 | | | | | |
| 360 | McLaughlin Bay 2 | 677310.8 | 4860528.2 | | | 1.56E-06 | 9.10E-03 | | 1.04 | 0.07 | 0.01 | 0.06 | 8.68E-03 | 3.99 | 0.18 | 1.20 | 8.34E-03 | 0.06 | 0.15 | 1.30 | 2.27 | 1.20 | 0.09 | 0.01 | 1.02 | 0.46 | | | | | |
| 361 | McLaughlin Bay 3 | 676563.5 | 4860260.1 | | | 9.68E-07 | 6.21E-03 | | 0.64 | 0.04 | 6.77E-03 | 0.03 | 5.37E-03 | 2.47 | 0.11 | 0.74 | 5.16E-03 | 0.04 | 0.09 | 0.81 | 1.40 | 0.74 | 0.05 | 7.74E-03 | 0.63 | 0.28 | | | | | |
| 362 | McLaughlin Bay 4 | 676699.5 | 4859696.6 | | | 9.77E-07 | 7.17E-03 | | 0.65 | 0.04 | 6.84E-03 | 0.03 | 5.42E-03 | 2.49 | 0.11 | 0.75 | 5.21E-03 | 0.04 | 0.09 | 0.81 | 1.42 | 0.75 | 0.05 | 7.81E-03 | 0.63 | 0.29 | | | | | |
| 363 | McLaughlin Bay 5 | 677560.0 | 4860060.1 | | | 7.60E-07 | 7.16E-03 | | 0.50 | 0.03 | 5.32E-03 | 0.03 | 4.22E-03 | 1.94 | 0.09 | 0.58 | 4.06E-03 | 0.03 | 0.07 | 0.63 | 1.10 | 0.58 | 0.04 | 6.08E-03 | 0.49 | 0.22 | | | | | |
| 364 | McLaughlin Bay 6 | 678204.5 | 4859832.5 | | | 5.32E-06 | 6.17E-03 | | 3.53 | 0.24 | 0.04 | 0.19 | 0.03 | 13.57 | 0.62 | 4.08 | 0.03 | 0.20 | 0.51 | 4.44 | 7.73 | 4.08 | 0.30 | 0.04 | 3.46 | 1.56 | | | | | |
| 365 | Harmony Creek 1 | 674178.3 | 4861024.2 | | | 5.24E-06 | 3.36E-03 | | 3.47 | 0.24 | 0.04 | 0.18 | 0.03 | 13.36 | 0.61 | 4.02 | 0.03 | 0.20 | 0.51 | 4.37 | 7.61 | 4.02 | 0.29 | 0.04 | 3.40 | 1.54 | | | | | |
| 366 | Harmony Creek 2 | 674592.0 | 4862605.3 | | | 7.83E-06 | 3.68E-03 | | 5.19 | 0.36 | 0.05 | 0.28 | 0.04 | 19.98 | 0.91 | 6.01 | 0.04 | 0.29 | 0.76 | 6.53 | 11.38 | 6.01 | 0.44 | 0.06 | 5.09 | 2.30 | | | | | |
| 367 | Harmony Creek 3 | 672863.4 | 4862808.0 | | | 4.66E-06 | 3.37E-03 | | 3.09 | 0.21 | 0.03 | 0.16 | 0.03 | 11.88 | 0.54 | 3.57 | 0.02 | 0.17 | 0.45 | 3.88 | 6.77 | 3.58 | 0.26 | 0.04 | 3.03 | 1.37 | | | | | |
| 368 | Harmony Creek 4 | 675671.6 | 4864469.0 | | | 3.34E-06 | 2.70E-03 | | 2.21 | 0.15 | 0.02 | 0.12 | 0.02 | 8.51 | 0.39 | 2.56 | 0.02 | 0.13 | 0.32 | 2.78 | 4.84 | 2.56 | 0.19 | 0.03 | 2.17 | 0.98 | | | | | |
| 369 | Harmony Creek 5 | 672443.1 | 4864713.0 | | | 4.38E-06 | 2.28E-03 | | 2.90 | 0.20 | 0.03 | 0.15 | 0.02 | 11.18 | 0.51 | 3.36 | 0.02 | 0.16 | 0.42 | 3.65 | 6.37 | 3.36 | 0.24 | 0.04 | 2.85 | 1.29 | | | | | |
| 370 | Harmony Creek 6 | 674830.5 | 4866909.6 | | | 6.75E-07 | 2.10E-03 | | 0.45 | 0.03 | 4.72E-03 | 0.02 | 3.75E-03 | 1.72 | 0.08 | 0.52 | 3.60E-03 | 0.03 | 0.07 | 0.56 | 0.98 | 0.52 | 0.04 | 5.40E-03 | 0.44 | 0.20 | | | | | |
| 371 | Harmony Creek 7 | 675799.9 | 4868594.1 | | | 2.73E-07 | 2.01E-03 | | 0.18 | 0.01 | 1.91E-03 | 9.61E-03 | 1.51E-03 | 0.70 | 0.03 | 0.21 | 1.45E-03 | 0.01 | 0.03 | 0.23 | 0.40 | 0.21 | 0.02 | 2.18E-03 | 0.18 | 0.08 | | | | | |
| 372 | Westside 1 | 686082.6 | 4862776.6 | | | 9.25E-06 | 4.77E-03 | | 6.13 | 0.42 | 0.06 | 0.33 | 0.05 | 23.60 | 1.08 | 7.09 | 0.05 | 0.35 | 0.89 | 7.71 | 13.43 | 7.10 | 0.52 | 0.07 | 6.01 | 2.71 | | | | | |
| 373 | Westside 2 | 685778.7 | 4862137.9 | | | 3.04E-06 | 5.87E-03 | | 2.01 | 0.14 | 0.02 | 0.11 | 0.02 | 7.75 | 0.35 | 2.33 | 0.02 | 0.11 | 0.29 | 2.53 | 4.41 | 2.33 | 0.17 | 0.02 | 1.98 | 0.89 | | | | | |
| 374 | Westside 3 | 685084.2 | 4862827.4 | | | 6.58E-06 | 6.23E-03 | | 4.36 | 0.30 | 0.05 | 0.23 | 0.04 | 16.77 | 0.77 | 5.04 | 0.04 | 0.25 | 0.64 | 5.48 | 9.55 | 5.05 | 0.37 | 0.05 | 4.28 | 1.93 | | | | | |
| 375 | Darlington 1 | 680977.5 | 4865674.4 | | | 4.13E-06 | 4.05E-03 | | 2.74 | 0.19 | 0.03 | 0.15 | 0.02 | 10.53 | 0.48 | 3.17 | 0.02 | | | | | | | | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Dioxins and Furans (as TEQ Equivalent s) | Polychlorinated Biphenyls (PCB) | Metals | Aluminum | Antimony | Arsenic | Barium | Beryllium | Boron | Cadmium (Cd) | Cadmium and Thallium (Cd + Th) | Chromium (hexavalent) | Total Chromium (and compounds) | Cobalt | Lead (Pb) | Nickel | Phosphorus | Silver | Selenium | Thallium | Tin | | | | | | |
|----------|-------------------|----------|-----------|--|----------------------------------|--|---------------------------------|--------|----------------------------------|----------|----------|----------|-----------|----------|--------------|--------------------------------|-----------------------|--------------------------------|----------|-----------|----------|------------|----------|----------|----------|----------|---|---|---|---|---|---|
| | | | | | | | | | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| | | | | | | | | | Vapour (V)/Particulate (P) Phase | P | V | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | | 2.48E-09 | 2.98E-06 | | 1.64E-03 | 1.13E-04 | 1.73E-05 | 8.73E-05 | 1.38E-05 | 6.32E-03 | 2.89E-04 | 1.90E-03 | 1.32E-05 | 9.29E-05 | 2.39E-04 | 2.07E-03 | 3.60E-03 | 1.90E-03 | 1.38E-04 | 1.98E-05 | 1.61E-03 | 7.27E-04 | | | | | | |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | | 5.27E-06 | 2.85E-03 | | 3.49 | 0.24 | 0.04 | 0.19 | 0.03 | 13.44 | 0.62 | 4.04 | 0.03 | 0.20 | 0.51 | 4.39 | 7.65 | 4.05 | 0.29 | 0.04 | 3.43 | 1.55 | | | | | | |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | | 2.68E-06 | 2.53E-03 | | 1.77 | 0.12 | 0.02 | 0.09 | 0.01 | 6.82 | 0.31 | 2.05 | 0.01 | 0.10 | 0.26 | 2.23 | 3.89 | 2.05 | 0.15 | 0.02 | 1.74 | 0.78 | | | | | | |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | | 2.80E-06 | 2.83E-03 | | 1.85 | 0.13 | 0.02 | 0.10 | 0.02 | 7.14 | 0.33 | 2.15 | 0.01 | 0.10 | 0.27 | 2.33 | 4.06 | 2.15 | 0.16 | 0.02 | 1.82 | 0.82 | | | | | | |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | | 2.10E-06 | 3.21E-03 | | 1.39 | 0.10 | 0.01 | 0.07 | 0.01 | 5.37 | 0.25 | 1.61 | 0.01 | 0.08 | 0.20 | 1.75 | 3.06 | 1.61 | 0.12 | 0.02 | 1.37 | 0.62 | | | | | | |
| 390 | Farm Q | 677409.8 | 4861051.4 | | | 2.19E-06 | 0.01 | | 1.45 | 0.10 | 0.02 | 0.08 | 0.01 | 5.58 | 0.26 | 1.68 | 0.01 | 0.08 | 0.21 | 1.82 | 3.18 | 1.68 | 0.12 | 0.02 | 1.42 | 0.64 | | | | | | |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | | 2.83E-06 | 4.04E-03 | | 1.87 | 0.13 | 0.02 | 0.10 | 0.02 | 7.21 | 0.33 | 2.17 | 0.02 | 0.11 | 0.27 | 2.35 | 4.10 | 2.17 | 0.16 | 0.02 | 1.84 | 0.83 | | | | | | |



Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Vanadium | Zinc | Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb) | Mercury | Vapour | Particulate | Chlorinated Monocyclic Aromatics | 1,2-Dichlorobenzene | 1,2,4,5-Tetrachlorobenzene | 1,2,4-Trichlorobenzene | 2,3,4,6-Tetrachlorophenol | 2,4,6-Trichlorophenol | 2,4-Dichlorophenol | Pentachlorophenol | Hexachlorobenzene | Pentachlorobenzene | Polycyclic Organic Matter | Acenaphthylene | Acenaphthene | Anthracene | Benzo(a)anthracene | Benzo(b)fluoranthene | | | | | | | | | | | | | | | | | | | | | | | |
|----------|----------------------------|----------|-----------|-------------|----------|-------|--|---------|--------|-------------|----------------------------------|---------------------|----------------------------|------------------------|---------------------------|-----------------------|--------------------|-------------------|-------------------|--------------------|---------------------------|----------------|--------------|------------|--------------------|----------------------|------------------------|----------|--|------------|----------|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | Vapour (V)/Particulate | P | P | P | V | P | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 4.80E-05 | 8.24E-03 | 0.02 | 1.24E-04 | 4.96E-04 | 8.45E-05 | 2.13E-06 | 2.13E-06 | 7.18E-06 | 2.16E-06 | 4.25E-06 | 8.52E-06 | 2.13E-06 | 5.59E-06 | 5.99E-07 | 7.68E-07 | 1.68E-07 | 6.20E-08 | 1.58E-07 | |
| 1 | Campground 10 | 678526.8 | 4859996.8 | | 0.18 | 30.68 | 70.72 | | 1.83 | 1.84 | | 0.22 | 5.57E-03 | 5.57E-03 | 0.02 | 5.66E-03 | 0.01 | 0.02 | 5.57E-03 | 0.01 | | | | | | 1.57E-03 | 2.01E-03 | 4.40E-04 | 1.62E-04 | 4.14E-04 | | | | | | | | | | | | | | | | | | | |
| 2 | ECO 2 | 675490.4 | 4860360.1 | | 0.04 | 6.17 | 14.22 | | 1.07 | 0.37 | | 0.13 | 3.35E-03 | 3.35E-03 | 0.01 | 3.40E-03 | 6.70E-03 | 0.01 | 3.35E-03 | 8.80E-03 | | | | | | 9.43E-04 | 1.21E-03 | 2.65E-04 | 9.76E-05 | 2.49E-04 | | | | | | | | | | | | | | | | | | | |
| 3 | Recreational 5 | 681642.0 | 4860349.3 | | 0.03 | 4.33 | 9.98 | | 2.80 | 0.26 | | 0.34 | 8.50E-03 | 8.50E-03 | 0.03 | 8.63E-03 | 0.02 | 0.03 | 8.50E-03 | 0.02 | | | | | | 2.39E-03 | 3.07E-03 | 6.72E-04 | 2.48E-04 | 6.32E-04 | | | | | | | | | | | | | | | | | | | |
| 4 | ECO 4 | 676831.5 | 4859840.9 | | 0.02 | 3.38 | 7.79 | | 1.52 | 0.20 | | 0.19 | 4.69E-03 | 4.69E-03 | 0.02 | 4.76E-03 | 9.37E-03 | 0.02 | 4.69E-03 | 0.01 | | | | | | 1.32E-03 | 1.69E-03 | 3.70E-04 | 1.36E-04 | 3.48E-04 | | | | | | | | | | | | | | | | | | | |
| 5 | Bow. Valley Cons. 3 | 685767.2 | 4863879.0 | | 0.25 | 42.93 | 98.97 | | 1.14 | 2.58 | | 0.14 | 3.55E-03 | 3.55E-03 | 0.01 | 3.60E-03 | 7.10E-03 | 0.01 | 3.55E-03 | 9.32E-03 | | | | | | 9.99E-04 | 1.28E-03 | 2.80E-04 | 1.03E-04 | 2.64E-04 | | | | | | | | | | | | | | | | | | | |
| 6 | ECO 6 | 679647.8 | 4859989.3 | | 5.40E-03 | 0.93 | 2.14 | | 1.27 | 0.06 | | 0.15 | 3.89E-03 | 3.89E-03 | 0.01 | 3.95E-03 | 7.77E-03 | 0.02 | 3.89E-03 | 0.01 | | | | | | 1.09E-03 | 1.40E-03 | 3.07E-04 | 1.13E-04 | 2.89E-04 | | | | | | | | | | | | | | | | | | | |
| 7 | ECO 7 | 681578.8 | 4862070.1 | | 0.25 | 43.64 | 100.60 | | 3.87 | 2.62 | | 0.46 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.05 | 0.01 | 0.03 | | | | | | 3.30E-03 | 4.23E-03 | 9.25E-04 | 3.41E-04 | 8.71E-04 | | | | | | | | | | | | | | | | | | | |
| 8 | ECO 8 | 679735.5 | 4861048.6 | | 0.02 | 3.53 | 8.15 | | 2.73 | 0.21 | | 0.33 | 8.26E-03 | 8.26E-03 | 0.03 | 8.39E-03 | 0.02 | 0.03 | 8.26E-03 | 0.02 | | | | | | 2.33E-03 | 2.98E-03 | 6.53E-04 | 2.41E-04 | 6.14E-04 | | | | | | | | | | | | | | | | | | | |
| 9 | ECO 9 | 687219.7 | 4864249.3 | | 0.18 | 30.70 | 70.78 | | 0.95 | 1.85 | | 0.12 | 2.98E-03 | 2.98E-03 | 0.01 | 3.03E-03 | 5.96E-03 | 0.01 | 2.98E-03 | 7.82E-03 | | | | | | 8.38E-04 | 1.08E-03 | 2.35E-04 | 8.67E-05 | 2.21E-04 | | | | | | | | | | | | | | | | | | | |
| 10 | ECO 10 | 686519.0 | 4861987.6 | | 0.04 | 6.45 | 14.87 | | 1.38 | 0.39 | | 0.17 | 4.34E-03 | 4.34E-03 | 0.01 | 4.41E-03 | 8.68E-03 | 0.02 | 4.34E-03 | 0.01 | | | | | | 1.22E-03 | 1.57E-03 | 3.43E-04 | 1.26E-04 | 3.23E-04 | | | | | | | | | | | | | | | | | | | |
| 11 | ECO 11 | 679870.4 | 4859737.9 | | 5.00E-03 | 0.86 | 1.98 | | 0.73 | 0.05 | | 0.09 | 2.25E-03 | 2.25E-03 | 7.60E-03 | 2.29E-03 | 4.50E-03 | 9.02E-03 | 2.25E-03 | 5.92E-03 | | | | | | 6.34E-04 | 8.13E-04 | 1.78E-04 | 6.56E-05 | 1.68E-04 | | | | | | | | | | | | | | | | | | | |
| 12 | Recreational 4 | 681575.5 | 4860557.7 | | 0.02 | 4.20 | 9.69 | | 2.66 | 0.25 | | 0.32 | 8.09E-03 | 8.09E-03 | 0.03 | 8.22E-03 | 0.02 | 0.03 | 8.09E-03 | 0.02 | | | | | | 2.28E-03 | 2.92E-03 | 6.39E-04 | 2.36E-04 | 6.02E-04 | | | | | | | | | | | | | | | | | | | |
| 13 | Future Industrial 9 | 680704.5 | 4859857.8 | | 7.01E-03 | 1.20 | 2.77 | | 1.54 | 0.07 | | 0.19 | 4.70E-03 | 4.70E-03 | 0.02 | 4.78E-03 | 9.41E-03 | 0.02 | 4.70E-03 | 0.01 | | | | | | 1.32E-03 | 1.70E-03 | 3.72E-04 | 1.37E-04 | 3.50E-04 | | | | | | | | | | | | | | | | | | | |
| 14 | Future Industrial 10 | 680608.0 | 4860719.6 | | 4.36E-03 | 0.75 | 1.72 | | 1.33 | 0.04 | | 0.16 | 4.08E-03 | 4.08E-03 | 0.01 | 4.15E-03 | 8.16E-03 | 0.02 | 4.08E-03 | 0.01 | | | | | | 1.15E-03 | 1.47E-03 | 3.22E-04 | 1.19E-04 | 3.03E-04 | | | | | | | | | | | | | | | | | | | |
| 15 | Harmony Creek | 673992.4 | 4865641.4 | | 0.04 | 6.57 | 15.14 | | 0.49 | 0.39 | | 0.06 | 1.58E-03 | 1.58E-03 | 5.35E-03 | 1.61E-03 | 3.17E-03 | 6.34E-03 | 1.58E-03 | 4.16E-03 | | | | | | 4.46E-04 | 5.72E-04 | 1.25E-04 | 4.61E-05 | 1.18E-04 | | | | | | | | | | | | | | | | | | | |
| 16 | Farewell Creek | 678079.2 | 4868822.7 | | 0.03 | 5.23 | 12.06 | | 0.45 | 0.31 | | 0.06 | 1.60E-03 | 1.60E-03 | 5.39E-03 | 1.62E-03 | 3.20E-03 | 6.40E-03 | 1.60E-03 | 4.20E-03 | | | | | | 4.50E-04 | 5.77E-04 | 1.26E-04 | 4.65E-05 | 1.19E-04 | | | | | | | | | | | | | | | | | | | |
| 17 | Farm A | 681378.6 | 4860335.0 | | 0.03 | 4.48 | 10.33 | | 2.49 | 0.27 | | 0.30 | 7.56E-03 | 7.56E-03 | 0.03 | 7.68E-03 | 0.02 | 0.03 | 7.56E-03 | 0.02 | | | | | | 2.13E-03 | 2.73E-03 | 5.97E-04 | 2.20E-04 | 5.62E-04 | | | | | | | | | | | | | | | | | | | |
| 18 | Farm B | 682883.4 | 4864219.7 | | 0.02 | 3.78 | 8.72 | | 1.86 | 0.23 | | 0.23 | 5.83E-03 | 5.83E-03 | 0.02 | 5.92E-03 | 0.01 | 0.02 | 5.83E-03 | 0.02 | | | | | | 1.64E-03 | 2.11E-03 | 4.61E-04 | 1.70E-04 | 4.34E-04 | | | | | | | | | | | | | | | | | | | |
| 19 | Farm C | 678929.2 | 4865530.2 | | 0.05 | 8.50 | 19.60 | | 0.76 | 0.51 | | 0.10 | 2.53E-03 | 2.53E-03 | 8.55E-03 | 2.58E-03 | 5.07E-03 | 0.01 | 2.53E-03 | 6.66E-03 | | | | | | 7.14E-04 | 9.15E-04 | 2.00E-04 | 7.38E-05 | 1.88E-04 | | | | | | | | | | | | | | | | | | | |
| 20 | Zoo | 687216.8 | 4864835.3 | | 0.16 | 26.69 | 61.52 | | 0.91 | 1.60 | | 0.12 | 2.96E-03 | 2.96E-03 | 9.99E-03 | 3.01E-03 | 5.92E-03 | 0.01 | 2.96E-03 | 7.78E-03 | | | | | | 8.34E-04 | 1.07E-03 | 2.34E-04 | 8.62E-05 | 2.20E-04 | | | | | | | | | | | | | | | | | | | |
| 21 | Cedar Crest Beach | 686652.1 | 4861660.9 | | 0.03 | 5.57 | 12.85 | | 1.67 | 0.34 | | 0.21 | 5.20E-03 | 5.20E-03 | 0.02 | 5.28E-03 | 0.01 | 0.02 | 5.20E-03 | 0.01 | | | | | | 1.46E-03 | 1.88E-03 | 4.11E-04 | 1.51E-04 | 3.87E-04 | | | | | | | | | | | | | | | | | | | |
| 22 | Darlington Prov Park Beach | 677844.6 | 4859718.2 | | 0.02 | 3.58 | 8.25 | | 1.33 | 0.22 | | 0.16 | 4.09E-03 | 4.09E-03 | 0.01 | 4.15E-03 | 8.18E-03 | 0.02 | 4.09E-03 | 0.01 | | | | | | 1.15E-03 | 1.48E-03 | 3.23E-04 | 1.19E-04 | 3.04E-04 | | | | | | | | | | | | | | | | | | | |
| 23 | OPG 1 | 682258.1 | 4860045.0 | | 0.04 | 6.84 | 15.78 | | 2.52 | 0.41 | | 0.30 | 7.62E-03 | 7.62E-03 | 0.03 | 7.75E-03 | 0.02 | 0.03 | 7.62E-03 | 0.02 | | | | | | 2.15E-03 | 2.75E-03 | 6.03E-04 | 2.22E-04 | 5.67E-04 | | | | | | | | | | | | | | | | | | | |
| 24 | OPG 2 | 682551.4 | 4859889.1 | | 0.14 | 24.32 | 56.06 | | 2.55 | 1.46 | | 0.31 | 7.70E-03 | 7.70E-03 | 0.03 | 7.82E-03 | 0.02 | 0.03 | 7.70E-03 | 0.02 | | | | | | 2.17E-03 | 2.78E-03 | 6.08E-04 | 2.24E-04 | 5.72E-04 | | | | | | | | | | | | | | | | | | | |
| 25 | OPG 3 | 682824.6 | 4859759.3 | | 0.40 | 68.86 | 158.74 | | 2.59 | 4.14 | | 0.31 | 7.83E-03 | 7.83E-03 | 0.03 | 7.96E-03 | 0.02 | 0.03 | 7.83E-03 | 0.02 | | | | | | 2.21E-03 | 2.83E-03 | 6.19E-04 | 2.28E-04 | 5.83E-04 | | | | | | | | | | | | | | | | | | | |
| 26 | OPG 4 | 683021.6 | 4859937.3 | | 0.47 | 80.21 | 184.90 | | 2.68 | 4.82 | | 0.32 | 8.10E-03 | 8.10E-03 | 0.03 | 8.23E-03 | 0.02 | 0.03 | 8.10E-03 | 0.02 | | | | | | 2.28E-03 | 2.93E-03 | 6.40E-04 | 2.36E-04 | 6.02E-04 | | | | | | | | | | | | | | | | | | | |
| 27 | OPG 5 | 683318.2 | 4859677.8 | | 0.49 | 83.30 | 192.03 | | 2.28 | 5.01 | | 0.28 | 6.93E-03 | 6.93E-03 | 0.02 | 7.04E-03 | 0.01 | 0.03 | 6.93E-03 | 0.02 | | | | | | 1.95E-03 | 2.50E-03 | 5.47E-04 | 2.02E-04 | 5.15E-04 | | | | | | | | | | | | | | | | | | | |
| 28 | OPG 6 | 683306.9 | 4860023.0 | | 0.43 | 74.49 | 171.71 | | 2.63 | 4.48 | | 0.32 | 7.98E-03 | 7.98E-03 | 0.03 | 8.11E-03 | 0.02 | 0.03 | 7.98E-03 | 0.02 | | | | | | 2.25E-03 | 2.88E-03 | 6.31E-04 | 2.32E-04 | 5.93E-04 | | | | | | | | | | | | | | | | | | | |
| 29 | OPG 7 | 683718.6 | 4859915.8 | | 0.42 | 72.77 | 167.74 | | 2.35 | 4.38 | | 0.28 | 7.15E-03 | 7.15E-03 | 0.02 | 7.26E-03 | 0.01 | 0.03 | 7.15E-03 | 0.02 | | | | | | 2.01E-03 | 2.58E-03 | 5.65E-04 | 2.08E-04 | 5.32E-04 | | | | | | | | | | | | | | | | | | | |
| 30 | OPG 8 | 682702.0 | 4859998.6 | | 0.22 | 37.69 | 86.88 | | 2.60 | 2.27 | | 0.31 | 7.87E-03 | 7.87E-03 | 0.03 | 8.00E-03 | 0.02 | 0.03 | 7.87E-03 | 0.02 | | | | | | 2.22E-03 | 2.84E-03 | 6.22E-04 | 2.29E-04 | 5.85E-04 | | | | | | | | | | | | | | | | | | | |
| 31 | OPG 9 | 684347.7 | 4861184.6 | | 0.08 | 13.65 | 31.46 | | 2.11 | 0.82 | | 0.26 | 6.51E-03 | 6.51E-03 | 0.02 | 6.61E-03 | 0.01 | 0.03 | 6.51E-03 | 0.02 | | | | | | 1.83E-03 | 2.35E-03 | 5.14E-04 | 1.89E-04 | 4.84E-04 | | | | | | | | | | | | | | | | | | | |
| 32 | OPG 10 | 682157.2 | 4861228.2 | | 0.06 | 11.06 | 25.49 | | 2.87 | 0.66 | | 0.35 | 8.70E-03 | 8.70E-03 | 0.03 | 8.84E-03 | 0.02 | 0.03 | 8.70E-03 | 0.02 | | | | | | 2.45E-03 | 3.14E-03 | 6.88E-04 | 2.53E-04 | 6.47E-04 | | | | | | | | | | | | | | | | | | | |
| 33 | St Marys 1 | 684557.0 | 4861070.0 | | 0.14 | 24.47 | 56.40 | | 2.20 | 1.47 | | 0.27 | 6.76E-03 | 6.76E-03 | 0.02 | 6.87E-03 | 0.01 | 0.03 | 6.76E-03 | 0.02 | | | | | | 1.90E-03 | 2.44E-03 | 5.34E-04 | 1.97E-04 | 5.02E-04 | | | | | | | | | | | | | | | | | | | |
| 34 | St Marys 2 | 684657.3 | 4861320.8 | | 0.16 | 27.99 | 64.52 | | 1.91 | 1.68 | | 0.23 | 5.90E-03 | 5.90E-03 | 0.02 | 6.00E-03 | 0.01 | 0.02 | 5.90E-03 | 0.02 | | | | | | 1.66E-03 | 2.13E-03 | 4.66E-04 | 1.72E-04 | 4.39E-04 | | | | | | | | | | | | | | | | | | | |
| 35 | St Marys 3 | 684905.3 | 4861154.4 | | 0.21 | 36.62 | 84.42 | | 1.88 | 2.20 | | 0.23 | 5.82E-03 | 5.82E-03 | 0.02 | 5.91E-03 | 0.01 | 0.02 | 5.82E-03 | 0.02 | | | | | | 1.64E-03 | 2.10E-03 | 4.60E-04 | 1.69E-04 | 4.33E-04 | | | | | | | | | | | | | | | | | | | |
| 36 | Court. Subdivision 1 | 677328.4 | 4862976.1 | | 0.06 | 10.64 | 24.52 | | 1.02 | 0.64 | | 0.13 | 3.19E-03 | 3.19E-03 | 0.01 | 3.24E-03 | 6.37E-03 | 0.01 | 3.19E-03 | 8.37E-03 | | | | | | 8.97E-04 | 1.15E-03 | 2.52E-04 | 9.28E-05 | 2.37E-04 | | | | | | | | | | | | | | | | | | | |
| 37 | Court. Subdivision 2 | 676187.9 | 4862611.1 | | 0.29 | 50.61 | 116.67 | | 1.07 | 3.04 | | 0.13 | 3.38E-03 | 3.38E-03 | 0.01 | 3.43E-03 | 6.76E-03 | 0.01 | 3.38E-03 | 8.88E-03 | | | | | | 9.52E-04 | 1.22E-03 | 2.67E-04 | 9.85E-05 | 2.51E-04 | | | | | | | | | | | | | | | | | | | |
| 38 | Court. Subdivision 3 | 675974.8 | 4863484.1 | | 0.17 | 29.97 | 69.08 | | 0.80 | 1.80 | | 0.10 | 2.55E-03 | 2.55E-03 | 8.60E-03 | 2.59E-03 | 5.09E-03 | 0.01 | 2.55E-03 | 6.69E-03 | | | | | | 7.17E-04 | 9.20E-04 | 2.01E-04 | 7.42E-05 | 1.89E-04 | | | | | | | | | | | | | | | | | | | |
| 39 | Court. Subdivision 4 | 676606.1 | 4863214.1 | | 0.16 | 26.86 | 61.92 | | 0.84 | 1.62 | | 0.11 | 2.66E-03 | 2.66E-03 | 8.99E-03 | 2.70E-03 | 5.32E-03 | 0.01 | 2.66E-03 | 6.99E-03 | | | | | | 7.50E-04 | 9.61E-04 | 2.10E-04 | 7.75E-05 | 1.98E-04</ | | | | | | | | | | | | | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Vanadium | Zinc | Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb) | Mercury | Vapour | Particulate | Chlorinated Monocyclic Aromatics | 1,2-Dichlorobenzene | 1,2,4,5-Tetrachlorobenzene | 1,2,4-Trichlorobenzene | 2,3,4,6-Tetrachlorophenol | 2,4,6-Trichlorophenol | 2,4-Dichlorophenol | Pentachlorophenol | Hexachlorobenzene | Pentachlorobenzene | Polycyclic Organic Matter | Acenaphthylene | Acenaphthene | Anthracene | Benzo(a)anthracene | Benzo(b)fluoranthene | | | | | |
|----------|--------------------------|----------|-----------|-------------|------------------------|-------|--|---------|----------|-------------|----------------------------------|---------------------|----------------------------|------------------------|---------------------------|-----------------------|--------------------|-------------------|-------------------|--------------------|---------------------------|----------------|--------------|------------|--------------------|----------------------|----------|----------|---|---|---|
| | | | | | Vapour (V)/Particulate | P | P | | P | V | P | V | V | V | V | V | V | V | V | V | | V | V | V | V | V | V | V | V | V | V |
| | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | | 4.80E-05 | 8.24E-03 | 0.02 | 1.24E-04 | 4.96E-04 | 8.45E-05 | 2.13E-06 | 2.13E-06 | 7.18E-06 | 2.16E-06 | 4.25E-06 | 8.52E-06 | | 2.13E-06 | 5.59E-06 | 5.99E-07 | 7.68E-07 | 1.68E-07 | 6.20E-08 | 1.58E-07 | | | |
| 56 | Osh/Court Subdivision 1 | 677396.8 | 4860977.3 | | 0.04 | 7.69 | 17.73 | | 2.53 | 0.46 | | 0.31 | 7.73E-03 | 7.73E-03 | 0.03 | 7.86E-03 | 0.02 | 0.03 | 7.73E-03 | 0.02 | | 2.18E-03 | 2.79E-03 | 6.11E-04 | 2.25E-04 | 5.75E-04 | | | | | |
| 57 | Osh/Court Subdivision 2 | 676633.5 | 4860816.8 | | 0.03 | 4.95 | 11.40 | | 1.72 | 0.30 | | 0.21 | 5.31E-03 | 5.31E-03 | 0.02 | 5.40E-03 | 0.01 | 0.02 | 5.31E-03 | 0.01 | | 1.50E-03 | 1.92E-03 | 4.20E-04 | 1.55E-04 | 3.95E-04 | | | | | |
| 58 | Osh/Court Subdivision 3 | 676916.0 | 4861925.0 | | 0.03 | 4.37 | 10.08 | | 1.48 | 0.26 | | 0.18 | 4.63E-03 | 4.63E-03 | 0.02 | 4.70E-03 | 9.26E-03 | 0.02 | 4.63E-03 | 0.01 | | 1.30E-03 | 1.67E-03 | 3.66E-04 | 1.35E-04 | 3.44E-04 | | | | | |
| 59 | Osh/Court Subdivision 4 | 676730.5 | 4861317.1 | | 0.04 | 6.72 | 15.49 | | 1.99 | 0.40 | | 0.24 | 6.14E-03 | 6.14E-03 | 0.02 | 6.24E-03 | 0.01 | 0.02 | 6.14E-03 | 0.02 | | 1.73E-03 | 2.22E-03 | 4.85E-04 | 1.79E-04 | 4.57E-04 | | | | | |
| 60 | Osh/Court Subdivision 5 | 676087.2 | 4861392.3 | | 0.12 | 21.00 | 48.41 | | 1.64 | 1.26 | | 0.20 | 5.10E-03 | 5.10E-03 | 0.02 | 5.18E-03 | 0.01 | 0.02 | 5.10E-03 | 0.01 | | 1.44E-03 | 1.84E-03 | 4.03E-04 | 1.49E-04 | 3.79E-04 | | | | | |
| 61 | Osh/Court Subdivision 6 | 676177.1 | 4861722.2 | | 0.13 | 22.61 | 52.11 | | 1.49 | 1.36 | | 0.18 | 4.62E-03 | 4.62E-03 | 0.02 | 4.69E-03 | 9.24E-03 | 0.02 | 4.62E-03 | 0.01 | | 1.30E-03 | 1.67E-03 | 3.65E-04 | 1.35E-04 | 3.44E-04 | | | | | |
| 62 | Osh/Court Subdivision 7 | 675670.7 | 4861783.2 | | 0.13 | 22.80 | 52.57 | | 1.33 | 1.37 | | 0.17 | 4.17E-03 | 4.17E-03 | 0.01 | 4.23E-03 | 8.33E-03 | 0.02 | 4.17E-03 | 0.01 | | 1.17E-03 | 1.50E-03 | 3.29E-04 | 1.21E-04 | 3.10E-04 | | | | | |
| 63 | Osh/Court Subdivision 8 | 676050.8 | 4862055.7 | | 0.23 | 38.97 | 89.84 | | 1.36 | 2.34 | | 0.17 | 4.24E-03 | 4.24E-03 | 0.01 | 4.31E-03 | 8.47E-03 | 0.02 | 4.24E-03 | 0.01 | | 1.19E-03 | 1.53E-03 | 3.35E-04 | 1.23E-04 | 3.15E-04 | | | | | |
| 64 | Osh/Court Subdivision 9 | 676636.9 | 4862134.3 | | 0.09 | 15.93 | 36.73 | | 1.38 | 0.96 | | 0.17 | 4.33E-03 | 4.33E-03 | 0.01 | 4.40E-03 | 8.66E-03 | 0.02 | 4.33E-03 | 0.01 | | 1.22E-03 | 1.56E-03 | 3.42E-04 | 1.26E-04 | 3.22E-04 | | | | | |
| 65 | Osh/Court Subdivision 10 | 676571.3 | 4861634.8 | | 0.06 | 10.55 | 24.33 | | 1.60 | 0.63 | | 0.20 | 4.96E-03 | 4.96E-03 | 0.02 | 5.04E-03 | 9.92E-03 | 0.02 | 4.96E-03 | 0.01 | | 1.40E-03 | 1.79E-03 | 3.92E-04 | 1.45E-04 | 3.69E-04 | | | | | |
| 66 | Bow. Subdivision 11 | 684649.2 | 4863182.7 | | 0.23 | 40.30 | 92.89 | | 1.54 | 2.42 | | 0.19 | 4.71E-03 | 4.71E-03 | 0.02 | 4.79E-03 | 9.42E-03 | 0.02 | 4.71E-03 | 0.01 | | 1.33E-03 | 1.70E-03 | 3.72E-04 | 1.37E-04 | 3.50E-04 | | | | | |
| 67 | Daycare B | 685172.4 | 4863933.1 | | 0.26 | 45.35 | 104.55 | | 1.23 | 2.73 | | 0.15 | 3.88E-03 | 3.88E-03 | 0.01 | 3.95E-03 | 7.77E-03 | 0.02 | 3.88E-03 | 0.01 | | 1.09E-03 | 1.40E-03 | 3.07E-04 | 1.13E-04 | 2.89E-04 | | | | | |
| 68 | Daycare C | 685452.0 | 4863104.4 | | 0.23 | 39.08 | 90.09 | | 1.36 | 2.35 | | 0.17 | 4.20E-03 | 4.20E-03 | 0.01 | 4.27E-03 | 8.40E-03 | 0.02 | 4.20E-03 | 0.01 | | 1.18E-03 | 1.52E-03 | 3.32E-04 | 1.22E-04 | 3.13E-04 | | | | | |
| 69 | Daycare D | 685527.7 | 4864693.3 | | 0.20 | 34.88 | 80.40 | | 1.21 | 2.10 | | 0.15 | 3.86E-03 | 3.86E-03 | 0.01 | 3.93E-03 | 7.73E-03 | 0.02 | 3.86E-03 | 0.01 | | 1.09E-03 | 1.40E-03 | 3.05E-04 | 1.13E-04 | 2.87E-04 | | | | | |
| 70 | Daycare E | 685735.4 | 4864790.8 | | 0.20 | 34.16 | 78.74 | | 1.18 | 2.05 | | 0.15 | 3.76E-03 | 3.76E-03 | 0.01 | 3.82E-03 | 7.51E-03 | 0.02 | 3.76E-03 | 9.86E-03 | | 1.06E-03 | 1.36E-03 | 2.97E-04 | 1.09E-04 | 2.79E-04 | | | | | |
| 71 | Daycare F | 685520.3 | 4864854.3 | | 0.19 | 33.18 | 76.49 | | 1.20 | 2.00 | | 0.15 | 3.82E-03 | 3.82E-03 | 0.01 | 3.89E-03 | 7.65E-03 | 0.02 | 3.82E-03 | 0.01 | | 1.08E-03 | 1.38E-03 | 3.02E-04 | 1.11E-04 | 2.84E-04 | | | | | |
| 72 | Daycare G | 685441.9 | 4864878.0 | | 0.19 | 32.44 | 74.79 | | 1.20 | 1.95 | | 0.15 | 3.83E-03 | 3.83E-03 | 0.01 | 3.89E-03 | 7.66E-03 | 0.02 | 3.83E-03 | 0.01 | | 1.08E-03 | 1.38E-03 | 3.03E-04 | 1.11E-04 | 2.85E-04 | | | | | |
| 73 | Daycare H | 686364.8 | 4864707.8 | | 0.20 | 34.57 | 79.70 | | 1.04 | 2.08 | | 0.13 | 3.33E-03 | 3.33E-03 | 0.01 | 3.39E-03 | 6.67E-03 | 0.01 | 3.33E-03 | 8.76E-03 | | 9.39E-04 | 1.20E-03 | 2.64E-04 | 9.71E-05 | 2.48E-04 | | | | | |
| 74 | Daycare I | 685721.6 | 4865127.3 | | 0.18 | 31.57 | 72.78 | | 1.14 | 1.90 | | 0.14 | 3.65E-03 | 3.65E-03 | 0.01 | 3.71E-03 | 7.30E-03 | 0.01 | 3.65E-03 | 9.58E-03 | | 1.03E-03 | 1.32E-03 | 2.88E-04 | 1.06E-04 | 2.71E-04 | | | | | |
| 75 | Daycare J | 678256.3 | 4863565.4 | | 0.08 | 13.76 | 31.71 | | 0.85 | 0.83 | | 0.11 | 2.70E-03 | 2.70E-03 | 9.12E-03 | 2.75E-03 | 5.40E-03 | 0.01 | 2.70E-03 | 7.10E-03 | | 7.61E-04 | 9.76E-04 | 2.14E-04 | 7.87E-05 | 2.01E-04 | | | | | |
| 76 | Daycare K | 677694.1 | 4864043.7 | | 0.07 | 12.77 | 29.44 | | 0.70 | 0.77 | | 0.09 | 2.28E-03 | 2.28E-03 | 7.71E-03 | 2.32E-03 | 4.57E-03 | 9.14E-03 | 2.28E-03 | 6.00E-03 | | 6.43E-04 | 8.25E-04 | 1.80E-04 | 6.65E-05 | 1.70E-04 | | | | | |
| 77 | Daycare L | 676479.5 | 4862526.2 | | 0.24 | 41.77 | 96.30 | | 1.13 | 2.51 | | 0.14 | 3.55E-03 | 3.55E-03 | 0.01 | 3.61E-03 | 7.11E-03 | 0.01 | 3.55E-03 | 9.33E-03 | | 1.00E-03 | 1.28E-03 | 2.81E-04 | 1.03E-04 | 2.64E-04 | | | | | |
| 78 | Daycare M | 678320.9 | 4864763.5 | | 0.08 | 13.48 | 31.08 | | 0.69 | 0.81 | | 0.09 | 2.26E-03 | 2.26E-03 | 7.62E-03 | 2.29E-03 | 4.52E-03 | 9.04E-03 | 2.26E-03 | 5.93E-03 | | 6.36E-04 | 8.15E-04 | 1.78E-04 | 6.58E-05 | 1.68E-04 | | | | | |
| 79 | Daycare N | 678513.4 | 4865058.0 | | 0.08 | 13.39 | 30.87 | | 0.73 | 0.81 | | 0.10 | 2.40E-03 | 2.40E-03 | 8.11E-03 | 2.44E-03 | 4.81E-03 | 9.62E-03 | 2.40E-03 | 6.31E-03 | | 6.77E-04 | 8.68E-04 | 1.90E-04 | 7.00E-05 | 1.79E-04 | | | | | |
| 80 | Daycare O | 672788.7 | 4863936.6 | | 0.10 | 17.15 | 39.53 | | 0.54 | 1.03 | | 0.07 | 1.79E-03 | 1.79E-03 | 6.03E-03 | 1.81E-03 | 3.57E-03 | 7.15E-03 | 1.79E-03 | 4.69E-03 | | 5.03E-04 | 6.45E-04 | 1.41E-04 | 5.20E-05 | 1.33E-04 | | | | | |
| 81 | Daycare P | 673952.8 | 4863592.5 | | 0.14 | 24.14 | 55.66 | | 0.62 | 1.45 | | 0.08 | 2.01E-03 | 2.01E-03 | 6.79E-03 | 2.04E-03 | 4.02E-03 | 8.05E-03 | 2.01E-03 | 5.28E-03 | | 5.66E-04 | 7.26E-04 | 1.59E-04 | 5.86E-05 | 1.50E-04 | | | | | |
| 82 | Daycare Q | 671751.8 | 4864887.7 | | 0.07 | 12.50 | 28.82 | | 0.46 | 0.75 | | 0.06 | 1.53E-03 | 1.53E-03 | 5.18E-03 | 1.56E-03 | 3.07E-03 | 6.14E-03 | 1.53E-03 | 4.03E-03 | | 4.32E-04 | 5.54E-04 | 1.21E-04 | 4.47E-05 | 1.14E-04 | | | | | |
| 83 | Daycare R | 685714.4 | 4864667.4 | | 0.20 | 35.15 | 81.02 | | 1.20 | 2.11 | | 0.15 | 3.81E-03 | 3.81E-03 | 0.01 | 3.87E-03 | 7.62E-03 | 0.02 | 3.81E-03 | 0.01 | | 1.07E-03 | 1.38E-03 | 3.01E-04 | 1.11E-04 | 2.83E-04 | | | | | |
| 84 | Daycare S | 684177.9 | 4863618.2 | | 0.21 | 35.23 | 81.21 | | 1.56 | 2.12 | | 0.19 | 4.90E-03 | 4.90E-03 | 0.02 | 4.98E-03 | 9.80E-03 | 0.02 | 4.90E-03 | 0.01 | | 1.38E-03 | 1.77E-03 | 3.87E-04 | 1.43E-04 | 3.64E-04 | | | | | |
| 85 | Daycare T | 678423.6 | 4864480.4 | | 0.07 | 11.64 | 26.82 | | 0.74 | 0.70 | | 0.09 | 2.38E-03 | 2.38E-03 | 8.02E-03 | 2.41E-03 | 4.75E-03 | 9.52E-03 | 2.38E-03 | 6.24E-03 | | 6.69E-04 | 8.58E-04 | 1.88E-04 | 6.92E-05 | 1.77E-04 | | | | | |
| 86 | Daycare U | 685330.5 | 4863435.1 | | 0.29 | 50.49 | 116.39 | | 1.31 | 3.04 | | 0.16 | 4.05E-03 | 4.05E-03 | 0.01 | 4.11E-03 | 8.10E-03 | 0.02 | 4.05E-03 | 0.01 | | 1.14E-03 | 1.46E-03 | 3.20E-04 | 1.18E-04 | 3.01E-04 | | | | | |
| 87 | Daycare V | 685153.2 | 4863236.9 | | 0.28 | 47.22 | 108.86 | | 1.41 | 2.84 | | 0.17 | 4.34E-03 | 4.34E-03 | 0.01 | 4.41E-03 | 8.69E-03 | 0.02 | 4.34E-03 | 0.01 | | 1.22E-03 | 1.57E-03 | 3.43E-04 | 1.26E-04 | 3.23E-04 | | | | | |
| 88 | Daycare W | 672679.0 | 4862044.9 | | 0.11 | 18.72 | 43.16 | | 0.78 | 1.13 | | 0.10 | 2.49E-03 | 2.49E-03 | 8.39E-03 | 2.53E-03 | 4.97E-03 | 9.95E-03 | 2.49E-03 | 6.53E-03 | | 7.00E-04 | 8.98E-04 | 1.96E-04 | 7.24E-05 | 1.85E-04 | | | | | |
| 89 | Daycare X | 672076.5 | 4865285.8 | | 0.07 | 11.83 | 27.28 | | 0.48 | 0.71 | | 0.06 | 1.58E-03 | 1.58E-03 | 5.33E-03 | 1.60E-03 | 3.16E-03 | 6.32E-03 | 1.58E-03 | 4.14E-03 | | 4.44E-04 | 5.70E-04 | 1.25E-04 | 4.60E-05 | 1.17E-04 | | | | | |
| 90 | Daycare Y | 672638.0 | 4859664.4 | | 0.05 | 8.16 | 18.81 | | 0.59 | 0.49 | | 0.08 | 1.92E-03 | 1.92E-03 | 6.49E-03 | 1.95E-03 | 3.84E-03 | 7.69E-03 | 1.92E-03 | 5.05E-03 | | 5.41E-04 | 6.94E-04 | 1.52E-04 | 5.60E-05 | 1.43E-04 | | | | | |
| 91 | Daycare Z | 673735.9 | 4858958.0 | | 0.02 | 4.11 | 9.48 | | 0.77 | 0.25 | | 0.10 | 2.49E-03 | 2.49E-03 | 8.39E-03 | 2.53E-03 | 4.97E-03 | 9.95E-03 | 2.49E-03 | 6.53E-03 | | 7.00E-04 | 8.98E-04 | 1.96E-04 | 7.24E-05 | 1.85E-04 | | | | | |
| 92 | Daycare AA | 673121.8 | 4863385.9 | | 0.11 | 18.97 | 43.74 | | 0.62 | 1.14 | | 0.08 | 2.00E-03 | 2.00E-03 | 6.74E-03 | 2.03E-03 | 3.99E-03 | 8.00E-03 | 2.00E-03 | 5.25E-03 | | 5.62E-04 | 7.21E-04 | 1.58E-04 | 5.82E-05 | 1.49E-04 | | | | | |
| 93 | Daycare BB | 673904.8 | 4862282.2 | | 0.13 | 21.59 | 49.78 | | 0.93 | 1.30 | | 0.12 | 2.94E-03 | 2.94E-03 | 9.91E-03 | 2.98E-03 | 5.87E-03 | 0.01 | 2.94E-03 | 7.71E-03 | | 8.27E-04 | 1.06E-03 | 2.32E-04 | 8.55E-05 | 2.18E-04 | | | | | |
| 94 | Daycare CC | 671471.6 | 4861795.3 | | 0.08 | 13.25 | 30.55 | | 0.58 | 0.80 | | 0.07 | 1.89E-03 | 1.89E-03 | 6.37E-03 | 1.92E-03 | 3.78E-03 | 7.56E-03 | 1.89E-03 | 4.96E-03 | | 5.32E-04 | 6.82E-04 | 1.49E-04 | 5.50E-05 | 1.40E-04 | | | | | |
| 95 | Daycare DD | 673057.3 | 4862625.6 | | 0.10 | 17.14 | 39.52 | | 0.78 | 1.03 | | 0.10 | 2.51E-03 | 2.51E-03 | 8.48E-03 | 2.55E-03 | 5.02E-03 | 0.01 | 2.51E-03 | 6.60E-03 | | 7.07E-04 | 9.07E-04 | 1.98E-04 | 7.32E-05 | 1.87E-04 | | | | | |
| 96 | Daycare EE | 674917.1 | 4863957.2 | | 0.13 | 23.10 | 53.25 | | 0.70 | 1.39 | | 0.09 | 2.24E-03 | 2.24E-03 | 7.56E-03 | 2.28E-03 | 4.48E-03 | 8.97E-03 | | | | | | | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Vanadium | Zinc | Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb) | Mercury | Vapour | Particulate | Chlorinated Monocyclic Aromatics | 1,2-Dichlorobenzene | 1,2,4,5-Tetrachlorobenzene | 1,2,4-Trichlorobenzene | 2,3,4,6-Tetrachlorophenol | 2,4,6-Trichlorophenol | 2,4-Dichlorophenol | Pentachlorophenol | Hexachlorobenzene | Pentachlorobenzene | Polycyclic Organic Matter | Acenaphthylene | Acenaphthene | Anthracene | Benzo(a)anthracene | Benzo(b)fluoranthene | | | | | |
|----------|------------------------|----------|-----------|-------------|----------------------------|-------|--|---------|----------|-------------|----------------------------------|---------------------|----------------------------|------------------------|---------------------------|-----------------------|--------------------|-------------------|-------------------|--------------------|---------------------------|----------------|--------------|------------|--------------------|----------------------|----------|----------|---|---|---|
| | | | | | Vapour (V)/Particulate (P) | P | P | | P | V | P | V | V | V | V | V | V | V | V | V | | V | V | V | V | V | V | V | V | V | V |
| | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | | 4.80E-05 | 8.24E-03 | 0.02 | 1.24E-04 | 4.96E-04 | 8.45E-05 | 2.13E-06 | 2.13E-06 | 7.18E-06 | 2.16E-06 | 4.25E-06 | 8.52E-06 | | 2.13E-06 | 5.59E-06 | 5.99E-07 | 7.68E-07 | 1.68E-07 | 6.20E-08 | 1.58E-07 | | | |
| 111 | Comm. Resp. Services | 676045.4 | 4863902.5 | | 0.10 | 16.57 | 38.21 | | 0.71 | 1.00 | | 0.09 | 2.27E-03 | 2.27E-03 | 7.68E-03 | 2.31E-03 | 4.55E-03 | 9.10E-03 | 2.27E-03 | 5.97E-03 | | 6.40E-04 | 8.21E-04 | 1.80E-04 | 6.62E-05 | 1.69E-04 | | | | | |
| 112 | Hospital | 671712.7 | 4862364.1 | | 0.08 | 14.14 | 32.59 | | 0.70 | 0.85 | | 0.09 | 2.26E-03 | 2.26E-03 | 7.63E-03 | 2.30E-03 | 4.52E-03 | 9.06E-03 | 2.26E-03 | 5.94E-03 | | 6.37E-04 | 8.17E-04 | 1.79E-04 | 6.59E-05 | 1.68E-04 | | | | | |
| 113 | Retirement Residence A | 684199.9 | 4864120.3 | | 0.23 | 38.69 | 89.18 | | 1.43 | 2.33 | | 0.18 | 4.53E-03 | 4.53E-03 | 0.02 | 4.61E-03 | 9.07E-03 | 0.02 | 4.53E-03 | 0.01 | | 1.28E-03 | 1.64E-03 | 3.58E-04 | 1.32E-04 | 3.37E-04 | | | | | |
| 114 | Retirement Residence B | 685483.9 | 4865150.9 | | 0.18 | 30.88 | 71.19 | | 1.15 | 1.86 | | 0.15 | 3.69E-03 | 3.69E-03 | 0.01 | 3.75E-03 | 7.39E-03 | 0.01 | 3.69E-03 | 9.70E-03 | | 1.04E-03 | 1.33E-03 | 2.92E-04 | 1.08E-04 | 2.75E-04 | | | | | |
| 115 | Retirement Residence C | 686844.0 | 4864732.1 | | 0.19 | 32.93 | 75.92 | | 0.98 | 1.98 | | 0.12 | 3.15E-03 | 3.15E-03 | 0.01 | 3.20E-03 | 6.29E-03 | 0.01 | 3.15E-03 | 8.27E-03 | | 8.86E-04 | 1.14E-03 | 2.49E-04 | 9.17E-05 | 2.34E-04 | | | | | |
| 116 | Retirement Residence D | 673481.7 | 4863343.4 | | 0.12 | 21.34 | 49.18 | | 0.63 | 1.28 | | 0.08 | 2.05E-03 | 2.05E-03 | 6.91E-03 | 2.08E-03 | 4.09E-03 | 8.20E-03 | 2.05E-03 | 5.38E-03 | | 5.76E-04 | 7.39E-04 | 1.62E-04 | 5.96E-05 | 1.52E-04 | | | | | |
| 117 | Retirement Residence E | 671825.2 | 4864399.0 | | 0.07 | 12.83 | 29.57 | | 0.48 | 0.77 | | 0.06 | 1.59E-03 | 1.59E-03 | 5.36E-03 | 1.61E-03 | 3.18E-03 | 6.36E-03 | 1.59E-03 | 4.17E-03 | | 4.47E-04 | 5.73E-04 | 1.25E-04 | 4.62E-05 | 1.18E-04 | | | | | |
| 118 | Retirement Residence F | 671606.3 | 4864536.0 | | 0.07 | 12.11 | 27.92 | | 0.47 | 0.73 | | 0.06 | 1.56E-03 | 1.56E-03 | 5.28E-03 | 1.59E-03 | 3.13E-03 | 6.27E-03 | 1.56E-03 | 4.11E-03 | | 4.41E-04 | 5.65E-04 | 1.24E-04 | 4.56E-05 | 1.16E-04 | | | | | |
| 119 | Retirement Residence G | 671357.1 | 4862958.7 | | 0.07 | 11.33 | 26.11 | | 0.69 | 0.68 | | 0.09 | 2.23E-03 | 2.23E-03 | 7.53E-03 | 2.27E-03 | 4.46E-03 | 8.93E-03 | 2.23E-03 | 5.86E-03 | | 6.28E-04 | 8.06E-04 | 1.76E-04 | 6.50E-05 | 1.66E-04 | | | | | |
| 120 | Retirement Residence H | 671514.0 | 4862262.9 | | 0.08 | 13.76 | 31.71 | | 0.68 | 0.83 | | 0.09 | 2.19E-03 | 2.19E-03 | 7.38E-03 | 2.22E-03 | 4.37E-03 | 8.75E-03 | 2.19E-03 | 5.74E-03 | | 6.16E-04 | 7.90E-04 | 1.73E-04 | 6.37E-05 | 1.63E-04 | | | | | |
| 121 | Retirement Residence I | 672602.2 | 4863075.9 | | 0.09 | 14.64 | 33.75 | | 0.70 | 0.88 | | 0.09 | 2.24E-03 | 2.24E-03 | 7.58E-03 | 2.28E-03 | 4.49E-03 | 8.99E-03 | 2.24E-03 | 5.90E-03 | | 6.32E-04 | 8.11E-04 | 1.77E-04 | 6.54E-05 | 1.67E-04 | | | | | |
| 122 | Retirement Residence J | 671719.1 | 4862893.1 | | 0.07 | 12.24 | 28.23 | | 0.70 | 0.74 | | 0.09 | 2.28E-03 | 2.28E-03 | 7.69E-03 | 2.32E-03 | 4.56E-03 | 9.13E-03 | 2.28E-03 | 5.99E-03 | | 6.42E-04 | 8.23E-04 | 1.80E-04 | 6.64E-05 | 1.70E-04 | | | | | |
| 123 | Retirement Residence K | 686718.0 | 4865648.7 | | 0.14 | 24.74 | 57.03 | | 0.98 | 1.49 | | 0.13 | 3.16E-03 | 3.16E-03 | 0.01 | 3.22E-03 | 6.33E-03 | 0.01 | 3.16E-03 | 8.31E-03 | | 8.91E-04 | 1.14E-03 | 2.50E-04 | 9.22E-05 | 2.35E-04 | | | | | |
| 124 | Retirement Residence L | 676168.7 | 4865669.9 | | 0.03 | 5.55 | 12.78 | | 0.51 | 0.33 | | 0.07 | 1.70E-03 | 1.70E-03 | 5.75E-03 | 1.73E-03 | 3.41E-03 | 6.82E-03 | 1.70E-03 | 4.47E-03 | | 4.79E-04 | 6.15E-04 | 1.35E-04 | 4.96E-05 | 1.27E-04 | | | | | |
| 125 | Retirement Residence M | 676118.5 | 4863980.7 | | 0.09 | 15.49 | 35.71 | | 0.68 | 0.93 | | 0.09 | 2.16E-03 | 2.16E-03 | 7.30E-03 | 2.20E-03 | 4.33E-03 | 8.66E-03 | 2.16E-03 | 5.68E-03 | | 6.09E-04 | 7.81E-04 | 1.71E-04 | 6.30E-05 | 1.61E-04 | | | | | |
| 126 | Bow. Subdivision 12 | 684649.2 | 4863182.7 | | 0.23 | 40.30 | 92.89 | | 1.54 | 2.42 | | 0.19 | 4.71E-03 | 4.71E-03 | 0.02 | 4.79E-03 | 9.42E-03 | 0.02 | 4.71E-03 | 0.01 | | 1.33E-03 | 1.70E-03 | 3.72E-04 | 1.37E-04 | 3.50E-04 | | | | | |
| 127 | Primary School B | 685384.8 | 4863575.3 | | 0.29 | 49.89 | 115.00 | | 1.27 | 3.00 | | 0.16 | 3.91E-03 | 3.91E-03 | 0.01 | 3.97E-03 | 7.81E-03 | 0.02 | 3.91E-03 | 0.01 | | 1.10E-03 | 1.41E-03 | 3.09E-04 | 1.14E-04 | 2.90E-04 | | | | | |
| 128 | Primary School C | 685021.6 | 4863952.9 | | 0.27 | 46.14 | 106.37 | | 1.28 | 2.77 | | 0.16 | 4.05E-03 | 4.05E-03 | 0.01 | 4.11E-03 | 8.09E-03 | 0.02 | 4.05E-03 | 0.01 | | 1.14E-03 | 1.46E-03 | 3.20E-04 | 1.18E-04 | 3.01E-04 | | | | | |
| 129 | Primary School D | 686237.0 | 4864085.5 | | 0.23 | 40.13 | 92.51 | | 1.08 | 2.41 | | 0.13 | 3.35E-03 | 3.35E-03 | 0.01 | 3.41E-03 | 6.71E-03 | 0.01 | 3.35E-03 | 8.81E-03 | | 9.44E-04 | 1.21E-03 | 2.65E-04 | 9.77E-05 | 2.49E-04 | | | | | |
| 130 | Primary School E | 686719.0 | 4863734.7 | | 0.23 | 39.43 | 90.89 | | 1.07 | 2.37 | | 0.13 | 3.33E-03 | 3.33E-03 | 0.01 | 3.38E-03 | 6.66E-03 | 0.01 | 3.33E-03 | 8.74E-03 | | 9.37E-04 | 1.20E-03 | 2.63E-04 | 9.69E-05 | 2.48E-04 | | | | | |
| 131 | Primary School F | 686357.0 | 4864754.9 | | 0.20 | 34.15 | 78.73 | | 1.04 | 2.05 | | 0.13 | 3.33E-03 | 3.33E-03 | 0.01 | 3.38E-03 | 6.66E-03 | 0.01 | 3.33E-03 | 8.74E-03 | | 9.37E-04 | 1.20E-03 | 2.63E-04 | 9.69E-05 | 2.48E-04 | | | | | |
| 132 | Primary School G | 685502.0 | 4865013.4 | | 0.18 | 31.54 | 72.72 | | 1.18 | 1.90 | | 0.15 | 3.76E-03 | 3.76E-03 | 0.01 | 3.82E-03 | 7.52E-03 | 0.02 | 3.76E-03 | 9.88E-03 | | 1.06E-03 | 1.36E-03 | 2.97E-04 | 1.10E-04 | 2.80E-04 | | | | | |
| 133 | Primary School H | 686726.7 | 4866061.5 | | 0.11 | 19.29 | 44.46 | | 0.94 | 1.16 | | 0.12 | 3.07E-03 | 3.07E-03 | 0.01 | 3.12E-03 | 6.14E-03 | 0.01 | 3.07E-03 | 8.07E-03 | | 8.65E-04 | 1.11E-03 | 2.43E-04 | 8.95E-05 | 2.28E-04 | | | | | |
| 134 | Primary School I | 685186.2 | 4866568.2 | | 0.19 | 32.29 | 74.44 | | 1.01 | 1.94 | | 0.13 | 3.29E-03 | 3.29E-03 | 0.01 | 3.35E-03 | 6.59E-03 | 0.01 | 3.29E-03 | 8.65E-03 | | 9.28E-04 | 1.19E-03 | 2.60E-04 | 9.60E-05 | 2.45E-04 | | | | | |
| 135 | Primary School J | 685965.3 | 4866979.0 | | 0.12 | 20.81 | 47.98 | | 0.88 | 1.25 | | 0.11 | 2.89E-03 | 2.89E-03 | 9.76E-03 | 2.94E-03 | 5.79E-03 | 0.01 | 2.89E-03 | 7.60E-03 | | 8.14E-04 | 1.04E-03 | 2.29E-04 | 8.43E-05 | 2.15E-04 | | | | | |
| 136 | Primary School K | 677709.9 | 4864726.5 | | 0.07 | 11.85 | 27.32 | | 0.59 | 0.71 | | 0.08 | 1.93E-03 | 1.93E-03 | 6.50E-03 | 1.96E-03 | 3.85E-03 | 7.71E-03 | 1.93E-03 | 5.06E-03 | | 5.42E-04 | 6.96E-04 | 1.52E-04 | 5.61E-05 | 1.43E-04 | | | | | |
| 137 | Primary School L | 675988.3 | 4864270.2 | | 0.07 | 12.62 | 29.08 | | 0.64 | 0.76 | | 0.08 | 2.03E-03 | 2.03E-03 | 6.86E-03 | 2.06E-03 | 4.06E-03 | 8.13E-03 | 2.03E-03 | 5.34E-03 | | 5.72E-04 | 7.34E-04 | 1.61E-04 | 5.92E-05 | 1.51E-04 | | | | | |
| 138 | Primary School M | 676608.7 | 4862739.0 | | 0.23 | 38.89 | 89.65 | | 0.99 | 2.34 | | 0.13 | 3.15E-03 | 3.15E-03 | 0.01 | 3.20E-03 | 6.30E-03 | 0.01 | 3.15E-03 | 8.28E-03 | | 8.88E-04 | 1.14E-03 | 2.49E-04 | 9.18E-05 | 2.34E-04 | | | | | |
| 139 | Primary School N | 677222.2 | 4863759.1 | | 0.07 | 12.47 | 28.75 | | 0.73 | 0.75 | | 0.09 | 2.38E-03 | 2.38E-03 | 8.03E-03 | 2.42E-03 | 4.76E-03 | 9.53E-03 | 2.38E-03 | 6.25E-03 | | 6.70E-04 | 8.59E-04 | 1.88E-04 | 6.93E-05 | 1.77E-04 | | | | | |
| 140 | Primary School O | 678154.9 | 4863872.7 | | 0.08 | 13.41 | 30.92 | | 0.73 | 0.81 | | 0.09 | 2.36E-03 | 2.36E-03 | 7.97E-03 | 2.40E-03 | 4.72E-03 | 9.45E-03 | 2.36E-03 | 6.20E-03 | | 6.65E-04 | 8.53E-04 | 1.87E-04 | 6.88E-05 | 1.76E-04 | | | | | |
| 141 | Court. Subdivision 12 | 678309.6 | 4863600.8 | | 0.08 | 13.08 | 30.16 | | 0.83 | 0.79 | | 0.11 | 2.66E-03 | 2.66E-03 | 8.97E-03 | 2.70E-03 | 5.32E-03 | 0.01 | 2.66E-03 | 6.98E-03 | | 7.49E-04 | 9.60E-04 | 2.10E-04 | 7.74E-05 | 1.98E-04 | | | | | |
| 142 | Primary School Q | 677010.6 | 4862470.6 | | 0.08 | 14.31 | 33.00 | | 1.18 | 0.86 | | 0.15 | 3.74E-03 | 3.74E-03 | 0.01 | 3.80E-03 | 7.48E-03 | 0.01 | 3.74E-03 | 9.83E-03 | | 1.05E-03 | 1.35E-03 | 2.96E-04 | 1.09E-04 | 2.78E-04 | | | | | |
| 143 | Primary School R | 677431.3 | 4866694.7 | | 0.06 | 9.57 | 22.06 | | 0.55 | 0.58 | | 0.07 | 1.80E-03 | 1.80E-03 | 6.08E-03 | 1.83E-03 | 3.60E-03 | 7.21E-03 | 1.80E-03 | 4.73E-03 | | 5.07E-04 | 6.50E-04 | 1.42E-04 | 5.24E-05 | 1.34E-04 | | | | | |
| 144 | Primary School S | 675266.2 | 4863562.9 | | 0.18 | 30.13 | 69.45 | | 0.77 | 1.81 | | 0.10 | 2.45E-03 | 2.45E-03 | 8.28E-03 | 2.49E-03 | 4.91E-03 | 9.82E-03 | 2.45E-03 | 6.44E-03 | | 6.91E-04 | 8.86E-04 | 1.94E-04 | 7.15E-05 | 1.82E-04 | | | | | |
| 145 | Primary School T | 673479.2 | 4860029.4 | | 0.06 | 9.80 | 22.60 | | 0.59 | 0.59 | | 0.08 | 1.91E-03 | 1.91E-03 | 6.45E-03 | 1.94E-03 | 3.82E-03 | 7.65E-03 | 1.91E-03 | 5.02E-03 | | 5.38E-04 | 6.90E-04 | 1.51E-04 | 5.56E-05 | 1.42E-04 | | | | | |
| 146 | Primary School U | 670856.0 | 4860710.6 | | 0.04 | 7.57 | 17.46 | | 0.52 | 0.46 | | 0.07 | 1.73E-03 | 1.73E-03 | 5.82E-03 | 1.75E-03 | 3.45E-03 | 6.91E-03 | 1.73E-03 | 4.53E-03 | | 4.86E-04 | 6.23E-04 | 1.36E-04 | 5.03E-05 | 1.28E-04 | | | | | |
| 147 | Primary School V | 672660.2 | 4863909.2 | | 0.10 | 16.55 | 38.16 | | 0.55 | 1.00 | | 0.07 | 1.80E-03 | 1.80E-03 | 6.07E-03 | 1.83E-03 | 3.60E-03 | 7.20E-03 | 1.80E-03 | 4.73E-03 | | 5.07E-04 | 6.50E-04 | 1.42E-04 | 5.24E-05 | 1.34E-04 | | | | | |
| 148 | Primary School W | 672735.2 | 4859232.9 | | 0.04 | 7.70 | 17.74 | | 0.68 | 0.46 | | 0.09 | 2.21E-03 | 2.21E-03 | 7.47E-03 | 2.25E-03 | 4.43E-03 | 8.86E-03 | 2.21E-03 | 5.81E-03 | | 6.23E-04 | 7.99E-04 | 1.75E-04 | 6.45E-05 | 1.65E-04 | | | | | |
| 149 | Primary School X | 673575.8 | 4862688.6 | | 0.11 | 19.63 | 45.24 | | 0.79 | 1.18 | | 0.10 | 2.52E-03 | 2.52E-03 | 8.51E-03 | 2.56E-03 | 5.04E-03 | 0.01 | 2.52E-03 | 6.62E-03 | | 7.10E-04 | 9.10E-04 | 1.99E-04 | 7.34E-05 | 1.87E-04 | | | | | |
| 150 | Primary School Y | 673710.3 | 4861969.0 | | 0.13 | 22.50 | 51.87 | | 0.90 | 1.35 | | 0.11 | 2.86E-03 | 2.86E-03 | 9.64E-03 | 2.90E-03 | 5.71E-03 | 0.01 | 2.86E-03 | 7.51E-03 | | 8.04E-04 | 1.03E-03 | 2.26E-04 | 8.32E-05 | 2.12E-04 | | | | | |
| 151 | Primary School Z | 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Vanadium | Zinc | Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb) | Mercury | Vapour | Particulate | Chlorinated Monocyclic Aromatics | 1,2-Dichlorobenzene | 1,2,4,5-Tetrachlorobenzene | 1,2,4-Trichlorobenzene | 2,3,4,6-Tetrachlorophenol | 2,4,6-Trichlorophenol | 2,4-Dichlorophenol | Pentachlorophenol | Hexachlorobenzene | Pentachlorobenzene | Polycyclic Organic Matter | Acenaphthylene | Acenaphthene | Anthracene | Benzo(a)anthracene | Benzo(b)fluoranthene | | | | | |
|----------|---------------------|----------|-----------|-------------|------------------------|-------|--|---------|----------|-------------|----------------------------------|---------------------|----------------------------|------------------------|---------------------------|-----------------------|--------------------|-------------------|-------------------|--------------------|---------------------------|----------------|--------------|------------|--------------------|----------------------|----------|----------|---|---|---|
| | | | | | Vapour (V)/Particulate | P | P | | P | V | P | V | V | V | V | V | V | V | V | V | | V | V | V | V | V | V | V | V | V | V |
| | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | | 4.80E-05 | 8.24E-03 | 0.02 | 1.24E-04 | 4.96E-04 | 8.45E-05 | 2.13E-06 | 2.13E-06 | 7.18E-06 | 2.16E-06 | 4.25E-06 | 8.52E-06 | | 2.13E-06 | 5.59E-06 | 5.99E-07 | 7.68E-07 | 1.68E-07 | 6.20E-08 | 1.58E-07 | | | |
| 166 | Primary School OO | 675474.8 | 4863221.7 | | 0.23 | 38.78 | 89.40 | | 0.83 | 2.33 | | 0.10 | 2.62E-03 | 2.62E-03 | 8.83E-03 | 2.66E-03 | 5.23E-03 | 0.01 | 2.62E-03 | 6.87E-03 | | 7.36E-04 | 9.45E-04 | 2.07E-04 | 7.62E-05 | 1.95E-04 | | | | | |
| 167 | Primary School PP | 672441.8 | 4858748.6 | | 0.04 | 7.69 | 17.73 | | 0.58 | 0.46 | | 0.08 | 1.92E-03 | 1.92E-03 | 6.47E-03 | 1.95E-03 | 3.83E-03 | 7.68E-03 | 1.92E-03 | 5.04E-03 | | 5.40E-04 | 6.92E-04 | 1.52E-04 | 5.58E-05 | 1.43E-04 | | | | | |
| 168 | Primary School QQ | 672796.8 | 4864438.2 | | 0.10 | 16.30 | 37.58 | | 0.51 | 0.98 | | 0.07 | 1.66E-03 | 1.66E-03 | 5.61E-03 | 1.69E-03 | 3.32E-03 | 6.65E-03 | 1.66E-03 | 4.36E-03 | | 4.68E-04 | 6.00E-04 | 1.31E-04 | 4.84E-05 | 1.24E-04 | | | | | |
| 169 | Primary School RR | 671351.4 | 4863284.0 | | 0.06 | 9.95 | 22.93 | | 0.66 | 0.60 | | 0.09 | 2.14E-03 | 2.14E-03 | 7.22E-03 | 2.17E-03 | 4.28E-03 | 8.57E-03 | 2.14E-03 | 5.62E-03 | | 6.03E-04 | 7.73E-04 | 1.69E-04 | 6.23E-05 | 1.59E-04 | | | | | |
| 170 | Primary School SS | 673213.9 | 4862125.5 | | 0.12 | 20.53 | 47.34 | | 0.84 | 1.23 | | 0.11 | 2.67E-03 | 2.67E-03 | 9.02E-03 | 2.71E-03 | 5.34E-03 | 0.01 | 2.67E-03 | 7.02E-03 | | 7.52E-04 | 9.65E-04 | 2.11E-04 | 7.78E-05 | 1.99E-04 | | | | | |
| 171 | Primary School TT | 671017.9 | 4860953.7 | | 0.05 | 8.89 | 20.50 | | 0.51 | 0.53 | | 0.07 | 1.69E-03 | 1.69E-03 | 5.72E-03 | 1.72E-03 | 3.39E-03 | 6.78E-03 | 1.69E-03 | 4.45E-03 | | 4.77E-04 | 6.12E-04 | 1.34E-04 | 4.93E-05 | 1.26E-04 | | | | | |
| 172 | Primary School UU | 670991.0 | 4861089.8 | | 0.05 | 9.39 | 21.66 | | 0.49 | 0.56 | | 0.07 | 1.66E-03 | 1.66E-03 | 5.60E-03 | 1.69E-03 | 3.32E-03 | 6.64E-03 | 1.66E-03 | 4.36E-03 | | 4.67E-04 | 5.99E-04 | 1.31E-04 | 4.83E-05 | 1.23E-04 | | | | | |
| 173 | Primary School VV | 674150.1 | 4862294.8 | | 0.12 | 21.44 | 49.44 | | 0.95 | 1.29 | | 0.12 | 3.00E-03 | 3.00E-03 | 0.01 | 3.05E-03 | 6.01E-03 | 0.01 | 3.00E-03 | 7.89E-03 | | 8.45E-04 | 1.08E-03 | 2.37E-04 | 8.75E-05 | 2.23E-04 | | | | | |
| 174 | Primary School WW | 672005.2 | 4861707.9 | | 0.09 | 15.26 | 35.17 | | 0.64 | 0.92 | | 0.08 | 2.07E-03 | 2.07E-03 | 7.00E-03 | 2.11E-03 | 4.15E-03 | 8.30E-03 | 2.07E-03 | 5.45E-03 | | 5.84E-04 | 7.49E-04 | 1.64E-04 | 6.04E-05 | 1.54E-04 | | | | | |
| 175 | Primary School XX | 684172.1 | 4863615.6 | | 0.20 | 34.95 | 80.57 | | 1.56 | 2.10 | | 0.20 | 4.91E-03 | 4.91E-03 | 0.02 | 4.99E-03 | 9.82E-03 | 0.02 | 4.91E-03 | 0.01 | | 1.38E-03 | 1.77E-03 | 3.88E-04 | 1.43E-04 | 3.65E-04 | | | | | |
| 176 | Primary School YY | 683923.3 | 4866636.4 | | 0.14 | 24.31 | 56.04 | | 1.09 | 1.46 | | 0.14 | 3.54E-03 | 3.54E-03 | 0.01 | 3.60E-03 | 7.09E-03 | 0.01 | 3.54E-03 | 9.31E-03 | | 9.98E-04 | 1.28E-03 | 2.80E-04 | 1.03E-04 | 2.64E-04 | | | | | |
| 177 | Primary School ZZ | 680446.0 | 4865770.5 | | 0.06 | 11.02 | 25.41 | | 0.79 | 0.66 | | 0.10 | 2.63E-03 | 2.63E-03 | 8.89E-03 | 2.67E-03 | 5.27E-03 | 0.01 | 2.63E-03 | 6.92E-03 | | 7.41E-04 | 9.51E-04 | 2.08E-04 | 7.67E-05 | 1.96E-04 | | | | | |
| 178 | Vacant School | 685612.9 | 4864520.0 | | 0.21 | 35.87 | 82.70 | | 1.18 | 2.16 | | 0.15 | 3.77E-03 | 3.77E-03 | 0.01 | 3.83E-03 | 7.54E-03 | 0.02 | 3.77E-03 | 9.90E-03 | | 1.06E-03 | 1.36E-03 | 2.98E-04 | 1.10E-04 | 2.80E-04 | | | | | |
| 179 | Secondary School A | 686291.4 | 4865064.3 | | 0.19 | 31.79 | 73.29 | | 1.03 | 1.91 | | 0.13 | 3.33E-03 | 3.33E-03 | 0.01 | 3.38E-03 | 6.65E-03 | 0.01 | 3.33E-03 | 8.74E-03 | | 9.37E-04 | 1.20E-03 | 2.63E-04 | 9.69E-05 | 2.47E-04 | | | | | |
| 180 | Secondary School B | 683875.0 | 4864741.7 | | 0.13 | 22.56 | 52.01 | | 1.44 | 1.36 | | 0.18 | 4.57E-03 | 4.57E-03 | 0.02 | 4.65E-03 | 9.14E-03 | 0.02 | 4.57E-03 | 0.01 | | 1.29E-03 | 1.65E-03 | 3.61E-04 | 1.33E-04 | 3.40E-04 | | | | | |
| 181 | Secondary School C | 684650.3 | 4866460.3 | | 0.18 | 31.14 | 71.78 | | 1.05 | 1.87 | | 0.14 | 3.42E-03 | 3.42E-03 | 0.01 | 3.48E-03 | 6.84E-03 | 0.01 | 3.42E-03 | 8.99E-03 | | 9.64E-04 | 1.24E-03 | 2.70E-04 | 9.97E-05 | 2.55E-04 | | | | | |
| 182 | Secondary School D | 678099.5 | 4864838.2 | | 0.08 | 13.54 | 31.22 | | 0.66 | 0.81 | | 0.08 | 2.13E-03 | 2.13E-03 | 7.20E-03 | 2.17E-03 | 4.26E-03 | 8.54E-03 | 2.13E-03 | 5.60E-03 | | 6.00E-04 | 7.70E-04 | 1.62E-04 | 6.21E-05 | 1.59E-04 | | | | | |
| 183 | Secondary School E | 678467.0 | 4863431.2 | | 0.06 | 9.83 | 22.65 | | 0.89 | 0.59 | | 0.11 | 2.83E-03 | 2.83E-03 | 9.57E-03 | 2.88E-03 | 5.67E-03 | 0.01 | 2.83E-03 | 7.45E-03 | | 7.98E-04 | 1.02E-03 | 2.24E-04 | 8.26E-05 | 2.11E-04 | | | | | |
| 184 | Secondary School F | 674144.9 | 4862762.7 | | 0.14 | 24.88 | 57.35 | | 0.77 | 1.50 | | 0.10 | 2.48E-03 | 2.48E-03 | 8.36E-03 | 2.52E-03 | 4.95E-03 | 9.91E-03 | 2.48E-03 | 6.50E-03 | | 6.97E-04 | 8.94E-04 | 1.96E-04 | 7.21E-05 | 1.84E-04 | | | | | |
| 185 | Secondary School G | 673816.0 | 4864357.1 | | 0.11 | 18.74 | 43.19 | | 0.58 | 1.13 | | 0.07 | 1.87E-03 | 1.87E-03 | 6.32E-03 | 1.90E-03 | 3.74E-03 | 7.49E-03 | 1.87E-03 | 4.92E-03 | | 5.27E-04 | 6.76E-04 | 1.48E-04 | 5.45E-05 | 1.39E-04 | | | | | |
| 186 | Secondary School H | 673145.4 | 4858569.0 | | 0.03 | 5.65 | 13.03 | | 0.59 | 0.34 | | 0.08 | 1.94E-03 | 1.94E-03 | 6.54E-03 | 1.97E-03 | 3.88E-03 | 7.76E-03 | 1.94E-03 | 5.09E-03 | | 5.46E-04 | 7.00E-04 | 1.53E-04 | 5.65E-05 | 1.44E-04 | | | | | |
| 187 | Secondary School I | 671291.7 | 4863581.3 | | 0.06 | 9.48 | 21.86 | | 0.63 | 0.57 | | 0.08 | 2.05E-03 | 2.05E-03 | 6.92E-03 | 2.08E-03 | 4.10E-03 | 8.21E-03 | 2.05E-03 | 5.38E-03 | | 5.77E-04 | 7.40E-04 | 1.62E-04 | 5.97E-05 | 1.52E-04 | | | | | |
| 188 | Secondary School J | 671443.2 | 4861664.9 | | 0.07 | 12.81 | 29.54 | | 0.56 | 0.77 | | 0.07 | 1.81E-03 | 1.81E-03 | 6.11E-03 | 1.84E-03 | 3.62E-03 | 7.25E-03 | 1.81E-03 | 4.76E-03 | | 5.10E-04 | 6.54E-04 | 1.43E-04 | 5.28E-05 | 1.35E-04 | | | | | |
| 189 | Secondary School K | 673235.3 | 4860885.0 | | 0.09 | 16.09 | 37.09 | | 0.61 | 0.97 | | 0.08 | 1.96E-03 | 1.96E-03 | 6.62E-03 | 1.99E-03 | 3.92E-03 | 7.85E-03 | 1.96E-03 | 5.15E-03 | | 5.52E-04 | 7.08E-04 | 1.55E-04 | 5.71E-05 | 1.46E-04 | | | | | |
| 190 | Secondary School L | 684252.7 | 4866500.5 | | 0.16 | 27.33 | 62.99 | | 1.09 | 1.64 | | 0.14 | 3.55E-03 | 3.55E-03 | 0.01 | 3.61E-03 | 7.10E-03 | 0.01 | 3.55E-03 | 9.32E-03 | | 9.99E-04 | 1.28E-03 | 2.80E-04 | 1.03E-04 | 2.64E-04 | | | | | |
| 191 | Secondary School M | 673914.1 | 4859551.7 | | 0.03 | 5.30 | 12.21 | | 0.78 | 0.32 | | 0.10 | 2.51E-03 | 2.51E-03 | 8.49E-03 | 2.56E-03 | 5.03E-03 | 0.01 | 2.51E-03 | 6.61E-03 | | 7.08E-04 | 9.08E-04 | 1.99E-04 | 7.32E-05 | 1.87E-04 | | | | | |
| 192 | Secondary School N | 675051.5 | 4864177.2 | | 0.11 | 18.98 | 43.76 | | 0.68 | 1.14 | | 0.09 | 2.18E-03 | 2.18E-03 | 7.35E-03 | 2.21E-03 | 4.36E-03 | 8.72E-03 | 2.18E-03 | 5.72E-03 | | 6.13E-04 | 7.87E-04 | 1.72E-04 | 6.35E-05 | 1.62E-04 | | | | | |
| 193 | Adult School | 685276.1 | 4866019.8 | | 0.20 | 34.96 | 80.60 | | 1.00 | 2.10 | | 0.13 | 3.23E-03 | 3.23E-03 | 0.01 | 3.29E-03 | 6.47E-03 | 0.01 | 3.23E-03 | 8.49E-03 | | 9.11E-04 | 1.17E-03 | 2.56E-04 | 9.42E-05 | 2.41E-04 | | | | | |
| 194 | Bow. Valley Cons. 1 | 685356.6 | 4864521.2 | | 0.21 | 35.72 | 82.35 | | 1.18 | 2.15 | | 0.15 | 3.76E-03 | 3.76E-03 | 0.01 | 3.82E-03 | 7.52E-03 | 0.02 | 3.76E-03 | 9.88E-03 | | 1.06E-03 | 1.36E-03 | 2.97E-04 | 1.10E-04 | 2.80E-04 | | | | | |
| 195 | Bow. Valley Cons. 2 | 685627.7 | 4864167.8 | | 0.23 | 39.15 | 90.24 | | 1.12 | 2.35 | | 0.14 | 3.58E-03 | 3.58E-03 | 0.01 | 3.64E-03 | 7.17E-03 | 0.01 | 3.58E-03 | 9.41E-03 | | 1.01E-03 | 1.29E-03 | 2.83E-04 | 1.04E-04 | 2.66E-04 | | | | | |
| 196 | Bow. Valley Cons. 4 | 685852.7 | 4863640.2 | | 0.26 | 44.93 | 103.57 | | 1.18 | 2.70 | | 0.14 | 3.64E-03 | 3.64E-03 | 0.01 | 3.70E-03 | 7.28E-03 | 0.01 | 3.64E-03 | 9.56E-03 | | 1.03E-03 | 1.32E-03 | 2.88E-04 | 1.06E-04 | 2.71E-04 | | | | | |
| 197 | Bow. Valley Cons. 5 | 686163.1 | 4863621.5 | | 0.25 | 42.33 | 97.59 | | 1.15 | 2.55 | | 0.14 | 3.56E-03 | 3.56E-03 | 0.01 | 3.62E-03 | 7.12E-03 | 0.01 | 3.56E-03 | 9.35E-03 | | 1.00E-03 | 1.29E-03 | 2.81E-04 | 1.04E-04 | 2.65E-04 | | | | | |
| 198 | Bow. Valley Cons. 6 | 685931.9 | 4863380.6 | | 0.26 | 44.16 | 101.79 | | 1.20 | 2.66 | | 0.15 | 3.72E-03 | 3.72E-03 | 0.01 | 3.78E-03 | 7.45E-03 | 0.01 | 3.72E-03 | 9.78E-03 | | 1.05E-03 | 1.34E-03 | 2.94E-04 | 1.08E-04 | 2.77E-04 | | | | | |
| 199 | Maple Grove 1 | 681688.5 | 4864717.0 | | 0.04 | 7.50 | 17.30 | | 1.08 | 0.45 | | 0.14 | 3.41E-03 | 3.41E-03 | 0.01 | 3.47E-03 | 6.82E-03 | 0.01 | 3.41E-03 | 8.96E-03 | | 9.61E-04 | 1.23E-03 | 2.70E-04 | 9.94E-05 | 2.54E-04 | | | | | |
| 200 | Maple Grove 2 | 681768.9 | 4864631.8 | | 0.03 | 5.97 | 13.76 | | 1.13 | 0.36 | | 0.14 | 3.56E-03 | 3.56E-03 | 0.01 | 3.62E-03 | 7.13E-03 | 0.01 | 3.56E-03 | 9.36E-03 | | 1.00E-03 | 1.29E-03 | 2.82E-04 | 1.04E-04 | 2.65E-04 | | | | | |
| 201 | Maple Grove 3 | 681894.9 | 4864506.8 | | 0.03 | 4.62 | 10.65 | | 1.17 | 0.28 | | 0.15 | 3.74E-03 | 3.74E-03 | 0.01 | 3.80E-03 | 7.48E-03 | 0.01 | 3.74E-03 | 9.83E-03 | | 1.05E-03 | 1.35E-03 | 2.96E-04 | 1.09E-04 | 2.78E-04 | | | | | |
| 202 | Maple Grove 4 | 681974.8 | 4864443.2 | | 0.02 | 4.24 | 9.78 | | 1.26 | 0.26 | | 0.16 | 4.00E-03 | 4.00E-03 | 0.01 | 4.07E-03 | 8.01E-03 | 0.02 | 4.00E-03 | 0.01 | | 1.13E-03 | 1.45E-03 | 3.16E-04 | 1.17E-04 | 2.98E-04 | | | | | |
| 203 | Maple Grove 5 | 681942.2 | 4864676.7 | | 0.04 | 7.07 | 16.31 | | 1.11 | 0.43 | | 0.14 | 3.52E-03 | 3.52E-03 | 0.01 | 3.58E-03 | 7.05E-03 | 0.01 | 3.52E-03 | 9.26E-03 | | 9.92E-04 | 1.27E-03 | 2.78E-04 | 1.03E-04 | 2.62E-04 | | | | | |
| 204 | Maple Grove 6 | 682053.2 | 4864586.2 | | 0.03 | 5.47 | 12.61 | | 1.22 | 0.33 | | 0.15 | 3.88E-03 | 3.88E-03 | 0.01 | 3.94E-03 | 7.76E-03 | 0.02 | 3.88E-03 | 0.01 | | 1.09E-03 | 1.40E-03 | 3.07E-04 | 1.13E-04 | 2.88E-04 | | | | | |
| 205 | Maple Grove 7 | 682168.5 | 4864631.3 | | 0.04 | 6.24 | 14.39 | | 1.27 | 0.38 | | 0.16 | 4.04E-03 | 4.04E-03 | 0.01 | 4.10E-03 | 8.07E-03 | 0.02 | 4.04E-03 | 0.01 | | 1.14E-03 | 1.46E-03 | 3.19E-04 | 1.18E-04 | 3.00E-04 | | | | | |
| 206 | Maple Grove 8 | 682261.7 | 4864520.9 | | 0.03 | 5.39 | 12.43 | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Vanadium | Zinc | Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb) | Mercury | Vapour | Particulate | Chlorinated Monocyclic Aromatics | 1,2-Dichlorobenzene | 1,2,4,5-Tetrachlorobenzene | 1,2,4-Trichlorobenzene | 2,3,4,6-Tetrachlorophenol | 2,4,6-Trichlorophenol | 2,4-Dichlorophenol | Pentachlorophenol | Hexachlorobenzene | Pentachlorobenzene | Polycyclic Organic Matter | Acenaphthylene | Acenaphthene | Anthracene | Benzo(a)anthracene | Benzo(b)fluoranthene | | | | | | |
|----------|----------------|----------|-----------|-------------|------------------------|-------|--|---------|----------|-------------|----------------------------------|---------------------|----------------------------|------------------------|---------------------------|-----------------------|--------------------|-------------------|-------------------|--------------------|---------------------------|----------------|--------------|------------|--------------------|----------------------|----------|----------|----------|---|---|---|
| | | | | | Vapour (V)/Particulate | P | P | | P | V | | P | V | V | V | V | V | V | V | V | | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | | 4.80E-05 | 8.24E-03 | | 0.02 | 1.24E-04 | 4.96E-04 | 8.45E-05 | 2.13E-06 | 2.13E-06 | 7.18E-06 | 2.16E-06 | 4.25E-06 | | 8.52E-06 | 2.13E-06 | 5.59E-06 | 5.99E-07 | 7.68E-07 | 1.68E-07 | 6.20E-08 | 1.58E-07 | | | |
| 221 | Campground 2 | 678410.2 | 4860148.6 | | 0.09 | 15.30 | 35.27 | | 2.23 | 0.92 | | 0.27 | 6.78E-03 | 6.78E-03 | 0.02 | 6.89E-03 | 0.01 | 0.03 | 6.78E-03 | 0.02 | | 1.91E-03 | 2.45E-03 | 5.36E-04 | 1.97E-04 | 5.04E-04 | | | | | | |
| 222 | Campground 3 | 678651.0 | 4860054.4 | | 0.16 | 27.87 | 64.26 | | 2.05 | 1.68 | | 0.25 | 6.23E-03 | 6.23E-03 | 0.02 | 6.33E-03 | 0.01 | 0.02 | 6.23E-03 | 0.02 | | 1.75E-03 | 2.25E-03 | 4.93E-04 | 1.82E-04 | 4.64E-04 | | | | | | |
| 223 | Campground 4 | 678725.9 | 4859860.7 | | 0.26 | 45.05 | 103.86 | | 1.92 | 2.71 | | 0.23 | 5.84E-03 | 5.84E-03 | 0.02 | 5.93E-03 | 0.01 | 0.02 | 5.84E-03 | 0.02 | | 1.64E-03 | 2.11E-03 | 4.61E-04 | 1.70E-04 | 4.34E-04 | | | | | | |
| 224 | Campground 5 | 678511.1 | 4859808.6 | | 0.24 | 41.34 | 95.29 | | 1.69 | 2.49 | | 0.21 | 5.18E-03 | 5.18E-03 | 0.02 | 5.26E-03 | 0.01 | 0.02 | 5.18E-03 | 0.01 | | 1.46E-03 | 1.87E-03 | 4.09E-04 | 1.51E-04 | 3.85E-04 | | | | | | |
| 225 | Campground 6 | 678869.5 | 4859696.0 | | 0.13 | 22.68 | 52.28 | | 1.68 | 1.36 | | 0.20 | 5.11E-03 | 5.11E-03 | 0.02 | 5.20E-03 | 0.01 | 0.02 | 5.11E-03 | 0.01 | | 1.44E-03 | 1.85E-03 | 4.04E-04 | 1.49E-04 | 3.80E-04 | | | | | | |
| 226 | Campground 7 | 678723.9 | 4860201.8 | | 0.07 | 12.47 | 28.76 | | 2.63 | 0.75 | | 0.32 | 7.96E-03 | 7.96E-03 | 0.03 | 8.09E-03 | 0.02 | 0.03 | 7.96E-03 | 0.02 | | 2.24E-03 | 2.88E-03 | 6.29E-04 | 2.32E-04 | 5.92E-04 | | | | | | |
| 227 | Campground 8 | 678796.0 | 4860011.4 | | 0.16 | 27.32 | 62.98 | | 2.03 | 1.64 | | 0.24 | 6.15E-03 | 6.15E-03 | 0.02 | 6.25E-03 | 0.01 | 0.02 | 6.15E-03 | 0.02 | | 1.73E-03 | 2.22E-03 | 4.86E-04 | 1.79E-04 | 4.57E-04 | | | | | | |
| 228 | Campground 9 | 678852.7 | 4859854.2 | | 0.20 | 33.80 | 77.91 | | 1.97 | 2.03 | | 0.24 | 5.98E-03 | 5.98E-03 | 0.02 | 6.08E-03 | 0.01 | 0.02 | 5.98E-03 | 0.02 | | 1.68E-03 | 2.16E-03 | 4.73E-04 | 1.74E-04 | 4.45E-04 | | | | | | |
| 229 | Solina 1 | 681099.6 | 4861677.2 | | 0.03 | 5.78 | 13.33 | | 3.12 | 0.35 | | 0.38 | 9.45E-03 | 9.45E-03 | 0.03 | 9.60E-03 | 0.02 | 0.04 | 9.45E-03 | 0.02 | | 2.66E-03 | 3.41E-03 | 7.46E-04 | 2.75E-04 | 7.02E-04 | | | | | | |
| 230 | Solina 2 | 681115.7 | 4861857.7 | | 0.04 | 6.48 | 14.94 | | 3.05 | 0.39 | | 0.37 | 9.24E-03 | 9.24E-03 | 0.03 | 9.38E-03 | 0.02 | 0.04 | 9.24E-03 | 0.02 | | 2.60E-03 | 3.34E-03 | 7.30E-04 | 2.69E-04 | 6.87E-04 | | | | | | |
| 231 | Solina 3 | 680987.4 | 4861983.5 | | 0.03 | 4.43 | 10.22 | | 2.48 | 0.27 | | 0.30 | 7.56E-03 | 7.56E-03 | 0.03 | 7.69E-03 | 0.02 | 0.03 | 7.56E-03 | 0.02 | | 2.13E-03 | 2.73E-03 | 5.98E-04 | 2.20E-04 | 5.63E-04 | | | | | | |
| 232 | Solina 4 | 680965.0 | 4862068.1 | | 0.02 | 4.27 | 9.85 | | 2.36 | 0.26 | | 0.29 | 7.21E-03 | 7.21E-03 | 0.02 | 7.33E-03 | 0.01 | 0.03 | 7.21E-03 | 0.02 | | 2.03E-03 | 2.61E-03 | 5.70E-04 | 2.10E-04 | 5.36E-04 | | | | | | |
| 233 | Solina 5 | 681021.5 | 4862086.7 | | 0.03 | 4.92 | 11.35 | | 2.43 | 0.30 | | 0.29 | 7.42E-03 | 7.42E-03 | 0.03 | 7.54E-03 | 0.01 | 0.03 | 7.42E-03 | 0.02 | | 2.09E-03 | 2.68E-03 | 5.86E-04 | 2.16E-04 | 5.52E-04 | | | | | | |
| 234 | Solina 6 | 680939.8 | 4862124.3 | | 0.02 | 4.18 | 9.64 | | 2.29 | 0.25 | | 0.28 | 6.99E-03 | 6.99E-03 | 0.02 | 7.10E-03 | 0.01 | 0.03 | 6.99E-03 | 0.02 | | 1.97E-03 | 2.52E-03 | 5.52E-04 | 2.04E-04 | 5.20E-04 | | | | | | |
| 235 | Solina 7 | 680988.2 | 4862183.6 | | 0.03 | 5.09 | 11.74 | | 2.30 | 0.31 | | 0.28 | 7.05E-03 | 7.05E-03 | 0.02 | 7.16E-03 | 0.01 | 0.03 | 7.05E-03 | 0.02 | | 1.98E-03 | 2.55E-03 | 5.57E-04 | 2.05E-04 | 5.24E-04 | | | | | | |
| 236 | Solina 8 | 680984.6 | 4862209.8 | | 0.03 | 5.45 | 12.56 | | 2.28 | 0.33 | | 0.28 | 6.97E-03 | 6.97E-03 | 0.02 | 7.08E-03 | 0.01 | 0.03 | 6.97E-03 | 0.02 | | 1.96E-03 | 2.52E-03 | 5.51E-04 | 2.03E-04 | 5.18E-04 | | | | | | |
| 237 | Solina 9 | 680958.6 | 4862294.9 | | 0.04 | 6.90 | 15.91 | | 2.20 | 0.41 | | 0.27 | 6.74E-03 | 6.74E-03 | 0.02 | 6.85E-03 | 0.01 | 0.03 | 6.74E-03 | 0.02 | | 1.90E-03 | 2.44E-03 | 5.33E-04 | 1.96E-04 | 5.02E-04 | | | | | | |
| 238 | Solina 10 | 680858.0 | 4862324.3 | | 0.03 | 4.80 | 11.07 | | 2.12 | 0.29 | | 0.26 | 6.51E-03 | 6.51E-03 | 0.02 | 6.61E-03 | 0.01 | 0.03 | 6.51E-03 | 0.02 | | 1.83E-03 | 2.35E-03 | 5.14E-04 | 1.89E-04 | 4.84E-04 | | | | | | |
| 239 | Solina 11 | 680990.3 | 4862403.5 | | 0.09 | 14.73 | 33.96 | | 2.16 | 0.89 | | 0.26 | 6.64E-03 | 6.64E-03 | 0.02 | 6.75E-03 | 0.01 | 0.03 | 6.64E-03 | 0.02 | | 1.87E-03 | 2.40E-03 | 5.25E-04 | 1.93E-04 | 4.94E-04 | | | | | | |
| 240 | Recreational 1 | 681545.0 | 4860865.0 | | 0.03 | 5.71 | 13.16 | | 2.41 | 0.34 | | 0.29 | 7.33E-03 | 7.33E-03 | 0.02 | 7.45E-03 | 0.01 | 0.03 | 7.33E-03 | 0.02 | | 2.06E-03 | 2.65E-03 | 5.80E-04 | 2.14E-04 | 5.45E-04 | | | | | | |
| 241 | Recreational 2 | 681563.7 | 4860687.4 | | 0.02 | 3.20 | 7.37 | | 2.45 | 0.19 | | 0.30 | 7.46E-03 | 7.46E-03 | 0.03 | 7.58E-03 | 0.01 | 0.03 | 7.46E-03 | 0.02 | | 2.10E-03 | 2.69E-03 | 5.90E-04 | 2.17E-04 | 5.55E-04 | | | | | | |
| 242 | Recreational 3 | 681579.7 | 4860610.0 | | 0.02 | 3.82 | 8.80 | | 2.58 | 0.23 | | 0.31 | 7.85E-03 | 7.85E-03 | 0.03 | 7.97E-03 | 0.02 | 0.03 | 7.85E-03 | 0.02 | | 2.21E-03 | 2.83E-03 | 6.20E-04 | 2.29E-04 | 5.84E-04 | | | | | | |
| 243 | Recreational 6 | 681876.6 | 4860254.4 | | 0.03 | 5.20 | 11.99 | | 2.80 | 0.31 | | 0.34 | 8.44E-03 | 8.44E-03 | 0.03 | 8.57E-03 | 0.02 | 0.03 | 8.44E-03 | 0.02 | | 2.38E-03 | 3.05E-03 | 6.67E-04 | 2.46E-04 | 6.27E-04 | | | | | | |
| 244 | Recreational 7 | 682166.9 | 4860324.4 | | 0.02 | 4.02 | 9.27 | | 2.94 | 0.24 | | 0.35 | 8.87E-03 | 8.87E-03 | 0.03 | 9.01E-03 | 0.02 | 0.04 | 8.87E-03 | 0.02 | | 2.50E-03 | 3.20E-03 | 7.01E-04 | 2.58E-04 | 6.59E-04 | | | | | | |
| 245 | Darlington 1 | 679565.4 | 4861052.9 | | 0.02 | 3.68 | 8.49 | | 2.69 | 0.22 | | 0.32 | 8.17E-03 | 8.17E-03 | 0.03 | 8.30E-03 | 0.02 | 0.03 | 8.17E-03 | 0.02 | | 2.30E-03 | 2.95E-03 | 6.45E-04 | 2.38E-04 | 6.07E-04 | | | | | | |
| 246 | Darlington 2 | 679452.9 | 4861051.4 | | 0.03 | 4.37 | 10.08 | | 2.69 | 0.26 | | 0.32 | 8.17E-03 | 8.17E-03 | 0.03 | 8.30E-03 | 0.02 | 0.03 | 8.17E-03 | 0.02 | | 2.30E-03 | 2.95E-03 | 6.46E-04 | 2.38E-04 | 6.08E-04 | | | | | | |
| 247 | Darlington 3 | 679130.5 | 4860948.8 | | 0.08 | 13.85 | 31.92 | | 3.15 | 0.83 | | 0.38 | 9.48E-03 | 9.48E-03 | 0.03 | 9.63E-03 | 0.02 | 0.04 | 9.48E-03 | 0.02 | | 2.67E-03 | 3.42E-03 | 7.49E-04 | 2.76E-04 | 7.05E-04 | | | | | | |
| 248 | Darlington 4 | 679112.6 | 4860941.9 | | 0.08 | 14.44 | 33.28 | | 3.17 | 0.87 | | 0.38 | 9.53E-03 | 9.53E-03 | 0.03 | 9.69E-03 | 0.02 | 0.04 | 9.53E-03 | 0.03 | | 2.68E-03 | 3.44E-03 | 7.53E-04 | 2.78E-04 | 7.09E-04 | | | | | | |
| 249 | Darlington 5 | 679057.6 | 4860994.1 | | 0.13 | 21.92 | 50.52 | | 3.16 | 1.32 | | 0.38 | 9.51E-03 | 9.51E-03 | 0.03 | 9.66E-03 | 0.02 | 0.04 | 9.51E-03 | 0.02 | | 2.68E-03 | 3.43E-03 | 7.51E-04 | 2.77E-04 | 7.07E-04 | | | | | | |
| 250 | Darlington 6 | 679075.2 | 4860931.6 | | 0.09 | 15.87 | 36.58 | | 3.18 | 0.95 | | 0.38 | 9.58E-03 | 9.58E-03 | 0.03 | 9.74E-03 | 0.02 | 0.04 | 9.58E-03 | 0.03 | | 2.70E-03 | 3.46E-03 | 7.57E-04 | 2.79E-04 | 7.13E-04 | | | | | | |
| 251 | Darlington 7 | 678814.3 | 4860843.1 | | 0.19 | 33.03 | 76.14 | | 3.64 | 1.99 | | 0.44 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.04 | 0.01 | 0.03 | | 3.09E-03 | 3.96E-03 | 8.66E-04 | 3.19E-04 | 8.15E-04 | | | | | | |
| 252 | Darlington 8 | 678840.4 | 4860777.1 | | 0.15 | 25.47 | 58.72 | | 3.73 | 1.53 | | 0.45 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.04 | 0.01 | 0.03 | | 3.16E-03 | 4.06E-03 | 8.88E-04 | 3.27E-04 | 8.35E-04 | | | | | | |
| 253 | Light Ind. 1 | 680000.1 | 4861034.1 | | 0.02 | 2.67 | 6.15 | | 2.28 | 0.16 | | 0.27 | 6.92E-03 | 6.92E-03 | 0.02 | 7.03E-03 | 0.01 | 0.03 | 6.92E-03 | 0.02 | | 1.95E-03 | 2.50E-03 | 5.47E-04 | 2.02E-04 | 5.15E-04 | | | | | | |
| 254 | Light Ind. 2 | 680060.7 | 4861056.4 | | 0.01 | 2.34 | 5.39 | | 2.23 | 0.14 | | 0.27 | 6.77E-03 | 6.77E-03 | 0.02 | 6.88E-03 | 0.01 | 0.03 | 6.77E-03 | 0.02 | | 1.91E-03 | 2.45E-03 | 5.35E-04 | 1.97E-04 | 5.04E-04 | | | | | | |
| 255 | Light Ind. 3 | 680291.2 | 4861151.6 | | 0.01 | 2.05 | 4.72 | | 2.10 | 0.12 | | 0.25 | 6.38E-03 | 6.38E-03 | 0.02 | 6.48E-03 | 0.01 | 0.03 | 6.38E-03 | 0.02 | | 1.80E-03 | 2.30E-03 | 5.04E-04 | 1.86E-04 | 4.74E-04 | | | | | | |
| 256 | Light Ind. 4 | 680536.3 | 4861204.6 | | 0.02 | 3.63 | 8.37 | | 2.10 | 0.22 | | 0.25 | 6.39E-03 | 6.39E-03 | 0.02 | 6.50E-03 | 0.01 | 0.03 | 6.39E-03 | 0.02 | | 1.80E-03 | 2.31E-03 | 5.05E-04 | 1.86E-04 | 4.76E-04 | | | | | | |
| 257 | Light Ind. 5 | 680350.4 | 4861290.6 | | 0.02 | 3.01 | 6.93 | | 2.43 | 0.18 | | 0.29 | 7.36E-03 | 7.36E-03 | 0.02 | 7.48E-03 | 0.01 | 0.03 | 7.36E-03 | 0.02 | | 2.07E-03 | 2.66E-03 | 5.82E-04 | 2.15E-04 | 5.48E-04 | | | | | | |
| 258 | Light Ind. 6 | 680306.9 | 4861275.6 | | 0.02 | 2.82 | 6.50 | | 2.42 | 0.17 | | 0.29 | 7.32E-03 | 7.32E-03 | 0.02 | 7.44E-03 | 0.01 | 0.03 | 7.32E-03 | 0.02 | | 2.06E-03 | 2.64E-03 | 5.78E-04 | 2.13E-04 | 5.44E-04 | | | | | | |
| 259 | Light Ind. 7 | 680267.2 | 4861262.4 | | 0.01 | 2.49 | 5.75 | | 2.32 | 0.15 | | 0.28 | 7.02E-03 | 7.02E-03 | 0.02 | 7.13E-03 | 0.01 | 0.03 | 7.02E-03 | 0.02 | | 1.98E-03 | 2.53E-03 | 5.55E-04 | 2.04E-04 | 5.22E-04 | | | | | | |
| 260 | Light Ind. 8 | 680233.6 | 4861250.7 | | 0.01 | 2.18 | 5.02 | | 2.18 | 0.13 | | 0.26 | 6.61E-03 | 6.61E-03 | 0.02 | 6.72E-03 | 0.01 | 0.03 | 6.61E-03 | 0.02 | | 1.86E-03 | 2.39E-03 | 5.22E-04 | 1.92E-04 | 4.91E-04 | | | | | | |
| 261 | Light Ind. 9 | 680175.3 | 4861227.5 | | 0.01 | 1.90 | 4.37 | | 2.13 | 0.11 | | 0.26 | 6.47E-03 | 6.47E-03 | 0.02 | 6.58E-03 | 0.01 | 0.03 | 6.47E-03 | 0.02 | | 1.82E-03 | 2.34E-03 | 5.11E-04 | 1.88E-04 | 4.81E-04 | | | | | | |
| 262 | Light Ind. 10 | 680092.5 | 4861185.1 | | 0.01 | 1.94 | 4.47 | | 2.21 | 0.12 | | 0.27 | 6.71E-03 | 6.71E-03 | 0.02 | 6.82E-03 | 0.01 | 0.03 | 6.71E-03 | 0.02 | | 1.89E-03 | 2.42E-03 | 5.31E-04 | 1.96E-04 | 4.99E-04 | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Vanadium | Zinc | Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb) | Mercury | Vapour | Particulate | Chlorinate d Monocycli c Aromatics | 1,2-Dichlorobe nzene | 1,2,4,5-Tetrachlor obenzene | 1,2,4 – Trichlorob enzene | 2,3,4,6-Tetrachlor ophenol | 2,4,6-Trichlorop henol | 2,4-Dichloroph enol | Pentachlor ophenol | Hexachlor obenzene | Pentachlor obenzene | Polycyclic Organic Matter | Acenaphth ylene | Acenaphth ene | Anthracene | Benzo(a)anthracene | Benzo(b)fl uoranthene | | | | | | | | | | | | | | | | | | | |
|----------|----------------------------|----------|-----------|-------------|----------|-------|--|---------|--------|-------------|------------------------------------|----------------------|-----------------------------|---------------------------|----------------------------|------------------------|---------------------|--------------------|--------------------|---------------------|---------------------------|-----------------|---------------|------------|--------------------|-----------------------|-----------------------|----------|--|----------|----------|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | Vapour (V)/Particulat | P | P | P | V | P | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 4.80E-05 | 8.24E-03 | 0.02 | 1.24E-04 | 4.96E-04 | 8.45E-05 | 2.13E-06 | 2.13E-06 | 7.18E-06 | 2.16E-06 | 4.25E-06 | 8.52E-06 | 2.13E-06 | 5.59E-06 | 5.99E-07 | 7.68E-07 |
| 276 | Farm E | 679277.0 | 4859981.5 | | 8.54E-03 | 1.47 | 3.38 | | 1.78 | 0.09 | | 0.21 | 5.40E-03 | 5.40E-03 | 0.02 | 5.49E-03 | 0.01 | 0.02 | 5.40E-03 | 0.01 | | | | | | 1.52E-03 | 1.95E-03 | 4.27E-04 | 1.57E-04 | 4.02E-04 | | | | | | | | | | | | | | | |
| 277 | Residence | 679387.2 | 4860648.9 | | 0.04 | 6.48 | 14.94 | | 3.48 | 0.39 | | 0.41 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.04 | 0.01 | 0.03 | | | | | | 2.94E-03 | 3.77E-03 | 8.24E-04 | 3.04E-04 | 7.76E-04 | | | | | | | | | | | | | | | |
| 278 | Farm F | 679261.9 | 4860574.2 | | 0.04 | 7.32 | 16.88 | | 3.72 | 0.44 | | 0.44 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.04 | 0.01 | 0.03 | | | | | 3.15E-03 | 4.04E-03 | 8.83E-04 | 3.25E-04 | 8.31E-04 | | | | | | | | | | | | | | | | |
| 279 | Residence | 680150.7 | 4861295.7 | | 0.01 | 1.93 | 4.46 | | 2.12 | 0.12 | | 0.26 | 6.44E-03 | 6.44E-03 | 0.02 | 6.54E-03 | 0.01 | 0.03 | 6.44E-03 | 0.02 | | | | | 1.81E-03 | 2.33E-03 | 5.09E-04 | 1.88E-04 | 4.79E-04 | | | | | | | | | | | | | | | | |
| 280 | Residence | 679939.8 | 4861213.4 | | 0.01 | 2.33 | 5.36 | | 2.33 | 0.14 | | 0.28 | 7.08E-03 | 7.08E-03 | 0.02 | 7.19E-03 | 0.01 | 0.03 | 7.08E-03 | 0.02 | | | | | 1.99E-03 | 2.56E-03 | 5.60E-04 | 2.06E-04 | 5.27E-04 | | | | | | | | | | | | | | | | |
| 281 | Farm G | 680855.7 | 4861456.9 | | 0.02 | 4.12 | 9.49 | | 2.57 | 0.25 | | 0.31 | 7.79E-03 | 7.79E-03 | 0.03 | 7.92E-03 | 0.02 | 0.03 | 7.79E-03 | 0.02 | | | | | 2.19E-03 | 2.82E-03 | 6.16E-04 | 2.27E-04 | 5.80E-04 | | | | | | | | | | | | | | | | |
| 282 | Farm H | 681386.2 | 4861673.3 | | 0.04 | 6.94 | 16.01 | | 3.88 | 0.42 | | 0.46 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.05 | 0.01 | 0.03 | | | | | 3.29E-03 | 4.23E-03 | 9.25E-04 | 3.41E-04 | 8.70E-04 | | | | | | | | | | | | | | | | |
| 283 | Residence | 680683.5 | 4861597.9 | | 0.03 | 5.08 | 11.71 | | 2.28 | 0.31 | | 0.28 | 6.93E-03 | 6.93E-03 | 0.02 | 7.05E-03 | 0.01 | 0.03 | 6.93E-03 | 0.02 | | | | | 1.95E-03 | 2.50E-03 | 5.48E-04 | 2.02E-04 | 5.16E-04 | | | | | | | | | | | | | | | | |
| 284 | Business | 680064.3 | 4861343.7 | | 0.01 | 1.82 | 4.20 | | 2.16 | 0.11 | | 0.26 | 6.57E-03 | 6.57E-03 | 0.02 | 6.68E-03 | 0.01 | 0.03 | 6.57E-03 | 0.02 | | | | | 1.85E-03 | 2.37E-03 | 5.19E-04 | 1.91E-04 | 4.89E-04 | | | | | | | | | | | | | | | | |
| 285 | Farm I | 679680.1 | 4861213.5 | | 0.02 | 3.10 | 7.15 | | 2.60 | 0.19 | | 0.31 | 7.90E-03 | 7.90E-03 | 0.03 | 8.03E-03 | 0.02 | 0.03 | 7.90E-03 | 0.02 | | | | | 2.22E-03 | 2.85E-03 | 6.24E-04 | 2.30E-04 | 5.88E-04 | | | | | | | | | | | | | | | | |
| 286 | Farm J | 681344.8 | 4861792.9 | | 0.05 | 9.13 | 21.05 | | 3.70 | 0.55 | | 0.44 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.04 | 0.01 | 0.03 | | | | | 3.14E-03 | 4.03E-03 | 8.82E-04 | 3.25E-04 | 8.30E-04 | | | | | | | | | | | | | | | | |
| 287 | Youth Centre | 685644.2 | 4864814.8 | | 0.20 | 33.91 | 78.18 | | 1.19 | 2.04 | | 0.15 | 3.80E-03 | 3.80E-03 | 0.01 | 3.86E-03 | 7.60E-03 | 0.02 | 3.80E-03 | 9.98E-03 | | | | | 1.07E-03 | 1.37E-03 | 3.00E-04 | 1.11E-04 | 2.83E-04 | | | | | | | | | | | | | | | | |
| 288 | Bowmanville Arena | 685462.9 | 4864615.2 | | 0.21 | 35.30 | 81.38 | | 1.21 | 2.12 | | 0.15 | 3.85E-03 | 3.85E-03 | 0.01 | 3.91E-03 | 7.70E-03 | 0.02 | 3.85E-03 | 0.01 | | | | | 1.08E-03 | 1.39E-03 | 3.04E-04 | 1.12E-04 | 2.86E-04 | | | | | | | | | | | | | | | | |
| 289 | Bowmanville Rec Complex | 684160.3 | 4864604.5 | | 0.18 | 31.06 | 71.61 | | 1.35 | 1.87 | | 0.17 | 4.28E-03 | 4.28E-03 | 0.01 | 4.35E-03 | 8.57E-03 | 0.02 | 4.28E-03 | 0.01 | | | | | 1.21E-03 | 1.55E-03 | 3.38E-04 | 1.25E-04 | 3.19E-04 | | | | | | | | | | | | | | | | |
| 290 | Recreation Complex | 684586.6 | 4862406.3 | | 0.03 | 5.26 | 12.12 | | 1.56 | 0.32 | | 0.19 | 4.81E-03 | 4.81E-03 | 0.02 | 4.88E-03 | 9.62E-03 | 0.02 | 4.81E-03 | 0.01 | | | | | 1.35E-03 | 1.74E-03 | 3.80E-04 | 1.40E-04 | 3.58E-04 | | | | | | | | | | | | | | | | |
| 291 | Superdog Central | 681487.7 | 4865723.3 | | 0.08 | 13.07 | 30.14 | | 0.82 | 0.79 | | 0.11 | 2.69E-03 | 2.69E-03 | 9.08E-03 | 2.73E-03 | 5.38E-03 | 0.01 | 2.69E-03 | 7.06E-03 | | | | | 7.57E-04 | 9.71E-04 | 2.12E-04 | 7.83E-05 | 2.00E-04 | | | | | | | | | | | | | | | | |
| 292 | Equestrian Centre | 681567.1 | 4863670.7 | | 0.02 | 3.09 | 7.12 | | 1.51 | 0.19 | | 0.19 | 4.72E-03 | 4.72E-03 | 0.02 | 4.80E-03 | 9.44E-03 | 0.02 | 4.72E-03 | 0.01 | | | | | 1.33E-03 | 1.71E-03 | 3.73E-04 | 1.38E-04 | 3.51E-04 | | | | | | | | | | | | | | | | |
| 293 | Flea Market | 678574.6 | 4862819.4 | | 0.01 | 2.46 | 5.67 | | 1.10 | 0.15 | | 0.14 | 3.47E-03 | 3.47E-03 | 0.01 | 3.53E-03 | 6.94E-03 | 0.01 | 3.47E-03 | 9.12E-03 | | | | | 9.77E-04 | 1.25E-03 | 2.74E-04 | 1.01E-04 | 2.58E-04 | | | | | | | | | | | | | | | | |
| 294 | Equestrian Centre | 680030.8 | 4867320.2 | | 0.03 | 4.69 | 10.82 | | 0.55 | 0.28 | | 0.07 | 1.89E-03 | 1.89E-03 | 6.37E-03 | 1.92E-03 | 3.77E-03 | 7.56E-03 | 1.89E-03 | 4.96E-03 | | | | | 5.31E-04 | 6.82E-04 | 1.49E-04 | 5.50E-05 | 1.40E-04 | | | | | | | | | | | | | | | | |
| 295 | Courtice Community Complex | 678099.3 | 4864629.8 | | 0.08 | 13.04 | 30.05 | | 0.67 | 0.78 | | 0.09 | 2.15E-03 | 2.15E-03 | 7.27E-03 | 2.19E-03 | 4.31E-03 | 8.63E-03 | 2.15E-03 | 5.66E-03 | | | | | 6.07E-04 | 7.78E-04 | 1.70E-04 | 6.28E-05 | 1.60E-04 | | | | | | | | | | | | | | | | |
| 296 | Former Restaurant | 679830.2 | 4860702.2 | | 0.02 | 3.74 | 8.63 | | 2.06 | 0.23 | | 0.25 | 6.27E-03 | 6.27E-03 | 0.02 | 6.37E-03 | 0.01 | 0.03 | 6.27E-03 | 0.02 | | | | | 1.77E-03 | 2.26E-03 | 4.95E-04 | 1.83E-04 | 4.66E-04 | | | | | | | | | | | | | | | | |
| 297 | Commercial | 679364.8 | 4861016.0 | | 0.03 | 5.95 | 13.72 | | 2.79 | 0.36 | | 0.33 | 8.40E-03 | 8.40E-03 | 0.03 | 8.54E-03 | 0.02 | 0.03 | 8.40E-03 | 0.02 | | | | | 2.37E-03 | 3.03E-03 | 6.64E-04 | 2.45E-04 | 6.25E-04 | | | | | | | | | | | | | | | | |
| 298 | GM Oshawa Headquarters | 676418.3 | 4860463.7 | | 0.02 | 3.53 | 8.13 | | 1.48 | 0.21 | | 0.18 | 4.59E-03 | 4.59E-03 | 0.02 | 4.66E-03 | 9.18E-03 | 0.02 | 4.59E-03 | 0.01 | | | | | 1.29E-03 | 1.66E-03 | 3.63E-04 | 1.34E-04 | 3.41E-04 | | | | | | | | | | | | | | | | |
| 299 | Farm K | 682972.3 | 4862201.9 | | 0.02 | 3.49 | 8.04 | | 2.41 | 0.21 | | 0.29 | 7.39E-03 | 7.39E-03 | 0.02 | 7.51E-03 | 0.01 | 0.03 | 7.39E-03 | 0.02 | | | | | 2.08E-03 | 2.67E-03 | 5.84E-04 | 2.15E-04 | 5.50E-04 | | | | | | | | | | | | | | | | |
| 300 | Farm L | 683546.9 | 4861959.7 | | 0.02 | 3.27 | 7.53 | | 2.17 | 0.20 | | 0.26 | 6.59E-03 | 6.59E-03 | 0.02 | 6.70E-03 | 0.01 | 0.03 | 6.59E-03 | 0.02 | | | | | 1.86E-03 | 2.38E-03 | 5.21E-04 | 1.92E-04 | 4.90E-04 | | | | | | | | | | | | | | | | |
| 301 | Farm M | 682547.5 | 4862321.1 | | 0.02 | 3.79 | 8.73 | | 2.88 | 0.23 | | 0.35 | 8.80E-03 | 8.80E-03 | 0.03 | 8.94E-03 | 0.02 | 0.04 | 8.80E-03 | 0.02 | | | | | 2.48E-03 | 3.18E-03 | 6.95E-04 | 2.56E-04 | 6.54E-04 | | | | | | | | | | | | | | | | |
| 302 | Farm N | 683238.3 | 4862393.3 | | 0.02 | 2.72 | 6.26 | | 2.16 | 0.16 | | 0.26 | 6.63E-03 | 6.63E-03 | 0.02 | 6.74E-03 | 0.01 | 0.03 | 6.63E-03 | 0.02 | | | | | 1.87E-03 | 2.40E-03 | 5.24E-04 | 1.93E-04 | 4.93E-04 | | | | | | | | | | | | | | | | |
| 303 | Farm O | 682512.6 | 4862858.0 | | 0.02 | 3.54 | 8.16 | | 2.70 | 0.21 | | 0.33 | 8.30E-03 | 8.30E-03 | 0.03 | 8.43E-03 | 0.02 | 0.03 | 8.30E-03 | 0.02 | | | | | 2.34E-03 | 3.00E-03 | 6.56E-04 | 2.42E-04 | 6.17E-04 | | | | | | | | | | | | | | | | |
| 304 | Farm P | 683129.1 | 4863649.4 | | 0.05 | 8.54 | 19.69 | | 1.97 | 0.51 | | 0.24 | 6.15E-03 | 6.15E-03 | 0.02 | 6.24E-03 | 0.01 | 0.02 | 6.15E-03 | 0.02 | | | | | 1.73E-03 | 2.22E-03 | 4.86E-04 | 1.79E-04 | 4.57E-04 | | | | | | | | | | | | | | | | |
| 305 | Bennett 1 | 688209.3 | 4862512.1 | | 0.03 | 5.42 | 12.49 | | 1.03 | 0.33 | | 0.13 | 3.30E-03 | 3.30E-03 | 0.01 | 3.36E-03 | 6.61E-03 | 0.01 | 3.30E-03 | 8.68E-03 | | | | | 9.30E-04 | 1.19E-03 | 2.61E-04 | 9.62E-05 | 2.46E-04 | | | | | | | | | | | | | | | | |
| 306 | Bennett 2 | 687990.0 | 4863221.3 | | 0.08 | 13.05 | 30.08 | | 0.88 | 0.78 | | 0.11 | 2.86E-03 | 2.86E-03 | 9.65E-03 | 2.91E-03 | 5.72E-03 | 0.01 | 2.86E-03 | 7.51E-03 | | | | | 8.05E-04 | 1.03E-03 | 2.26E-04 | 8.33E-05 | 2.13E-04 | | | | | | | | | | | | | | | | |
| 307 | Bennett 3 | 688818.4 | 4862836.3 | | 0.04 | 7.33 | 16.91 | | 0.86 | 0.44 | | 0.11 | 2.79E-03 | 2.79E-03 | 9.41E-03 | 2.83E-03 | 5.58E-03 | 0.01 | 2.79E-03 | 7.32E-03 | | | | | 7.85E-04 | 1.01E-03 | 2.20E-04 | 8.12E-05 | 2.07E-04 | | | | | | | | | | | | | | | | |
| 308 | Bennett 4 | 689045.1 | 4863365.5 | | 0.05 | 9.34 | 21.54 | | 0.83 | 0.56 | | 0.11 | 2.72E-03 | 2.72E-03 | 9.18E-03 | 2.76E-03 | 5.44E-03 | 0.01 | 2.72E-03 | 7.15E-03 | | | | | 7.66E-04 | 9.82E-04 | 2.15E-04 | 7.92E-05 | 2.02E-04 | | | | | | | | | | | | | | | | |
| 309 | Bennett 5 | 688270.5 | 4863763.1 | | 0.07 | 12.76 | 29.41 | | 0.93 | 0.77 | | 0.12 | 2.92E-03 | 2.92E-03 | 9.86E-03 | 2.97E-03 | 5.85E-03 | 0.01 | 2.92E-03 | 7.68E-03 | | | | | 8.23E-04 | 1.06E-03 | 2.31E-04 | 8.51E-05 | 2.17E-04 | | | | | | | | | | | | | | | | |
| 310 | Bennett 6 | 689908.5 | 4863100.5 | | 0.04 | 6.32 | 14.56 | | 0.76 | 0.38 | | 0.10 | 2.49E-03 | 2.49E-03 | 8.40E-03 | 2.53E-03 | 4.98E-03 | 9.97E-03 | 2.49E-03 | 6.54E-03 | | | | | 7.01E-04 | 8.99E-04 | 1.97E-04 | 7.25E-05 | 1.85E-04 | | | | | | | | | | | | | | | | |
| 311 | Bennett 7 | 688929.9 | 4864392.0 | | 0.03 | 4.50 | 10.38 | | 0.97 | 0.27 | | 0.12 | 3.07E-03 | 3.07E-03 | 0.01 | 3.12E-03 | 6.15E-03 | 0.01 | 3.07E-03 | 8.07E-03 | | | | | 8.65E-04 | 1.11E-03 | 2.43E-04 | 8.95E-05 | 2.29E-04 | | | | | | | | | | | | | | | | |
| 312 | Bennett 8 | 689684.2 | 4863837.7 | | 0.03 | 5.40 | 12.45 | | 0.81 | 0.32 | | 0.10 | 2.58E-03 | 2.58E-03 | 8.70E-03 | 2.62E-03 | 5.15E-03 | 0.01 | 2.58E-03 | 6.77E-03 | | | | | 7.25E-04 | 9.31E-04 | 2.04E-04 | 7.51E-05 | 1.92E-04 | | | | | | | | | | | | | | | | |
| 313 | Soper 1 | 687557.9 | 4862512.4 | | 0.07 | 12.37 | 28.51 | | 1.02 | 0.74 | | 0.13 | 3.29E-03 | 3.29E-03 | 0.01 | 3.34E-03 | 6.57E-03 | 0.01 | 3.29E-03 | 8.63E-03 | | | | | 9.25E-04 | 1.19E-03 | 2.60E-04 | 9.57E-05 | 2.44E-04 | | | | | | | | | | | | | | | | |
| 314 | Soper 2 | 687241.9 | 4863171.7 | | 0.16 | 28.07 | 64.71 | | 0.99 | 1.69 | | 0.12 | 3.10E-03 | 3.10E-03 | 0.01 | 3.15E-03 | 6.20E-03 | 0.01 | 3.10E-03 | 8.15E-03 | | | | | 8.73E-04 | 1.12E-03 | 2.45E-04 | 9.03E-05 | 2.31E-04 | | | | | | | | | | | | | | | | |
| 315 | Soper 3 | 687023.2 | 4863903.8 | | 0.20 | 34.76 | 80.13 | | 1.01 | 2.09 | | 0.13 | 3.16E-03 | 3.16E-03 | 0.01 | 3.21E-03 | 6.32E-03 | 0.01 | 3.16E-03 | 8.30E-03 | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Vanadium | Zinc | Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb) | Mercury | Vapour | Particulate | Chlorinated Monocyclic Aromatics | 1,2-Dichlorobenzene | 1,2,4,5-Tetrachlorobenzene | 1,2,4-Trichlorobenzene | 2,3,4,6-Tetrachlorophenol | 2,4,6-Trichlorophenol | 2,4-Dichlorophenol | Pentachlorophenol | Hexachlorobenzene | Pentachlorobenzene | Polycyclic Organic Matter | Acenaphthylene | Acenaphthene | Anthracene | Benzo(a)anthracene | Benzo(b)fluoranthene | | | | | | |
|----------|------------------|----------|-----------|-------------|------------------------|-------|--|---------|----------|-------------|----------------------------------|---------------------|----------------------------|------------------------|---------------------------|-----------------------|--------------------|-------------------|-------------------|--------------------|---------------------------|----------------|--------------|------------|--------------------|----------------------|----------|----------|----------|---|---|---|
| | | | | | Vapour (V)/Particulate | P | P | | P | V | | P | V | V | V | V | V | V | V | V | | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | | 4.80E-05 | 8.24E-03 | | 0.02 | 1.24E-04 | 4.96E-04 | 8.45E-05 | 2.13E-06 | 2.13E-06 | 7.18E-06 | 2.16E-06 | 4.25E-06 | | 8.52E-06 | 2.13E-06 | 5.59E-06 | 5.99E-07 | 7.68E-07 | 1.68E-07 | 6.20E-08 | 1.58E-07 | | | |
| 331 | Upper Tooley 4 | 678898.8 | 4861800.6 | | 0.02 | 3.52 | 8.12 | | 2.11 | 0.21 | | 0.26 | 6.49E-03 | 6.49E-03 | 0.02 | 6.59E-03 | 0.01 | 0.03 | 6.49E-03 | 0.02 | | 1.83E-03 | 2.34E-03 | 5.13E-04 | 1.89E-04 | 4.83E-04 | | | | | | |
| 332 | Upper Tooley 5 | 680353.5 | 4862156.5 | | 0.10 | 16.45 | 37.92 | | 2.34 | 0.99 | | 0.28 | 7.17E-03 | 7.17E-03 | 0.02 | 7.29E-03 | 0.01 | 0.03 | 7.17E-03 | 0.02 | | 2.02E-03 | 2.59E-03 | 5.67E-04 | 2.09E-04 | 5.33E-04 | | | | | | |
| 333 | Upper Tooley 6 | 679818.1 | 4861625.7 | | 0.02 | 3.29 | 7.59 | | 1.90 | 0.20 | | 0.23 | 5.83E-03 | 5.83E-03 | 0.02 | 5.93E-03 | 0.01 | 0.02 | 5.83E-03 | 0.02 | | 1.64E-03 | 2.11E-03 | 4.61E-04 | 1.70E-04 | 4.34E-04 | | | | | | |
| 334 | Robinson 1 | 678434.8 | 4860943.1 | | 0.30 | 50.69 | 116.85 | | 3.39 | 3.05 | | 0.41 | 0.01 | 0.01 | 0.03 | 0.01 | 0.02 | 0.04 | 0.01 | 0.03 | | 2.88E-03 | 3.69E-03 | 8.09E-04 | 2.98E-04 | 7.61E-04 | | | | | | |
| 335 | Robinson 2 | 677752.6 | 4861240.6 | | 0.07 | 12.00 | 27.65 | | 2.32 | 0.72 | | 0.28 | 7.08E-03 | 7.08E-03 | 0.02 | 7.19E-03 | 0.01 | 0.03 | 7.08E-03 | 0.02 | | 1.99E-03 | 2.56E-03 | 5.59E-04 | 2.06E-04 | 5.26E-04 | | | | | | |
| 336 | Robinson 3 | 677642.2 | 4861787.2 | | 0.01 | 2.42 | 5.58 | | 1.77 | 0.15 | | 0.22 | 5.47E-03 | 5.47E-03 | 0.02 | 5.56E-03 | 0.01 | 0.02 | 5.47E-03 | 0.01 | | 1.54E-03 | 1.97E-03 | 4.32E-04 | 1.59E-04 | 4.07E-04 | | | | | | |
| 337 | Robinson 4 | 678532.7 | 4862143.6 | | 0.03 | 4.29 | 9.89 | | 1.74 | 0.26 | | 0.21 | 5.39E-03 | 5.39E-03 | 0.02 | 5.47E-03 | 0.01 | 0.02 | 5.39E-03 | 0.01 | | 1.52E-03 | 1.95E-03 | 4.26E-04 | 1.57E-04 | 4.01E-04 | | | | | | |
| 338 | Robinson 5 | 678005.1 | 4862784.9 | | 0.02 | 2.99 | 6.89 | | 1.20 | 0.18 | | 0.15 | 3.80E-03 | 3.80E-03 | 0.01 | 3.87E-03 | 7.61E-03 | 0.02 | 3.80E-03 | 9.99E-03 | | 1.07E-03 | 1.37E-03 | 3.01E-04 | 1.11E-04 | 2.83E-04 | | | | | | |
| 339 | Robinson 6 | 677882.7 | 4860587.7 | | 0.16 | 27.88 | 64.28 | | 2.70 | 1.68 | | 0.33 | 8.21E-03 | 8.21E-03 | 0.03 | 8.35E-03 | 0.02 | 0.03 | 8.21E-03 | 0.02 | | 2.31E-03 | 2.97E-03 | 6.49E-04 | 2.39E-04 | 6.11E-04 | | | | | | |
| 340 | F/B 1 | 677443.1 | 4867862.1 | | 0.03 | 4.35 | 10.02 | | 0.47 | 0.26 | | 0.07 | 1.65E-03 | 1.65E-03 | 5.57E-03 | 1.68E-03 | 3.30E-03 | 6.61E-03 | 1.65E-03 | 4.34E-03 | | 4.65E-04 | 5.96E-04 | 1.30E-04 | 4.81E-05 | 1.23E-04 | | | | | | |
| 341 | F/B 2 | 679667.4 | 4866611.4 | | 0.02 | 3.64 | 8.39 | | 0.62 | 0.22 | | 0.08 | 2.12E-03 | 2.12E-03 | 7.17E-03 | 2.16E-03 | 4.25E-03 | 8.50E-03 | 2.12E-03 | 5.58E-03 | | 5.98E-04 | 7.67E-04 | 1.68E-04 | 6.18E-05 | 1.58E-04 | | | | | | |
| 342 | F/B 3 | 678655.0 | 4867470.1 | | 0.06 | 9.51 | 21.93 | | 0.55 | 0.57 | | 0.08 | 1.90E-03 | 1.90E-03 | 6.40E-03 | 1.93E-03 | 3.79E-03 | 7.59E-03 | 1.90E-03 | 4.98E-03 | | 5.34E-04 | 6.85E-04 | 1.50E-04 | 5.52E-05 | 1.41E-04 | | | | | | |
| 343 | F/B 4 | 676191.2 | 4866844.7 | | 0.02 | 3.87 | 8.93 | | 0.46 | 0.23 | | 0.06 | 1.57E-03 | 1.57E-03 | 5.29E-03 | 1.59E-03 | 3.13E-03 | 6.27E-03 | 1.57E-03 | 4.12E-03 | | 4.41E-04 | 5.66E-04 | 1.24E-04 | 4.56E-05 | 1.17E-04 | | | | | | |
| 344 | F/B 5 | 678273.3 | 4866093.0 | | 0.07 | 11.55 | 26.63 | | 0.64 | 0.69 | | 0.09 | 2.15E-03 | 2.15E-03 | 7.26E-03 | 2.19E-03 | 4.30E-03 | 8.62E-03 | 2.15E-03 | 5.65E-03 | | 6.06E-04 | 7.77E-04 | 1.70E-04 | 6.27E-05 | 1.60E-04 | | | | | | |
| 345 | F/B 6 | 681241.2 | 4867098.8 | | 0.03 | 4.36 | 10.05 | | 0.68 | 0.26 | | 0.09 | 2.30E-03 | 2.30E-03 | 7.76E-03 | 2.34E-03 | 4.60E-03 | 9.21E-03 | 2.30E-03 | 6.04E-03 | | 6.48E-04 | 8.31E-04 | 1.82E-04 | 6.70E-05 | 1.71E-04 | | | | | | |
| 346 | F/B 7 | 682165.3 | 4868082.3 | | 0.03 | 5.08 | 11.72 | | 0.56 | 0.31 | | 0.08 | 1.93E-03 | 1.93E-03 | 6.51E-03 | 1.96E-03 | 3.86E-03 | 7.73E-03 | 1.93E-03 | 5.07E-03 | | 5.43E-04 | 6.97E-04 | 1.52E-04 | 5.62E-05 | 1.43E-04 | | | | | | |
| 347 | F/B 8 | 679366.6 | 4868628.3 | | 0.02 | 2.87 | 6.61 | | 0.46 | 0.17 | | 0.06 | 1.64E-03 | 1.64E-03 | 5.52E-03 | 1.66E-03 | 3.27E-03 | 6.55E-03 | 1.64E-03 | 4.30E-03 | | 4.61E-04 | 5.91E-04 | 1.29E-04 | 4.76E-05 | 1.22E-04 | | | | | | |
| 348 | F/B 9 | 680310.1 | 4869967.1 | | 0.01 | 1.77 | 4.08 | | 0.40 | 0.11 | | 0.06 | 1.42E-03 | 1.42E-03 | 4.79E-03 | 1.44E-03 | 2.84E-03 | 5.68E-03 | 1.42E-03 | 3.73E-03 | | 4.00E-04 | 5.13E-04 | 1.12E-04 | 4.13E-05 | 1.06E-04 | | | | | | |
| 349 | F/B 10 | 676487.3 | 4869291.6 | | 5.26E-03 | 0.90 | 2.08 | | 0.47 | 0.05 | | 0.06 | 1.58E-03 | 1.58E-03 | 5.32E-03 | 1.60E-03 | 3.15E-03 | 6.31E-03 | 1.58E-03 | 4.14E-03 | | 4.44E-04 | 5.70E-04 | 1.25E-04 | 4.59E-05 | 1.17E-04 | | | | | | |
| 350 | F/B 11 | 676851.4 | 4865409.3 | | 0.05 | 8.29 | 19.10 | | 0.56 | 0.50 | | 0.07 | 1.85E-03 | 1.85E-03 | 6.25E-03 | 1.88E-03 | 3.71E-03 | 7.42E-03 | 1.85E-03 | 4.87E-03 | | 5.22E-04 | 6.69E-04 | 1.46E-04 | 5.40E-05 | 1.38E-04 | | | | | | |
| 351 | F/B 12 | 681153.3 | 4868682.2 | | 0.03 | 5.71 | 13.17 | | 0.53 | 0.34 | | 0.07 | 1.84E-03 | 1.84E-03 | 6.21E-03 | 1.87E-03 | 3.68E-03 | 7.36E-03 | 1.84E-03 | 4.83E-03 | | 5.18E-04 | 6.64E-04 | 1.45E-04 | 5.36E-05 | 1.37E-04 | | | | | | |
| 352 | F/B 13 | 675416.3 | 4859833.9 | | 0.01 | 1.90 | 4.38 | | 1.03 | 0.11 | | 0.13 | 3.24E-03 | 3.24E-03 | 0.01 | 3.29E-03 | 6.47E-03 | 0.01 | 3.24E-03 | 8.50E-03 | | 9.11E-04 | 1.17E-03 | 2.56E-04 | 9.42E-05 | 2.41E-04 | | | | | | |
| 353 | Second 1 | 675153.4 | 4860552.8 | | 0.06 | 9.96 | 22.95 | | 0.97 | 0.60 | | 0.12 | 3.05E-03 | 3.05E-03 | 0.01 | 3.10E-03 | 6.10E-03 | 0.01 | 3.05E-03 | 8.01E-03 | | 8.59E-04 | 1.10E-03 | 2.41E-04 | 8.89E-05 | 2.27E-04 | | | | | | |
| 354 | Second 2 | 675297.5 | 4860891.3 | | 0.08 | 14.55 | 33.54 | | 1.07 | 0.88 | | 0.13 | 3.36E-03 | 3.36E-03 | 0.01 | 3.42E-03 | 6.72E-03 | 0.01 | 3.36E-03 | 8.83E-03 | | 9.47E-04 | 1.21E-03 | 2.66E-04 | 9.79E-05 | 2.50E-04 | | | | | | |
| 355 | Second 3 | 675647.2 | 4860644.9 | | 0.06 | 9.44 | 21.76 | | 1.13 | 0.57 | | 0.14 | 3.55E-03 | 3.55E-03 | 0.01 | 3.61E-03 | 7.10E-03 | 0.01 | 3.55E-03 | 9.32E-03 | | 9.99E-04 | 1.28E-03 | 2.80E-04 | 1.03E-04 | 2.64E-04 | | | | | | |
| 356 | Second 4 | 675670.5 | 4860076.5 | | 0.02 | 2.82 | 6.51 | | 1.06 | 0.17 | | 0.13 | 3.33E-03 | 3.33E-03 | 0.01 | 3.38E-03 | 6.65E-03 | 0.01 | 3.33E-03 | 8.74E-03 | | 9.37E-04 | 1.20E-03 | 2.63E-04 | 9.69E-05 | 2.47E-04 | | | | | | |
| 357 | Second 5 | 676043.3 | 4860319.1 | | 0.02 | 3.38 | 7.80 | | 1.23 | 0.20 | | 0.15 | 3.84E-03 | 3.84E-03 | 0.01 | 3.90E-03 | 7.68E-03 | 0.02 | 3.84E-03 | 0.01 | | 1.08E-03 | 1.39E-03 | 3.04E-04 | 1.12E-04 | 2.86E-04 | | | | | | |
| 358 | Second 6 | 675923.4 | 4859821.4 | | 0.01 | 1.79 | 4.13 | | 1.20 | 0.11 | | 0.15 | 3.74E-03 | 3.74E-03 | 0.01 | 3.80E-03 | 7.48E-03 | 0.01 | 3.74E-03 | 9.82E-03 | | 1.05E-03 | 1.35E-03 | 2.96E-04 | 1.09E-04 | 2.78E-04 | | | | | | |
| 359 | McLaughlin Bay 1 | 676714.7 | 4860903.8 | | 0.03 | 4.97 | 11.47 | | 1.87 | 0.30 | | 0.23 | 5.76E-03 | 5.76E-03 | 0.02 | 5.85E-03 | 0.01 | 0.02 | 5.76E-03 | 0.02 | | 1.62E-03 | 2.08E-03 | 4.55E-04 | 1.68E-04 | 4.28E-04 | | | | | | |
| 360 | McLaughlin Bay 2 | 677310.8 | 4860528.2 | | 0.03 | 5.20 | 11.99 | | 2.12 | 0.31 | | 0.26 | 6.49E-03 | 6.49E-03 | 0.02 | 6.60E-03 | 0.01 | 0.03 | 6.49E-03 | 0.02 | | 1.83E-03 | 2.35E-03 | 5.13E-04 | 1.89E-04 | 4.83E-04 | | | | | | |
| 361 | McLaughlin Bay 3 | 676563.5 | 4860260.1 | | 0.02 | 3.22 | 7.42 | | 1.43 | 0.19 | | 0.18 | 4.43E-03 | 4.43E-03 | 0.01 | 4.50E-03 | 8.86E-03 | 0.02 | 4.43E-03 | 0.01 | | 1.25E-03 | 1.60E-03 | 3.50E-04 | 1.29E-04 | 3.29E-04 | | | | | | |
| 362 | McLaughlin Bay 4 | 676699.5 | 4859696.6 | | 0.02 | 3.25 | 7.49 | | 1.66 | 0.20 | | 0.20 | 5.11E-03 | 5.11E-03 | 0.02 | 5.20E-03 | 0.01 | 0.02 | 5.11E-03 | 0.01 | | 1.44E-03 | 1.85E-03 | 4.04E-04 | 1.49E-04 | 3.80E-04 | | | | | | |
| 363 | McLaughlin Bay 5 | 677560.0 | 4860060.1 | | 0.01 | 2.53 | 5.83 | | 1.66 | 0.15 | | 0.20 | 5.11E-03 | 5.11E-03 | 0.02 | 5.19E-03 | 0.01 | 0.02 | 5.11E-03 | 0.01 | | 1.44E-03 | 1.84E-03 | 4.04E-04 | 1.49E-04 | 3.80E-04 | | | | | | |
| 364 | McLaughlin Bay 6 | 678204.5 | 4859832.5 | | 0.10 | 17.70 | 40.80 | | 1.43 | 1.06 | | 0.17 | 4.40E-03 | 4.40E-03 | 0.01 | 4.47E-03 | 8.80E-03 | 0.02 | 4.40E-03 | 0.01 | | 1.24E-03 | 1.59E-03 | 3.48E-04 | 1.28E-04 | 3.27E-04 | | | | | | |
| 365 | Harmony Creek 1 | 674178.3 | 4861024.2 | | 0.10 | 17.42 | 40.16 | | 0.75 | 1.05 | | 0.10 | 2.39E-03 | 2.39E-03 | 8.08E-03 | 2.43E-03 | 4.79E-03 | 9.59E-03 | 2.39E-03 | 6.29E-03 | | 6.74E-04 | 8.65E-04 | 1.89E-04 | 6.97E-05 | 1.78E-04 | | | | | | |
| 366 | Harmony Creek 2 | 674592.0 | 4862605.3 | | 0.15 | 26.06 | 60.07 | | 0.83 | 1.57 | | 0.10 | 2.63E-03 | 2.63E-03 | 8.87E-03 | 2.67E-03 | 5.26E-03 | 0.01 | 2.63E-03 | 6.90E-03 | | 7.40E-04 | 9.49E-04 | 2.08E-04 | 7.65E-05 | 1.95E-04 | | | | | | |
| 367 | Harmony Creek 3 | 672863.4 | 4862808.0 | | 0.09 | 15.50 | 35.73 | | 0.75 | 0.93 | | 0.10 | 2.40E-03 | 2.40E-03 | 8.12E-03 | 2.44E-03 | 4.81E-03 | 9.63E-03 | 2.40E-03 | 6.32E-03 | | 6.77E-04 | 8.69E-04 | 1.90E-04 | 7.00E-05 | 1.79E-04 | | | | | | |
| 368 | Harmony Creek 4 | 675671.6 | 4864469.0 | | 0.06 | 11.10 | 25.58 | | 0.60 | 0.67 | | 0.08 | 1.93E-03 | 1.93E-03 | 6.51E-03 | 1.96E-03 | 3.86E-03 | 7.72E-03 | 1.93E-03 | 5.07E-03 | | 5.43E-04 | 6.97E-04 | 1.52E-04 | 5.62E-05 | 1.43E-04 | | | | | | |
| 369 | Harmony Creek 5 | 672443.1 | 4864713.0 | | 0.08 | 14.58 | 33.61 | | 0.49 | 0.88 | | 0.06 | 1.62E-03 | 1.62E-03 | 5.48E-03 | 1.65E-03 | 3.25E-03 | 6.50E-03 | 1.62E-03 | 4.26E-03 | | 4.57E-04 | 5.86E-04 | 1.28E-04 | 4.73E-05 | 1.21E-04 | | | | | | |
| 370 | Harmony Creek 6 | 674830.5 | 4866909.6 | | 0.01 | 2.24 | 5.17 | | 0.46 | 0.13 | | 0.06 | 1.50E-03 | 1.50E-03 | 5.05E-03 | 1.52E-03 | 2.99E-03 | 5.99E-03 | 1.50E-03 | 3.93E-03 | | 4.21E-04 | 5.40E-04 | 1.18E-04 | 4.36E-05 | 1.11E-04 | | | | | | |
| 371 | Harmony Creek 7 | 675799.9 | 4868594.1 | | 5.28E-03 | 0.91 | 2.09 | | 0.42 | 0.05 | | 0.06 | 1.43E-03 | 1.43E-03 | 4.84E-03 | 1.46E-03 | 2.87E-03 | 5. | | | | | | | | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Vanadium | Zinc | Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb) | Mercury | Vapour | Particulate | Chlorinated Monocyclic Aromatics | 1,2-Dichlorobenzene | 1,2,4,5-Tetrachlorobenzene | 1,2,4-Trichlorobenzene | 2,3,4,6-Tetrachlorophenol | 2,4,6-Trichlorophenol | 2,4-Dichlorophenol | Pentachlorophenol | Hexachlorobenzene | Pentachlorobenzene | Polycyclic Organic Matter | Acenaphthylene | Acenaphthene | Anthracene | Benzo(a)anthracene | Benzo(b)fluoranthene | |
|----------|-------------------|----------|-----------|--|----------|----------|--|---------|----------|-------------|----------------------------------|---------------------|----------------------------|------------------------|---------------------------|-----------------------|--------------------|-------------------|-------------------|--------------------|---------------------------|----------------|--------------|------------|--------------------|----------------------|----------|
| | | (m) | (m) | Vapour (V)/Particulate (P) | P | P | P | | V | P | | V | V | V | V | V | V | V | V | V | V | | V | V | V | V | V |
| | | | | Facility Contaminant Emission Rate (g/s) | 4.80E-05 | 8.24E-03 | 0.02 | | 1.24E-04 | 4.96E-04 | | | 8.45E-05 | 2.13E-06 | 2.13E-06 | 7.18E-06 | 2.16E-06 | 4.25E-06 | 8.52E-06 | 2.13E-06 | 5.59E-06 | | 5.99E-07 | 7.68E-07 | 1.68E-07 | 6.20E-08 | 1.58E-07 |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | 0.10 | 17.53 | 40.42 | | 0.63 | 1.05 | | 0.08 | 2.04E-03 | 2.04E-03 | 6.87E-03 | 2.07E-03 | 4.07E-03 | 8.15E-03 | 2.04E-03 | 5.35E-03 | | 5.73E-04 | 7.35E-04 | 1.61E-04 | 5.93E-05 | 1.51E-04 | |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | 0.05 | 8.90 | 20.52 | | 0.55 | 0.54 | | 0.07 | 1.80E-03 | 1.80E-03 | 6.08E-03 | 1.83E-03 | 3.61E-03 | 7.22E-03 | 1.80E-03 | 4.74E-03 | | 5.08E-04 | 6.51E-04 | 1.42E-04 | 5.25E-05 | 1.34E-04 | |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | 0.05 | 9.31 | 21.45 | | 0.63 | 0.56 | | 0.08 | 2.02E-03 | 2.02E-03 | 6.81E-03 | 2.05E-03 | 4.04E-03 | 8.08E-03 | 2.02E-03 | 5.30E-03 | | 5.68E-04 | 7.29E-04 | 1.60E-04 | 5.88E-05 | 1.50E-04 | |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | 0.04 | 7.00 | 16.13 | | 0.71 | 0.42 | | 0.09 | 2.29E-03 | 2.29E-03 | 7.73E-03 | 2.33E-03 | 4.58E-03 | 9.17E-03 | 2.29E-03 | 6.02E-03 | | 6.45E-04 | 8.27E-04 | 1.81E-04 | 6.67E-05 | 1.70E-04 | |
| 390 | Farm Q | 677409.8 | 4861051.4 | | 0.04 | 7.28 | 16.79 | | 2.51 | 0.44 | | 0.30 | 7.67E-03 | 7.67E-03 | 0.03 | 7.79E-03 | 0.02 | 0.03 | 7.67E-03 | 0.02 | | 2.16E-03 | 2.77E-03 | 6.06E-04 | 2.23E-04 | 5.70E-04 | |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | 0.05 | 9.40 | 21.66 | | 0.91 | 0.57 | | 0.11 | 2.88E-03 | 2.88E-03 | 9.73E-03 | 2.93E-03 | 5.77E-03 | 0.01 | 2.88E-03 | 7.57E-03 | | 8.12E-04 | 1.04E-03 | 2.28E-04 | 8.40E-05 | 2.14E-04 | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Benzo(k)fluoranthene | Benzo(a)fluorene | Benzo(b)fluorene | Benzo(ghi)perylene | Benzo(a)pyrene | Benzo(e)pyrene | Biphenyl | 2-chloronaphthalene | Chrysene | Coronene | Dibenzo(a,h)anthracene | Dibenzo(a,j)anthracene | Dibenzo(a,e)pyrene | 9,10-dimethylanthracene | 7,12-dimethylbenzo(a)anthracene | Fluoranthene | Fluorine | Indeno(1,2,3-cd)pyrene | 2-methylanthracene | 3-methylanthracene | 1-methylanthracene | 2-methylanthracene | | | | |
|----------|----------------------------|----------|-----------|-------------|------------------------|------------------|--|--------------------|----------------|----------------|----------|---------------------|----------|----------|------------------------|------------------------|--------------------|-------------------------|---------------------------------|--------------|----------|------------------------|--------------------|--------------------|--------------------|--------------------|----------|----------|----------|----------|
| | | | | | Vapour (V)/Particulate | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 4.17E-08 | 1.14E-06 | 7.81E-07 | 1.71E-06 | 1.42E-07 | 3.60E-07 | 1.23E-04 | 0.00E+00 | 1.56E-07 | 0.00E+00 | 1.11E-06 | 5.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-06 | 1.29E-06 | 3.11E-07 | 0.00E+00 | 0.00E+00 | 4.06E-06 | 2.25E-05 |
| 1 | Campground 10 | 678526.8 | 4859996.8 | | 1.09E-04 | 2.99E-03 | 2.05E-03 | 4.47E-03 | 3.72E-04 | 9.43E-04 | 0.32 | 0.00E+00 | 4.08E-04 | 0.00E+00 | 2.90E-03 | 1.31E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.50E-03 | 3.39E-03 | 8.16E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.06 | | | | |
| 2 | ECO 2 | 675490.4 | 4860360.1 | | 6.57E-05 | 1.80E-03 | 1.23E-03 | 2.69E-03 | 2.24E-04 | 5.67E-04 | 0.19 | 0.00E+00 | 2.45E-04 | 0.00E+00 | 1.74E-03 | 7.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-03 | 2.04E-03 | 4.91E-04 | 0.00E+00 | 0.00E+00 | 6.39E-03 | 0.04 | | | | |
| 3 | Recreational 5 | 681642.0 | 4860349.3 | | 1.67E-04 | 4.56E-03 | 3.12E-03 | 6.81E-03 | 5.68E-04 | 1.44E-03 | 0.49 | 0.00E+00 | 6.22E-04 | 0.00E+00 | 4.42E-03 | 2.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.86E-03 | 5.16E-03 | 1.24E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.09 | | | | |
| 4 | ECO 4 | 676831.5 | 4859840.9 | | 9.19E-05 | 2.51E-03 | 1.72E-03 | 3.76E-03 | 3.13E-04 | 7.92E-04 | 0.27 | 0.00E+00 | 3.43E-04 | 0.00E+00 | 2.44E-03 | 1.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.78E-03 | 2.85E-03 | 6.86E-04 | 0.00E+00 | 0.00E+00 | 8.93E-03 | 0.05 | | | | |
| 5 | Bow. Valley Cons. 3 | 685767.2 | 4863879.0 | | 6.96E-05 | 1.90E-03 | 1.30E-03 | 2.84E-03 | 2.37E-04 | 6.00E-04 | 0.21 | 0.00E+00 | 2.60E-04 | 0.00E+00 | 1.85E-03 | 8.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-03 | 2.16E-03 | 5.19E-04 | 0.00E+00 | 0.00E+00 | 6.76E-03 | 0.04 | | | | |
| 6 | ECO 6 | 679647.8 | 4859989.3 | | 7.62E-05 | 2.09E-03 | 1.43E-03 | 3.12E-03 | 2.60E-04 | 6.57E-04 | 0.23 | 0.00E+00 | 2.84E-04 | 0.00E+00 | 2.02E-03 | 9.13E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-03 | 2.36E-03 | 5.69E-04 | 0.00E+00 | 0.00E+00 | 7.41E-03 | 0.04 | | | | |
| 7 | ECO 7 | 681578.8 | 4862070.1 | | 2.30E-04 | 6.28E-03 | 4.30E-03 | 9.39E-03 | 7.82E-04 | 1.98E-03 | 0.68 | 0.00E+00 | 8.57E-04 | 0.00E+00 | 6.09E-03 | 2.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.46E-03 | 7.11E-03 | 1.71E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.12 | | | | |
| 8 | ECO 8 | 679735.5 | 4861048.6 | | 1.62E-04 | 4.43E-03 | 3.03E-03 | 6.62E-03 | 5.52E-04 | 1.40E-03 | 0.48 | 0.00E+00 | 6.05E-04 | 0.00E+00 | 4.30E-03 | 1.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.67E-03 | 5.02E-03 | 1.21E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.09 | | | | |
| 9 | ECO 9 | 687219.7 | 4864249.3 | | 5.84E-05 | 1.60E-03 | 1.09E-03 | 2.39E-03 | 1.99E-04 | 5.04E-04 | 0.17 | 0.00E+00 | 2.18E-04 | 0.00E+00 | 1.55E-03 | 7.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.41E-03 | 1.81E-03 | 4.36E-04 | 0.00E+00 | 0.00E+00 | 5.68E-03 | 0.03 | | | | |
| 10 | ECO 10 | 686519.0 | 4861987.6 | | 8.51E-05 | 2.33E-03 | 1.59E-03 | 3.48E-03 | 2.90E-04 | 7.34E-04 | 0.25 | 0.00E+00 | 3.18E-04 | 0.00E+00 | 2.26E-03 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-03 | 2.64E-03 | 6.36E-04 | 0.00E+00 | 0.00E+00 | 8.28E-03 | 0.05 | | | | |
| 11 | ECO 11 | 679870.4 | 4859737.9 | | 4.42E-05 | 1.21E-03 | 8.27E-04 | 1.81E-03 | 1.50E-04 | 3.81E-04 | 0.13 | 0.00E+00 | 1.65E-04 | 0.00E+00 | 1.17E-03 | 5.29E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-03 | 1.37E-03 | 3.30E-04 | 0.00E+00 | 0.00E+00 | 4.29E-03 | 0.02 | | | | |
| 12 | Recreational 4 | 681575.5 | 4860557.7 | | 1.59E-04 | 4.34E-03 | 2.97E-03 | 6.49E-03 | 5.40E-04 | 1.37E-03 | 0.47 | 0.00E+00 | 5.92E-04 | 0.00E+00 | 4.21E-03 | 1.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.54E-03 | 4.92E-03 | 1.18E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.09 | | | | |
| 13 | Future Industrial 9 | 680704.5 | 4859857.8 | | 9.23E-05 | 2.52E-03 | 1.73E-03 | 3.77E-03 | 3.14E-04 | 7.96E-04 | 0.27 | 0.00E+00 | 3.44E-04 | 0.00E+00 | 2.45E-03 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.80E-03 | 2.86E-03 | 6.89E-04 | 0.00E+00 | 0.00E+00 | 8.97E-03 | 0.05 | | | | |
| 14 | Future Industrial 10 | 680608.0 | 4860719.6 | | 8.00E-05 | 2.19E-03 | 1.50E-03 | 3.27E-03 | 2.72E-04 | 6.90E-04 | 0.24 | 0.00E+00 | 2.99E-04 | 0.00E+00 | 2.12E-03 | 9.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-03 | 2.48E-03 | 5.97E-04 | 0.00E+00 | 0.00E+00 | 7.78E-03 | 0.04 | | | | |
| 15 | Harmony Creek | 673992.4 | 4865641.4 | | 3.11E-05 | 8.50E-04 | 5.82E-04 | 1.27E-03 | 1.06E-04 | 2.68E-04 | 0.09 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 8.24E-04 | 3.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-03 | 9.63E-04 | 2.32E-04 | 0.00E+00 | 0.00E+00 | 3.02E-03 | 0.02 | | | | |
| 16 | Farewell Creek | 678079.2 | 4868822.7 | | 3.13E-05 | 8.58E-04 | 5.87E-04 | 1.28E-03 | 1.07E-04 | 2.70E-04 | 0.09 | 0.00E+00 | 1.17E-04 | 0.00E+00 | 8.32E-04 | 3.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.29E-03 | 9.71E-04 | 2.34E-04 | 0.00E+00 | 0.00E+00 | 3.05E-03 | 0.02 | | | | |
| 17 | Farm A | 681378.6 | 4860335.0 | | 1.48E-04 | 4.05E-03 | 2.77E-03 | 6.06E-03 | 5.05E-04 | 1.28E-03 | 0.44 | 0.00E+00 | 5.53E-04 | 0.00E+00 | 3.93E-03 | 1.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.10E-03 | 4.59E-03 | 1.11E-03 | 0.00E+00 | 0.00E+00 | 0.01 | 0.08 | | | | |
| 18 | Farm B | 682883.4 | 4864219.7 | | 1.14E-04 | 3.13E-03 | 2.14E-03 | 4.68E-03 | 3.89E-04 | 9.86E-04 | 0.34 | 0.00E+00 | 4.27E-04 | 0.00E+00 | 3.03E-03 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.71E-03 | 3.54E-03 | 8.54E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.06 | | | | |
| 19 | Farm C | 678929.2 | 4865530.2 | | 4.97E-05 | 1.36E-03 | 9.31E-04 | 2.03E-03 | 1.69E-04 | 4.29E-04 | 0.15 | 0.00E+00 | 1.86E-04 | 0.00E+00 | 1.32E-03 | 5.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.05E-03 | 1.54E-03 | 3.71E-04 | 0.00E+00 | 0.00E+00 | 4.83E-03 | 0.03 | | | | |
| 20 | Zoo | 687216.8 | 4864835.3 | | 5.81E-05 | 1.59E-03 | 1.09E-03 | 2.37E-03 | 1.98E-04 | 5.01E-04 | 0.17 | 0.00E+00 | 2.17E-04 | 0.00E+00 | 1.54E-03 | 6.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.39E-03 | 1.80E-03 | 4.33E-04 | 0.00E+00 | 0.00E+00 | 5.64E-03 | 0.03 | | | | |
| 21 | Cedar Crest Beach | 686652.1 | 4861660.9 | | 1.02E-04 | 2.79E-03 | 1.91E-03 | 4.17E-03 | 3.47E-04 | 8.79E-04 | 0.30 | 0.00E+00 | 3.81E-04 | 0.00E+00 | 2.71E-03 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.20E-03 | 3.16E-03 | 7.61E-04 | 0.00E+00 | 0.00E+00 | 9.91E-03 | 0.05 | | | | |
| 22 | Darlington Prov Park Beach | 677844.6 | 4859718.2 | | 8.02E-05 | 2.19E-03 | 1.50E-03 | 3.28E-03 | 2.73E-04 | 6.91E-04 | 0.24 | 0.00E+00 | 2.99E-04 | 0.00E+00 | 2.13E-03 | 9.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.30E-03 | 2.48E-03 | 5.99E-04 | 0.00E+00 | 0.00E+00 | 7.79E-03 | 0.04 | | | | |
| 23 | OPG 1 | 682258.1 | 4860045.0 | | 1.50E-04 | 4.09E-03 | 2.80E-03 | 6.11E-03 | 5.09E-04 | 1.29E-03 | 0.44 | 0.00E+00 | 5.58E-04 | 0.00E+00 | 3.97E-03 | 1.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.16E-03 | 4.63E-03 | 1.12E-03 | 0.00E+00 | 0.00E+00 | 0.01 | 0.08 | | | | |
| 24 | OPG 2 | 682551.4 | 4859889.1 | | 1.51E-04 | 4.13E-03 | 2.83E-03 | 6.17E-03 | 5.14E-04 | 1.30E-03 | 0.45 | 0.00E+00 | 5.63E-04 | 0.00E+00 | 4.00E-03 | 1.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.22E-03 | 4.68E-03 | 1.13E-03 | 0.00E+00 | 0.00E+00 | 0.01 | 0.08 | | | | |
| 25 | OPG 3 | 682824.6 | 4859759.3 | | 1.54E-04 | 4.20E-03 | 2.88E-03 | 6.28E-03 | 5.23E-04 | 1.33E-03 | 0.45 | 0.00E+00 | 5.74E-04 | 0.00E+00 | 4.08E-03 | 1.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.33E-03 | 4.76E-03 | 1.15E-03 | 0.00E+00 | 0.00E+00 | 0.01 | 0.08 | | | | |
| 26 | OPG 4 | 683021.6 | 4859937.3 | | 1.59E-04 | 4.35E-03 | 2.97E-03 | 6.50E-03 | 5.41E-04 | 1.37E-03 | 0.47 | 0.00E+00 | 5.93E-04 | 0.00E+00 | 4.22E-03 | 1.90E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.54E-03 | 4.92E-03 | 1.19E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.09 | | | | |
| 27 | OPG 5 | 683318.2 | 4859677.8 | | 1.36E-04 | 3.72E-03 | 2.54E-03 | 5.55E-03 | 4.63E-04 | 1.17E-03 | 0.40 | 0.00E+00 | 5.07E-04 | 0.00E+00 | 3.60E-03 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.59E-03 | 4.21E-03 | 1.01E-03 | 0.00E+00 | 0.00E+00 | 0.01 | 0.07 | | | | |
| 28 | OPG 6 | 683306.9 | 4860023.0 | | 1.56E-04 | 4.28E-03 | 2.93E-03 | 6.40E-03 | 5.33E-04 | 1.35E-03 | 0.46 | 0.00E+00 | 5.84E-04 | 0.00E+00 | 4.15E-03 | 1.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.45E-03 | 4.85E-03 | 1.17E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.08 | | | | |
| 29 | OPG 7 | 683718.6 | 4859915.8 | | 1.40E-04 | 3.84E-03 | 2.62E-03 | 5.73E-03 | 4.77E-04 | 1.21E-03 | 0.41 | 0.00E+00 | 5.23E-04 | 0.00E+00 | 3.72E-03 | 1.68E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.77E-03 | 4.34E-03 | 1.05E-03 | 0.00E+00 | 0.00E+00 | 0.01 | 0.08 | | | | |
| 30 | OPG 8 | 682702.0 | 4859998.6 | | 1.54E-04 | 4.22E-03 | 2.89E-03 | 6.31E-03 | 5.26E-04 | 1.33E-03 | 0.46 | 0.00E+00 | 5.76E-04 | 0.00E+00 | 4.10E-03 | 1.85E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.36E-03 | 4.78E-03 | 1.15E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.08 | | | | |
| 31 | OPG 9 | 684347.7 | 4861184.6 | | 1.28E-04 | 3.49E-03 | 2.39E-03 | 5.22E-03 | 4.35E-04 | 1.10E-03 | 0.38 | 0.00E+00 | 4.76E-04 | 0.00E+00 | 3.39E-03 | 1.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-03 | 3.95E-03 | 9.52E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.07 | | | | |
| 32 | OPG 10 | 682157.2 | 4861228.2 | | 1.71E-04 | 4.67E-03 | 3.19E-03 | 6.98E-03 | 5.81E-04 | 1.47E-03 | 0.50 | 0.00E+00 | 6.37E-04 | 0.00E+00 | 4.53E-03 | 2.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.03E-03 | 5.29E-03 | 1.27E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.09 | | | | |
| 33 | St Marys 1 | 684557.0 | 4861070.0 | | 1.33E-04 | 3.63E-03 | 2.48E-03 | 5.42E-03 | 4.51E-04 | 1.14E-03 | 0.39 | 0.00E+00 | 4.95E-04 | 0.00E+00 | 3.52E-03 | 1.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.46E-03 | 4.11E-03 | 9.89E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.07 | | | | |
| 34 | St Marys 2 | 684657.3 | 4861320.8 | | 1.16E-04 | 3.17E-03 | 2.17E-03 | 4.73E-03 | 3.94E-04 | 9.98E-04 | 0.34 | 0.00E+00 | 4.32E-04 | 0.00E+00 | 3.07E-03 | 1.39E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.77E-03 | 3.59E-03 | 8.64E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.06 | | | | |
| 35 | St Marys 3 | 684905.3 | 4861154.4 | | 1.14E-04 | 3.12E-03 | 2.14E-03 | 4.66E-03 | 3.89E-04 | 9.84E-04 | 0.34 | 0.00E+00 | 4.26E-04 | 0.00E+00 | 3.03E-03 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.70E-03 | 3.54E-03 | 8 | | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Benzo(k)fluoranthene | Benzo(a)fluorene | Benzo(b)fluorene | Benzo(ghi)perylene | Benzo(a)pyrene | Benzo(e)pyrene | Biphenyl | 2-chloronaphthalene | Chrysene | Coronene | Dibenzo(a,h)anthracene | Dibenzo(a,j)anthracene | Dibenzo(a,e)pyrene | 9,10-dimethylanthracene | 7,12-dimethylbenzo(a)anthracene | Fluoranthene | Fluorine | Indeno(1,2,3-cd)pyrene | 2-methylanthracene | 3-methylanthracene | 1-methylanthracene | 2-methylanthracene | | | | |
|----------|--------------------------|----------|-----------|-------------|------------------------|------------------|--|--------------------|----------------|----------------|----------|---------------------|----------|----------|------------------------|------------------------|--------------------|-------------------------|---------------------------------|--------------|----------|------------------------|--------------------|--------------------|--------------------|--------------------|----------|----------|----------|----------|
| | | | | | Vapour (V)/Particulate | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 4.17E-08 | 1.14E-06 | 7.81E-07 | 1.71E-06 | 1.42E-07 | 3.60E-07 | 1.23E-04 | 0.00E+00 | 1.56E-07 | 0.00E+00 | 1.11E-06 | 5.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-06 | 1.29E-06 | 3.11E-07 | 0.00E+00 | 0.00E+00 | 4.06E-06 | 2.25E-05 |
| 56 | Osh/Court Subdivision 1 | 677396.8 | 4860977.3 | | 1.52E-04 | 4.15E-03 | 2.84E-03 | 6.20E-03 | 5.17E-04 | 1.31E-03 | 0.45 | 0.00E+00 | 5.66E-04 | 0.00E+00 | 4.02E-03 | 1.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.25E-03 | 4.70E-03 | 1.13E-03 | 0.00E+00 | 0.00E+00 | 0.01 | 0.08 | | | | |
| 57 | Osh/Court Subdivision 2 | 676633.5 | 4860816.8 | | 1.04E-04 | 2.85E-03 | 1.95E-03 | 4.26E-03 | 3.55E-04 | 8.99E-04 | 0.31 | 0.00E+00 | 3.89E-04 | 0.00E+00 | 2.77E-03 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.29E-03 | 3.23E-03 | 7.78E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.06 | | | | |
| 58 | Osh/Court Subdivision 3 | 676916.0 | 4861925.0 | | 9.08E-05 | 2.48E-03 | 1.70E-03 | 3.71E-03 | 3.09E-04 | 7.83E-04 | 0.27 | 0.00E+00 | 3.39E-04 | 0.00E+00 | 2.41E-03 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.74E-03 | 2.81E-03 | 6.78E-04 | 0.00E+00 | 0.00E+00 | 8.82E-03 | 0.05 | | | | |
| 59 | Osh/Court Subdivision 4 | 676730.5 | 4861317.1 | | 1.20E-04 | 3.30E-03 | 2.26E-03 | 4.93E-03 | 4.10E-04 | 1.04E-03 | 0.36 | 0.00E+00 | 4.50E-04 | 0.00E+00 | 3.20E-03 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-03 | 3.73E-03 | 8.99E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.06 | | | | |
| 60 | Osh/Court Subdivision 5 | 676087.2 | 4861392.3 | | 1.00E-04 | 2.74E-03 | 1.87E-03 | 4.09E-03 | 3.41E-04 | 8.63E-04 | 0.30 | 0.00E+00 | 3.73E-04 | 0.00E+00 | 2.65E-03 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-03 | 3.10E-03 | 7.47E-04 | 0.00E+00 | 0.00E+00 | 9.73E-03 | 0.05 | | | | |
| 61 | Osh/Court Subdivision 6 | 676177.1 | 4861722.2 | | 9.06E-05 | 2.48E-03 | 1.70E-03 | 3.71E-03 | 3.09E-04 | 7.81E-04 | 0.27 | 0.00E+00 | 3.38E-04 | 0.00E+00 | 2.40E-03 | 1.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.73E-03 | 2.81E-03 | 6.76E-04 | 0.00E+00 | 0.00E+00 | 8.81E-03 | 0.05 | | | | |
| 62 | Osh/Court Subdivision 7 | 675670.7 | 4861783.2 | | 8.17E-05 | 2.24E-03 | 1.53E-03 | 3.34E-03 | 2.78E-04 | 7.04E-04 | 0.24 | 0.00E+00 | 3.05E-04 | 0.00E+00 | 2.17E-03 | 9.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.36E-03 | 2.53E-03 | 6.10E-04 | 0.00E+00 | 0.00E+00 | 7.94E-03 | 0.04 | | | | |
| 63 | Osh/Court Subdivision 8 | 676050.8 | 4862055.7 | | 8.31E-05 | 2.27E-03 | 1.56E-03 | 3.40E-03 | 2.83E-04 | 7.17E-04 | 0.25 | 0.00E+00 | 3.10E-04 | 0.00E+00 | 2.20E-03 | 9.95E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.42E-03 | 2.58E-03 | 6.20E-04 | 0.00E+00 | 0.00E+00 | 8.08E-03 | 0.04 | | | | |
| 64 | Osh/Court Subdivision 9 | 676636.9 | 4862134.3 | | 8.49E-05 | 2.32E-03 | 1.59E-03 | 3.47E-03 | 2.89E-04 | 7.32E-04 | 0.25 | 0.00E+00 | 3.17E-04 | 0.00E+00 | 2.25E-03 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.50E-03 | 2.63E-03 | 6.34E-04 | 0.00E+00 | 0.00E+00 | 8.26E-03 | 0.05 | | | | |
| 65 | Osh/Court Subdivision 10 | 676571.3 | 4861634.8 | | 9.73E-05 | 2.66E-03 | 1.82E-03 | 3.98E-03 | 3.31E-04 | 8.39E-04 | 0.29 | 0.00E+00 | 3.63E-04 | 0.00E+00 | 2.58E-03 | 1.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.01E-03 | 3.02E-03 | 7.26E-04 | 0.00E+00 | 0.00E+00 | 9.46E-03 | 0.05 | | | | |
| 66 | Bow. Subdivision 11 | 684649.2 | 4863182.7 | | 9.24E-05 | 2.53E-03 | 1.73E-03 | 3.78E-03 | 3.15E-04 | 7.97E-04 | 0.27 | 0.00E+00 | 3.45E-04 | 0.00E+00 | 2.45E-03 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-03 | 2.86E-03 | 6.90E-04 | 0.00E+00 | 0.00E+00 | 8.98E-03 | 0.05 | | | | |
| 67 | Daycare B | 685172.4 | 4863933.1 | | 7.61E-05 | 2.08E-03 | 1.43E-03 | 3.11E-03 | 2.59E-04 | 6.57E-04 | 0.22 | 0.00E+00 | 2.84E-04 | 0.00E+00 | 2.02E-03 | 9.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.14E-03 | 2.36E-03 | 5.68E-04 | 0.00E+00 | 0.00E+00 | 7.40E-03 | 0.04 | | | | |
| 68 | Daycare C | 685452.0 | 4863104.4 | | 8.24E-05 | 2.26E-03 | 1.54E-03 | 3.37E-03 | 2.81E-04 | 7.11E-04 | 0.24 | 0.00E+00 | 3.08E-04 | 0.00E+00 | 2.19E-03 | 9.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.39E-03 | 2.55E-03 | 6.15E-04 | 0.00E+00 | 0.00E+00 | 8.01E-03 | 0.04 | | | | |
| 69 | Daycare D | 685527.7 | 4864693.3 | | 7.58E-05 | 2.07E-03 | 1.42E-03 | 3.10E-03 | 2.58E-04 | 6.53E-04 | 0.22 | 0.00E+00 | 2.83E-04 | 0.00E+00 | 2.01E-03 | 9.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.12E-03 | 2.35E-03 | 5.66E-04 | 0.00E+00 | 0.00E+00 | 7.37E-03 | 0.04 | | | | |
| 70 | Daycare E | 685735.4 | 4864790.8 | | 7.37E-05 | 2.02E-03 | 1.38E-03 | 3.01E-03 | 2.51E-04 | 6.35E-04 | 0.22 | 0.00E+00 | 2.75E-04 | 0.00E+00 | 1.95E-03 | 8.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.03E-03 | 2.28E-03 | 5.50E-04 | 0.00E+00 | 0.00E+00 | 7.16E-03 | 0.04 | | | | |
| 71 | Daycare F | 685520.3 | 4864854.3 | | 7.50E-05 | 2.05E-03 | 1.40E-03 | 3.07E-03 | 2.55E-04 | 6.47E-04 | 0.22 | 0.00E+00 | 2.80E-04 | 0.00E+00 | 1.99E-03 | 8.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-03 | 2.32E-03 | 5.60E-04 | 0.00E+00 | 0.00E+00 | 7.29E-03 | 0.04 | | | | |
| 72 | Daycare G | 685441.9 | 4864878.0 | | 7.51E-05 | 2.05E-03 | 1.41E-03 | 3.07E-03 | 2.56E-04 | 6.47E-04 | 0.22 | 0.00E+00 | 2.80E-04 | 0.00E+00 | 1.99E-03 | 8.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.09E-03 | 2.33E-03 | 5.60E-04 | 0.00E+00 | 0.00E+00 | 7.30E-03 | 0.04 | | | | |
| 73 | Daycare H | 686364.8 | 4864707.8 | | 6.54E-05 | 1.79E-03 | 1.22E-03 | 2.67E-03 | 2.23E-04 | 5.64E-04 | 0.19 | 0.00E+00 | 2.44E-04 | 0.00E+00 | 1.74E-03 | 7.83E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.69E-03 | 2.03E-03 | 4.88E-04 | 0.00E+00 | 0.00E+00 | 6.36E-03 | 0.04 | | | | |
| 74 | Daycare I | 685721.6 | 4865127.3 | | 7.15E-05 | 1.96E-03 | 1.34E-03 | 2.93E-03 | 2.44E-04 | 6.17E-04 | 0.21 | 0.00E+00 | 2.67E-04 | 0.00E+00 | 1.90E-03 | 8.57E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.95E-03 | 2.22E-03 | 5.34E-04 | 0.00E+00 | 0.00E+00 | 6.95E-03 | 0.04 | | | | |
| 75 | Daycare J | 678256.3 | 4863565.4 | | 5.30E-05 | 1.45E-03 | 9.92E-04 | 2.17E-03 | 1.81E-04 | 4.57E-04 | 0.16 | 0.00E+00 | 1.98E-04 | 0.00E+00 | 1.41E-03 | 6.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.18E-03 | 1.64E-03 | 3.96E-04 | 0.00E+00 | 0.00E+00 | 5.15E-03 | 0.03 | | | | |
| 76 | Daycare K | 677694.1 | 4864043.7 | | 4.48E-05 | 1.23E-03 | 8.39E-04 | 1.83E-03 | 1.53E-04 | 3.86E-04 | 0.13 | 0.00E+00 | 1.67E-04 | 0.00E+00 | 1.19E-03 | 5.37E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-03 | 1.39E-03 | 3.34E-04 | 0.00E+00 | 0.00E+00 | 4.35E-03 | 0.02 | | | | |
| 77 | Daycare L | 676479.5 | 4862526.2 | | 6.97E-05 | 1.91E-03 | 1.30E-03 | 2.85E-03 | 2.37E-04 | 6.01E-04 | 0.21 | 0.00E+00 | 2.60E-04 | 0.00E+00 | 1.85E-03 | 8.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-03 | 2.16E-03 | 5.20E-04 | 0.00E+00 | 0.00E+00 | 6.77E-03 | 0.04 | | | | |
| 78 | Daycare M | 678320.9 | 4864763.5 | | 4.43E-05 | 1.21E-03 | 8.29E-04 | 1.81E-03 | 1.51E-04 | 3.82E-04 | 0.13 | 0.00E+00 | 1.65E-04 | 0.00E+00 | 1.17E-03 | 5.30E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.82E-03 | 1.37E-03 | 3.31E-04 | 0.00E+00 | 0.00E+00 | 4.30E-03 | 0.02 | | | | |
| 79 | Daycare N | 678513.4 | 4865058.0 | | 4.71E-05 | 1.29E-03 | 8.83E-04 | 1.93E-03 | 1.61E-04 | 4.07E-04 | 0.14 | 0.00E+00 | 1.76E-04 | 0.00E+00 | 1.25E-03 | 5.65E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.94E-03 | 1.46E-03 | 3.52E-04 | 0.00E+00 | 0.00E+00 | 4.58E-03 | 0.03 | | | | |
| 80 | Daycare O | 672788.7 | 4863936.6 | | 3.50E-05 | 9.58E-04 | 6.56E-04 | 1.43E-03 | 1.19E-04 | 3.02E-04 | 0.10 | 0.00E+00 | 1.31E-04 | 0.00E+00 | 9.29E-04 | 4.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.44E-03 | 1.09E-03 | 2.61E-04 | 0.00E+00 | 0.00E+00 | 3.40E-03 | 0.02 | | | | |
| 81 | Daycare P | 673952.8 | 4863592.5 | | 3.94E-05 | 1.08E-03 | 7.38E-04 | 1.61E-03 | 1.34E-04 | 3.40E-04 | 0.12 | 0.00E+00 | 1.47E-04 | 0.00E+00 | 1.05E-03 | 4.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.62E-03 | 1.22E-03 | 2.94E-04 | 0.00E+00 | 0.00E+00 | 3.83E-03 | 0.02 | | | | |
| 82 | Daycare Q | 671751.8 | 4864887.7 | | 3.01E-05 | 8.23E-04 | 5.63E-04 | 1.23E-03 | 1.02E-04 | 2.59E-04 | 0.09 | 0.00E+00 | 1.12E-04 | 0.00E+00 | 7.98E-04 | 3.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.24E-03 | 9.32E-04 | 2.25E-04 | 0.00E+00 | 0.00E+00 | 2.92E-03 | 0.02 | | | | |
| 83 | Daycare R | 685714.4 | 4864667.4 | | 7.48E-05 | 2.05E-03 | 1.40E-03 | 3.06E-03 | 2.55E-04 | 6.45E-04 | 0.22 | 0.00E+00 | 2.79E-04 | 0.00E+00 | 1.98E-03 | 8.96E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.08E-03 | 2.32E-03 | 5.58E-04 | 0.00E+00 | 0.00E+00 | 7.27E-03 | 0.04 | | | | |
| 84 | Daycare S | 684177.9 | 4863618.2 | | 9.61E-05 | 2.63E-03 | 1.80E-03 | 3.93E-03 | 3.27E-04 | 8.28E-04 | 0.28 | 0.00E+00 | 3.59E-04 | 0.00E+00 | 2.55E-03 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.96E-03 | 2.98E-03 | 7.17E-04 | 0.00E+00 | 0.00E+00 | 9.34E-03 | 0.05 | | | | |
| 85 | Daycare T | 678423.6 | 4864480.4 | | 4.66E-05 | 1.28E-03 | 8.73E-04 | 1.91E-03 | 1.59E-04 | 4.02E-04 | 0.14 | 0.00E+00 | 1.74E-04 | 0.00E+00 | 1.24E-03 | 5.58E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.92E-03 | 1.44E-03 | 3.48E-04 | 0.00E+00 | 0.00E+00 | 4.53E-03 | 0.03 | | | | |
| 86 | Daycare U | 685330.5 | 4863435.1 | | 7.94E-05 | 2.17E-03 | 1.49E-03 | 3.25E-03 | 2.70E-04 | 6.85E-04 | 0.23 | 0.00E+00 | 2.96E-04 | 0.00E+00 | 2.11E-03 | 9.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-03 | 2.46E-03 | 5.93E-04 | 0.00E+00 | 0.00E+00 | 7.72E-03 | 0.04 | | | | |
| 87 | Daycare V | 685153.2 | 4863236.9 | | 8.52E-05 | 2.33E-03 | 1.59E-03 | 3.48E-03 | 2.90E-04 | 7.34E-04 | 0.25 | 0.00E+00 | 3.18E-04 | 0.00E+00 | 2.26E-03 | 1.02E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.51E-03 | 2.64E-03 | 6.36E-04 | 0.00E+00 | 0.00E+00 | 8.28E-03 | 0.05 | | | | |
| 88 | Daycare W | 672679.0 | 4862044.9 | | 4.87E-05 | 1.33E-03 | 9.12E-04 | 1.99E-03 | 1.66E-04 | 4.20E-04 | 0.14 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 1.29E-03 | 5.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.01E-03 | 1.51E-03 | 3.64E-04 | 0.00E+00 | 0.00E+00 | 4.74E-03 | 0.03 | | | | |
| 89 | Daycare X | 672076.5 | 4865285.8 | | 3.09E-05 | 8.47E-04 | 5.79E-04 | 1.27E-03 | 1.05E-04 | 2.67E-04 | 0.09 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 8.21E-04 | 3.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-03 | 9.59E-04 | 2.31E-04 | 0.00E+00 | 0.00E+00 | 3.01E-03 | 0.02 | | | | |
| 90 | Daycare Y | 672638.0 | 4859664.4 | | 3.77E-05 | 1.03E-03 | 7.06E-04 | 1.54E-03 | 1.28E-04 | 3.25E-04 | 0.11 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 1.0 | | | | | | | | | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Benzo(k)fluoranthene | Benzo(a)fluorene | Benzo(b)fluorene | Benzo(ghi)perylene | Benzo(a)pyrene | Benzo(e)pyrene | Biphenyl | 2-chloronaphthalene | Chrysene | Coronene | Dibenzo(a,h)anthracene | Dibenzo(a,j)anthracene | Dibenzo(a,e)pyrene | 9,10-dimethylanthracene | 7,12-dimethylbenzo(a)anthracene | Fluoranthene | Fluorine | Indeno(1,2,3-cd)pyrene | 2-methylanthracene | 3-methylanthracene | 1-methylanthracene | 2-methylanthracene | | | | |
|----------|------------------------|----------|-----------|-------------|------------------------|------------------|--|--------------------|----------------|----------------|----------|---------------------|----------|------------|------------------------|------------------------|--------------------|-------------------------|---------------------------------|--------------|----------|------------------------|--------------------|--------------------|--------------------|--------------------|----------|----------|----------|---|
| | | | | | Vapour (V)/Particulate | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 4.17E-08 | 1.14E-06 | 7.81E-07 | 1.71E-06 | 1.42E-07 | 3.60E-07 | 1.23E-04 | 0.00E+00 | 1.56E-07 | 0.00E+00 | 1.11E-06 | 5.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-06 | 1.29E-06 | 3.11E-07 | 0.00E+00 | 0.00E+00 | 4.06E-06 | 2.25E-05 | |
| 111 | Comm. Resp. Services | 676045.4 | 4863902.5 | | 4.46E-05 | 1.22E-03 | 8.35E-04 | 1.82E-03 | 1.52E-04 | 3.85E-04 | 0.13 | 0.00E+00 | 1.66E-04 | 0.00E+00 | 1.18E-03 | 5.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-03 | 1.38E-03 | 3.33E-04 | 0.00E+00 | 0.00E+00 | 4.34E-03 | 0.02 | | | | |
| 112 | Hospital | 671712.7 | 4862364.1 | | 4.44E-05 | 1.21E-03 | 8.31E-04 | 1.81E-03 | 1.51E-04 | 3.83E-04 | 0.13 | 0.00E+00 | 1.66E-04 | 0.00E+00 | 1.18E-03 | 5.31E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.83E-03 | 1.37E-03 | 3.31E-04 | 0.00E+00 | 0.00E+00 | 4.31E-03 | 0.02 | | | | |
| 113 | Retirement Residence A | 684199.9 | 4864120.3 | | 8.89E-05 | 2.43E-03 | 1.66E-03 | 3.63E-03 | 3.03E-04 | 7.67E-04 | 0.26 | 0.00E+00 | 3.32E-04 | 0.00E+00 | 2.36E-03 | 1.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.66E-03 | 2.75E-03 | 6.64E-04 | 0.00E+00 | 0.00E+00 | 8.64E-03 | 0.05 | | | | |
| 114 | Retirement Residence B | 685483.9 | 4865150.9 | | 7.24E-05 | 1.98E-03 | 1.36E-03 | 2.96E-03 | 2.47E-04 | 6.25E-04 | 0.21 | 0.00E+00 | 2.70E-04 | 0.00E+00 | 1.92E-03 | 8.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.98E-03 | 2.24E-03 | 5.41E-04 | 0.00E+00 | 0.00E+00 | 7.04E-03 | 0.04 | | | | |
| 115 | Retirement Residence C | 686844.0 | 4864732.1 | | 6.17E-05 | 1.69E-03 | 1.16E-03 | 2.52E-03 | 2.10E-04 | 5.32E-04 | 0.18 | 0.00E+00 | 2.30E-04 | 0.00E+00 | 1.64E-03 | 7.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.54E-03 | 1.91E-03 | 4.61E-04 | 0.00E+00 | 0.00E+00 | 6.00E-03 | 0.03 | | | | |
| 116 | Retirement Residence D | 673481.7 | 4863343.4 | | 4.01E-05 | 1.10E-03 | 7.52E-04 | 1.64E-03 | 1.37E-04 | 3.46E-04 | 0.12 | 0.00E+00 | 1.50E-04 | 0.00E+00 | 1.07E-03 | 4.81E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.65E-03 | 1.24E-03 | 3.00E-04 | 0.00E+00 | 0.00E+00 | 3.90E-03 | 0.02 | | | | |
| 117 | Retirement Residence E | 671825.2 | 4864399.0 | | 3.11E-05 | 8.52E-04 | 5.83E-04 | 1.27E-03 | 1.06E-04 | 2.69E-04 | 0.09 | 0.00E+00 | 1.16E-04 | 0.00E+00 | 8.26E-04 | 3.73E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.28E-03 | 9.65E-04 | 2.32E-04 | 0.00E+00 | 0.00E+00 | 3.03E-03 | 0.02 | | | | |
| 118 | Retirement Residence F | 671606.3 | 4864536.0 | | 3.07E-05 | 8.40E-04 | 5.75E-04 | 1.26E-03 | 1.05E-04 | 2.65E-04 | 0.09 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 8.14E-04 | 3.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.26E-03 | 9.51E-04 | 2.29E-04 | 0.00E+00 | 0.00E+00 | 2.98E-03 | 0.02 | | | | |
| 119 | Retirement Residence G | 671357.1 | 4862958.7 | | 4.37E-05 | 1.20E-03 | 8.19E-04 | 1.79E-03 | 1.49E-04 | 3.77E-04 | 0.13 | 0.00E+00 | 1.63E-04 | 0.00E+00 | 1.16E-03 | 5.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.80E-03 | 1.36E-03 | 3.27E-04 | 0.00E+00 | 0.00E+00 | 4.25E-03 | 0.02 | | | | |
| 120 | Retirement Residence H | 671514.0 | 4862262.9 | | 4.29E-05 | 1.17E-03 | 8.03E-04 | 1.75E-03 | 1.46E-04 | 3.70E-04 | 0.13 | 0.00E+00 | 1.60E-04 | 0.00E+00 | 1.14E-03 | 5.14E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.77E-03 | 1.33E-03 | 3.20E-04 | 0.00E+00 | 0.00E+00 | 4.17E-03 | 0.02 | | | | |
| 121 | Retirement Residence I | 672602.2 | 4863075.9 | | 4.40E-05 | 1.20E-03 | 8.24E-04 | 1.80E-03 | 1.50E-04 | 3.80E-04 | 0.13 | 0.00E+00 | 1.64E-04 | 0.00E+00 | 1.17E-03 | 5.27E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.81E-03 | 1.36E-03 | 3.29E-04 | 0.00E+00 | 0.00E+00 | 4.28E-03 | 0.02 | | | | |
| 122 | Retirement Residence J | 671719.1 | 4862893.1 | | 4.47E-05 | 1.22E-03 | 8.37E-04 | 1.83E-03 | 1.52E-04 | 3.86E-04 | 0.13 | 0.00E+00 | 1.67E-04 | 0.00E+00 | 1.19E-03 | 5.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.84E-03 | 1.39E-03 | 3.34E-04 | 0.00E+00 | 0.00E+00 | 4.35E-03 | 0.02 | | | | |
| 123 | Retirement Residence K | 686718.0 | 4865648.7 | | 6.21E-05 | 1.70E-03 | 1.16E-03 | 2.54E-03 | 2.11E-04 | 5.35E-04 | 0.18 | 0.00E+00 | 2.32E-04 | 0.00E+00 | 1.65E-03 | 7.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.56E-03 | 1.92E-03 | 4.63E-04 | 0.00E+00 | 0.00E+00 | 6.03E-03 | 0.03 | | | | |
| 124 | Retirement Residence L | 676168.7 | 4865669.9 | | 3.34E-05 | 9.14E-04 | 6.25E-04 | 1.37E-03 | 1.14E-04 | 2.88E-04 | 0.10 | 0.00E+00 | 1.25E-04 | 0.00E+00 | 8.86E-04 | 4.00E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.38E-03 | 1.04E-03 | 2.49E-04 | 0.00E+00 | 0.00E+00 | 3.25E-03 | 0.02 | | | | |
| 125 | Retirement Residence M | 676118.5 | 4863980.7 | | 4.24E-05 | 1.16E-03 | 7.94E-04 | 1.73E-03 | 1.45E-04 | 3.66E-04 | 0.13 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 1.13E-03 | 5.08E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.75E-03 | 1.31E-03 | 3.17E-04 | 0.00E+00 | 0.00E+00 | 4.12E-03 | 0.02 | | | | |
| 126 | Bow. Subdivision 12 | 684649.2 | 4863182.7 | | 9.24E-05 | 2.53E-03 | 1.73E-03 | 3.78E-03 | 3.15E-04 | 7.97E-04 | 0.27 | 0.00E+00 | 3.45E-04 | 0.00E+00 | 2.45E-03 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-03 | 2.86E-03 | 6.90E-04 | 0.00E+00 | 0.00E+00 | 8.98E-03 | 0.05 | | | | |
| 127 | Primary School B | 685384.8 | 4863575.3 | | 7.66E-05 | 2.10E-03 | 1.43E-03 | 3.13E-03 | 2.61E-04 | 6.80E-04 | 0.23 | 0.00E+00 | 2.86E-04 | 0.00E+00 | 2.03E-03 | 9.18E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.15E-03 | 2.37E-03 | 5.72E-04 | 0.00E+00 | 0.00E+00 | 7.45E-03 | 0.04 | | | | |
| 128 | Primary School C | 685021.6 | 4863952.9 | | 7.94E-05 | 2.17E-03 | 1.49E-03 | 3.25E-03 | 2.70E-04 | 6.84E-04 | 0.23 | 0.00E+00 | 2.96E-04 | 0.00E+00 | 2.11E-03 | 9.51E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.27E-03 | 2.46E-03 | 5.92E-04 | 0.00E+00 | 0.00E+00 | 7.71E-03 | 0.04 | | | | |
| 129 | Primary School D | 686237.0 | 4864085.5 | | 6.58E-05 | 1.80E-03 | 1.23E-03 | 2.69E-03 | 2.24E-04 | 5.67E-04 | 0.19 | 0.00E+00 | 2.45E-04 | 0.00E+00 | 1.74E-03 | 7.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.71E-03 | 2.04E-03 | 4.91E-04 | 0.00E+00 | 0.00E+00 | 6.39E-03 | 0.04 | | | | |
| 130 | Primary School E | 686719.0 | 4863734.7 | | 6.53E-05 | 1.79E-03 | 1.22E-03 | 2.67E-03 | 2.22E-04 | 5.63E-04 | 0.19 | 0.00E+00 | 2.44E-04 | 0.00E+00 | 1.73E-03 | 7.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.69E-03 | 2.02E-03 | 4.87E-04 | 0.00E+00 | 0.00E+00 | 6.35E-03 | 0.04 | | | | |
| 131 | Primary School F | 686357.0 | 4864754.9 | | 6.53E-05 | 1.79E-03 | 1.22E-03 | 2.67E-03 | 2.22E-04 | 5.63E-04 | 0.19 | 0.00E+00 | 2.44E-04 | 0.00E+00 | 1.73E-03 | 7.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.69E-03 | 2.02E-03 | 4.87E-04 | 0.00E+00 | 0.00E+00 | 6.35E-03 | 0.04 | | | | |
| 132 | Primary School G | 685502.0 | 4865013.4 | | 7.38E-05 | 2.02E-03 | 1.38E-03 | 3.02E-03 | 2.51E-04 | 6.36E-04 | 0.22 | 0.00E+00 | 2.75E-04 | 0.00E+00 | 1.96E-03 | 8.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-03 | 2.29E-03 | 5.51E-04 | 0.00E+00 | 0.00E+00 | 7.17E-03 | 0.04 | | | | |
| 133 | Primary School H | 686726.7 | 4866061.5 | | 6.03E-05 | 1.65E-03 | 1.13E-03 | 2.46E-03 | 2.05E-04 | 5.20E-04 | 0.18 | 0.00E+00 | 2.25E-04 | 0.00E+00 | 1.60E-03 | 7.22E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.48E-03 | 1.87E-03 | 4.50E-04 | 0.00E+00 | 0.00E+00 | 5.86E-03 | 0.03 | | | | |
| 134 | Primary School I | 685186.2 | 4866568.2 | | 6.46E-05 | 1.77E-03 | 1.21E-03 | 2.64E-03 | 2.20E-04 | 5.57E-04 | 0.19 | 0.00E+00 | 2.41E-04 | 0.00E+00 | 1.71E-03 | 7.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.66E-03 | 2.00E-03 | 4.82E-04 | 0.00E+00 | 0.00E+00 | 6.28E-03 | 0.03 | | | | |
| 135 | Primary School J | 685965.3 | 4866979.0 | | 5.67E-05 | 1.55E-03 | 1.06E-03 | 2.32E-03 | 1.93E-04 | 4.89E-04 | 0.17 | 0.00E+00 | 2.12E-04 | 0.00E+00 | 1.51E-03 | 6.80E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-03 | 1.76E-03 | 4.23E-04 | 0.00E+00 | 0.00E+00 | 5.51E-03 | 0.03 | | | | |
| 136 | Primary School K | 677709.9 | 4864726.5 | | 3.78E-05 | 1.03E-03 | 7.07E-04 | 1.54E-03 | 1.29E-04 | 3.26E-04 | 0.11 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 1.00E-03 | 4.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-03 | 1.17E-03 | 2.82E-04 | 0.00E+00 | 0.00E+00 | 3.67E-03 | 0.02 | | | | |
| 137 | Primary School L | 675988.3 | 4864270.2 | | 3.98E-05 | 1.09E-03 | 7.46E-04 | 1.63E-03 | 1.36E-04 | 3.44E-04 | 0.12 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 1.06E-03 | 4.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-03 | 1.23E-03 | 2.97E-04 | 0.00E+00 | 0.00E+00 | 3.87E-03 | 0.02 | | | | |
| 138 | Primary School M | 676608.7 | 4862739.0 | | 6.18E-05 | 1.69E-03 | 1.16E-03 | 2.53E-03 | 2.11E-04 | 5.33E-04 | 0.18 | 0.00E+00 | 2.31E-04 | 0.00E+00 | 1.64E-03 | 7.41E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.55E-03 | 1.92E-03 | 4.62E-04 | 0.00E+00 | 0.00E+00 | 6.01E-03 | 0.03 | | | | |
| 139 | Primary School N | 677222.2 | 4863759.1 | | 4.67E-05 | 1.28E-03 | 8.74E-04 | 1.91E-03 | 1.59E-04 | 4.02E-04 | 0.14 | 0.00E+00 | 1.74E-04 | 0.00E+00 | 1.24E-03 | 5.59E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.92E-03 | 1.45E-03 | 3.48E-04 | 0.00E+00 | 0.00E+00 | 4.54E-03 | 0.03 | | | | |
| 140 | Primary School O | 678154.9 | 4863872.7 | | 4.63E-05 | 1.27E-03 | 8.67E-04 | 1.89E-03 | 1.58E-04 | 3.99E-04 | 0.14 | 0.00E+00 | 1.73E-04 | 0.00E+00 | 1.23E-03 | 5.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.91E-03 | 1.43E-03 | 3.46E-04 | 0.00E+00 | 0.00E+00 | 4.50E-03 | 0.02 | | | | |
| 141 | Court. Subdivision 12 | 678309.6 | 4863600.8 | | 5.21E-05 | 1.43E-03 | 9.76E-04 | 2.13E-03 | 1.78E-04 | 4.50E-04 | 0.15 | 0.00E+00 | 1.95E-04 | 0.00E+00 | 1.38E-03 | 6.25E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.15E-03 | 1.62E-03 | 3.89E-04 | 0.00E+00 | 0.00E+00 | 5.07E-03 | 0.03 | | | | |
| 142 | Primary School Q | 677010.6 | 4862470.6 | | 7.34E-05 | 2.01E-03 | 1.37E-03 | 3.00E-03 | 2.50E-04 | 6.33E-04 | 0.22 | 0.00E+00 | 2.74E-04 | 0.00E+00 | 1.95E-03 | 8.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-03 | 2.27E-03 | 5.48E-04 | 0.00E+00 | 0.00E+00 | 7.13E-03 | 0.04 | | | | |
| 143 | Primary School R | 677431.3 | 4866694.7 | | 3.53E-05 | 9.66E-04 | 6.61E-04 | 1.44E-03 | 1.20E-04 | 3.04E-04 | 0.10 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 9.37E-04 | 4.23E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.45E-03 | 1.09E-03 | 2.64E-04 | 0.00E+00 | 0.00E+00 | 3.43E-03 | 0.02 | | | | |
| 144 | Primary School S | 675266.2 | 4863562.9 | | 4.81E-05 | 1.32E-03 | 9.01E-04 | 1.97E-03 | 1.64E-04 | 4.15E-04 | 0.14 | 0.00E+00 | 1.80E-04 | 0.00E+00 | 1.28E-03 | 5.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.98E-03 | 1.49E-03 | 3.59E-04 | 0.00E+00 | 0.00E+00 | 4.68E-03 | 0.03 | | | | |
| 145 | Primary School T | 673479.2 | 4860029.4 | | 3.75E-05 | 1.03E-03 | 7.02E-04 | 1.53E-03 | 1.28E-04 | 3.23E-04 | 0.11 | 0.00E+00 | 1.40E-04 | 0.00E+00</ | | | | | | | | | | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Benzo(k)fluoranthene | Benzo(a)fluorene | Benzo(b)fluorene | Benzo(ghi)perylene | Benzo(a)pyrene | Benzo(e)pyrene | Biphenyl | 2-chloronaphthalene | Chrysene | Coronene | Dibenzo(a,h)anthracene | Dibenzo(a,j)anthracene | Dibenzo(a,e)pyrene | 9,10-dimethylanthracene | 7,12-dimethylbenzo(a)anthracene | Fluoranthene | Fluorine | Indeno(1,2,3-cd)pyrene | 2-methylanthracene | 3-methylanthracene | 1-methylnaphthalene | 2-methylnaphthalene | | | | |
|----------|---------------------|----------|-----------|-------------|------------------------|------------------|--|--------------------|----------------|----------------|----------|---------------------|----------|----------|------------------------|------------------------|--------------------|-------------------------|---------------------------------|--------------|----------|------------------------|--------------------|--------------------|---------------------|---------------------|----------|----------|----------|----------|
| | | | | | Vapour (V)/Particulate | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 4.17E-08 | 1.14E-06 | 7.81E-07 | 1.71E-06 | 1.42E-07 | 3.60E-07 | 1.23E-04 | 0.00E+00 | 1.56E-07 | 0.00E+00 | 0.00E+00 | 1.11E-06 | 5.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-06 | 1.29E-06 | 3.11E-07 | 0.00E+00 | 0.00E+00 | 4.06E-06 | 2.25E-05 |
| 166 | Primary School OO | 675474.8 | 4863221.7 | | 5.13E-05 | 1.40E-03 | 9.60E-04 | 2.10E-03 | 1.75E-04 | 4.42E-04 | 0.15 | 0.00E+00 | 1.91E-04 | 0.00E+00 | 1.36E-03 | 6.15E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.11E-03 | 1.59E-03 | 3.83E-04 | 0.00E+00 | 0.00E+00 | 4.99E-03 | 0.03 | | | | |
| 167 | Primary School PP | 672441.8 | 4858748.6 | | 3.76E-05 | 1.03E-03 | 7.04E-04 | 1.54E-03 | 1.28E-04 | 3.24E-04 | 0.11 | 0.00E+00 | 1.40E-04 | 0.00E+00 | 9.98E-04 | 4.50E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.55E-03 | 1.17E-03 | 2.81E-04 | 0.00E+00 | 0.00E+00 | 3.66E-03 | 0.02 | | | | |
| 168 | Primary School QQ | 672796.8 | 4864438.2 | | 3.26E-05 | 8.91E-04 | 6.10E-04 | 1.33E-03 | 1.11E-04 | 2.81E-04 | 0.10 | 0.00E+00 | 1.22E-04 | 0.00E+00 | 8.64E-04 | 3.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-03 | 1.01E-03 | 2.43E-04 | 0.00E+00 | 0.00E+00 | 3.17E-03 | 0.02 | | | | |
| 169 | Primary School RR | 671351.4 | 4863284.0 | | 4.20E-05 | 1.15E-03 | 7.86E-04 | 1.72E-03 | 1.43E-04 | 3.62E-04 | 0.12 | 0.00E+00 | 1.57E-04 | 0.00E+00 | 1.11E-03 | 5.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.73E-03 | 1.30E-03 | 3.13E-04 | 0.00E+00 | 0.00E+00 | 4.08E-03 | 0.02 | | | | |
| 170 | Primary School SS | 673213.9 | 4862125.5 | | 5.24E-05 | 1.43E-03 | 9.81E-04 | 2.14E-03 | 1.78E-04 | 4.52E-04 | 0.15 | 0.00E+00 | 1.96E-04 | 0.00E+00 | 1.39E-03 | 6.28E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.16E-03 | 1.62E-03 | 3.91E-04 | 0.00E+00 | 0.00E+00 | 5.09E-03 | 0.03 | | | | |
| 171 | Primary School TT | 671017.9 | 4860953.7 | | 3.32E-05 | 9.09E-04 | 6.22E-04 | 1.36E-03 | 1.13E-04 | 2.87E-04 | 0.10 | 0.00E+00 | 1.24E-04 | 0.00E+00 | 8.82E-04 | 3.98E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.37E-03 | 1.03E-03 | 2.48E-04 | 0.00E+00 | 0.00E+00 | 3.23E-03 | 0.02 | | | | |
| 172 | Primary School UU | 670991.0 | 4861089.8 | | 3.25E-05 | 8.90E-04 | 6.09E-04 | 1.33E-03 | 1.11E-04 | 2.81E-04 | 0.10 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 8.63E-04 | 3.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.34E-03 | 1.01E-03 | 2.43E-04 | 0.00E+00 | 0.00E+00 | 3.16E-03 | 0.02 | | | | |
| 173 | Primary School VV | 674150.1 | 4862294.8 | | 5.89E-05 | 1.61E-03 | 1.10E-03 | 2.41E-03 | 2.01E-04 | 5.08E-04 | 0.17 | 0.00E+00 | 2.20E-04 | 0.00E+00 | 1.56E-03 | 7.05E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.43E-03 | 1.82E-03 | 4.40E-04 | 0.00E+00 | 0.00E+00 | 5.72E-03 | 0.03 | | | | |
| 174 | Primary School WW | 672005.2 | 4861707.9 | | 4.07E-05 | 1.11E-03 | 7.62E-04 | 1.66E-03 | 1.39E-04 | 3.51E-04 | 0.12 | 0.00E+00 | 1.52E-04 | 0.00E+00 | 1.08E-03 | 4.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.68E-03 | 1.26E-03 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 3.95E-03 | 0.02 | | | | |
| 175 | Primary School XX | 684172.1 | 4863615.6 | | 9.63E-05 | 2.63E-03 | 1.80E-03 | 3.94E-03 | 3.28E-04 | 8.30E-04 | 0.28 | 0.00E+00 | 3.59E-04 | 0.00E+00 | 2.56E-03 | 1.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.97E-03 | 2.98E-03 | 7.19E-04 | 0.00E+00 | 0.00E+00 | 9.36E-03 | 0.05 | | | | |
| 176 | Primary School YY | 683923.3 | 4866636.4 | | 6.95E-05 | 1.90E-03 | 1.30E-03 | 2.84E-03 | 2.37E-04 | 6.00E-04 | 0.21 | 0.00E+00 | 2.60E-04 | 0.00E+00 | 1.84E-03 | 8.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.86E-03 | 2.15E-03 | 5.19E-04 | 0.00E+00 | 0.00E+00 | 6.76E-03 | 0.04 | | | | |
| 177 | Primary School ZZ | 680446.0 | 4865770.5 | | 5.16E-05 | 1.41E-03 | 9.67E-04 | 2.11E-03 | 1.76E-04 | 4.45E-04 | 0.15 | 0.00E+00 | 1.93E-04 | 0.00E+00 | 1.37E-03 | 6.19E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.13E-03 | 1.60E-03 | 3.85E-04 | 0.00E+00 | 0.00E+00 | 5.02E-03 | 0.03 | | | | |
| 178 | Vacant School | 685612.9 | 4864520.0 | | 7.39E-05 | 2.02E-03 | 1.38E-03 | 3.02E-03 | 2.52E-04 | 6.38E-04 | 0.22 | 0.00E+00 | 2.76E-04 | 0.00E+00 | 1.96E-03 | 8.86E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.05E-03 | 2.29E-03 | 5.52E-04 | 0.00E+00 | 0.00E+00 | 7.19E-03 | 0.04 | | | | |
| 179 | Secondary School A | 686291.4 | 4865064.3 | | 6.52E-05 | 1.79E-03 | 1.22E-03 | 2.67E-03 | 2.22E-04 | 5.63E-04 | 0.19 | 0.00E+00 | 2.44E-04 | 0.00E+00 | 1.73E-03 | 7.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.69E-03 | 2.02E-03 | 4.87E-04 | 0.00E+00 | 0.00E+00 | 6.34E-03 | 0.04 | | | | |
| 180 | Secondary School B | 683875.0 | 4864741.7 | | 8.97E-05 | 2.45E-03 | 1.68E-03 | 3.67E-03 | 3.05E-04 | 7.73E-04 | 0.26 | 0.00E+00 | 3.35E-04 | 0.00E+00 | 2.38E-03 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-03 | 2.78E-03 | 6.69E-04 | 0.00E+00 | 0.00E+00 | 8.72E-03 | 0.05 | | | | |
| 181 | Secondary School C | 684650.3 | 4864660.3 | | 6.71E-05 | 1.84E-03 | 1.26E-03 | 2.74E-03 | 2.29E-04 | 5.79E-04 | 0.20 | 0.00E+00 | 2.51E-04 | 0.00E+00 | 1.78E-03 | 8.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.76E-03 | 2.08E-03 | 5.01E-04 | 0.00E+00 | 0.00E+00 | 6.52E-03 | 0.04 | | | | |
| 182 | Secondary School D | 678099.5 | 4864838.2 | | 4.18E-05 | 1.14E-03 | 7.83E-04 | 1.71E-03 | 1.42E-04 | 3.61E-04 | 0.12 | 0.00E+00 | 1.56E-04 | 0.00E+00 | 1.11E-03 | 5.01E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-03 | 1.30E-03 | 3.12E-04 | 0.00E+00 | 0.00E+00 | 4.06E-03 | 0.02 | | | | |
| 183 | Secondary School E | 678467.0 | 4863431.2 | | 5.56E-05 | 1.52E-03 | 1.04E-03 | 2.27E-03 | 1.89E-04 | 4.79E-04 | 0.16 | 0.00E+00 | 2.08E-04 | 0.00E+00 | 1.48E-03 | 6.66E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.29E-03 | 1.72E-03 | 4.15E-04 | 0.00E+00 | 0.00E+00 | 5.40E-03 | 0.03 | | | | |
| 184 | Secondary School F | 674144.9 | 4862762.7 | | 4.86E-05 | 1.33E-03 | 9.09E-04 | 1.99E-03 | 1.65E-04 | 4.19E-04 | 0.14 | 0.00E+00 | 1.81E-04 | 0.00E+00 | 1.29E-03 | 5.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.00E-03 | 1.50E-03 | 3.62E-04 | 0.00E+00 | 0.00E+00 | 4.72E-03 | 0.03 | | | | |
| 185 | Secondary School G | 673816.0 | 4864357.1 | | 3.67E-05 | 1.00E-03 | 6.87E-04 | 1.50E-03 | 1.25E-04 | 3.16E-04 | 0.11 | 0.00E+00 | 1.37E-04 | 0.00E+00 | 9.74E-04 | 4.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.51E-03 | 1.14E-03 | 2.74E-04 | 0.00E+00 | 0.00E+00 | 3.57E-03 | 0.02 | | | | |
| 186 | Secondary School H | 673145.4 | 4858569.0 | | 3.80E-05 | 1.04E-03 | 7.12E-04 | 1.55E-03 | 1.29E-04 | 3.28E-04 | 0.11 | 0.00E+00 | 1.42E-04 | 0.00E+00 | 1.01E-03 | 4.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.57E-03 | 1.18E-03 | 2.84E-04 | 0.00E+00 | 0.00E+00 | 3.70E-03 | 0.02 | | | | |
| 187 | Secondary School I | 671291.7 | 4863581.3 | | 4.02E-05 | 1.10E-03 | 7.53E-04 | 1.64E-03 | 1.37E-04 | 3.47E-04 | 0.12 | 0.00E+00 | 1.50E-04 | 0.00E+00 | 1.07E-03 | 4.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.66E-03 | 1.25E-03 | 3.00E-04 | 0.00E+00 | 0.00E+00 | 3.91E-03 | 0.02 | | | | |
| 188 | Secondary School J | 671443.2 | 4861664.9 | | 3.55E-05 | 9.72E-04 | 6.65E-04 | 1.45E-03 | 1.21E-04 | 3.06E-04 | 0.10 | 0.00E+00 | 1.33E-04 | 0.00E+00 | 9.43E-04 | 4.26E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-03 | 1.10E-03 | 2.65E-04 | 0.00E+00 | 0.00E+00 | 3.45E-03 | 0.02 | | | | |
| 189 | Secondary School K | 673235.3 | 4860885.0 | | 3.85E-05 | 1.05E-03 | 7.20E-04 | 1.57E-03 | 1.31E-04 | 3.32E-04 | 0.11 | 0.00E+00 | 1.44E-04 | 0.00E+00 | 1.02E-03 | 4.61E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.58E-03 | 1.19E-03 | 2.87E-04 | 0.00E+00 | 0.00E+00 | 3.74E-03 | 0.02 | | | | |
| 190 | Secondary School L | 684252.7 | 4866500.5 | | 6.96E-05 | 1.90E-03 | 1.30E-03 | 2.85E-03 | 2.37E-04 | 6.00E-04 | 0.21 | 0.00E+00 | 2.60E-04 | 0.00E+00 | 1.85E-03 | 8.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-03 | 2.16E-03 | 5.20E-04 | 0.00E+00 | 0.00E+00 | 6.77E-03 | 0.04 | | | | |
| 191 | Secondary School M | 673914.1 | 4859551.7 | | 4.93E-05 | 1.35E-03 | 9.23E-04 | 2.02E-03 | 1.68E-04 | 4.25E-04 | 0.15 | 0.00E+00 | 1.84E-04 | 0.00E+00 | 1.31E-03 | 5.91E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.03E-03 | 1.53E-03 | 3.68E-04 | 0.00E+00 | 0.00E+00 | 4.79E-03 | 0.03 | | | | |
| 192 | Secondary School N | 675051.5 | 4864177.2 | | 4.27E-05 | 1.17E-03 | 8.00E-04 | 1.75E-03 | 1.46E-04 | 3.68E-04 | 0.13 | 0.00E+00 | 1.59E-04 | 0.00E+00 | 1.13E-03 | 5.12E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.76E-03 | 1.32E-03 | 3.19E-04 | 0.00E+00 | 0.00E+00 | 4.15E-03 | 0.02 | | | | |
| 193 | Adult School | 685276.1 | 4866019.8 | | 6.34E-05 | 1.74E-03 | 1.19E-03 | 2.59E-03 | 2.16E-04 | 5.47E-04 | 0.19 | 0.00E+00 | 2.37E-04 | 0.00E+00 | 1.68E-03 | 7.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.61E-03 | 1.97E-03 | 4.73E-04 | 0.00E+00 | 0.00E+00 | 6.17E-03 | 0.03 | | | | |
| 194 | Bow. Valley Cons. 1 | 685356.6 | 4864521.2 | | 7.37E-05 | 2.02E-03 | 1.38E-03 | 3.02E-03 | 2.51E-04 | 6.36E-04 | 0.22 | 0.00E+00 | 2.75E-04 | 0.00E+00 | 1.96E-03 | 8.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.04E-03 | 2.29E-03 | 5.51E-04 | 0.00E+00 | 0.00E+00 | 7.17E-03 | 0.04 | | | | |
| 195 | Bow. Valley Cons. 2 | 685627.7 | 4864167.8 | | 7.03E-05 | 1.92E-03 | 1.32E-03 | 2.87E-03 | 2.39E-04 | 6.06E-04 | 0.21 | 0.00E+00 | 2.62E-04 | 0.00E+00 | 1.86E-03 | 8.42E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.89E-03 | 2.18E-03 | 5.25E-04 | 0.00E+00 | 0.00E+00 | 6.83E-03 | 0.04 | | | | |
| 196 | Bow. Valley Cons. 4 | 685852.7 | 4863640.2 | | 7.14E-05 | 1.95E-03 | 1.34E-03 | 2.92E-03 | 2.43E-04 | 6.16E-04 | 0.21 | 0.00E+00 | 2.67E-04 | 0.00E+00 | 1.89E-03 | 8.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.94E-03 | 2.21E-03 | 5.33E-04 | 0.00E+00 | 0.00E+00 | 6.94E-03 | 0.04 | | | | |
| 197 | Bow. Valley Cons. 5 | 686163.1 | 4863621.5 | | 6.98E-05 | 1.91E-03 | 1.31E-03 | 2.85E-03 | 2.38E-04 | 6.02E-04 | 0.21 | 0.00E+00 | 2.61E-04 | 0.00E+00 | 1.85E-03 | 8.36E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.88E-03 | 2.16E-03 | 5.21E-04 | 0.00E+00 | 0.00E+00 | 6.79E-03 | 0.04 | | | | |
| 198 | Bow. Valley Cons. 6 | 685931.9 | 4863380.6 | | 7.30E-05 | 2.00E-03 | 1.37E-03 | 2.99E-03 | 2.49E-04 | 6.30E-04 | 0.22 | 0.00E+00 | 2.73E-04 | 0.00E+00 | 1.94E-03 | 8.75E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.01E-03 | 2.26E-03 | 5.45E-04 | 0.00E+00 | 0.00E+00 | 7.10E-03 | 0.04 | | | | |
| 199 | Maple Grove 1 | 681688.5 | 4864717.0 | | 6.69E-05 | 1.83E-03 | 1.25E-03 | 2.74E-03 | 2.28E-04 | 5.77E-04 | 0.20 | 0.00E+00 | 2.50E-04 | 0.00E+00 | 1.78E-03 | 8.02E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.76E-03 | 2.07E-03 | 5.00E-04 | 0.00E+00 | 0.00E+00 | 6.51E-03 | 0.04 | | | | |
| 200 | Maple Grove 2 | 681768.9 | 4864631.8 | | 6.99E-05 | 1.91E-03 | 1.31E-03 | 2.86E-03 | 2.38E-04 | 6.03E-04 | 0.21 | 0.00E+00 | 2 | | | | | | | | | | | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Benzo(k)fluoranthene | Benzo(a)fluorene | Benzo(b)fluorene | Benzo(ghi)perylene | Benzo(a)pyrene | Benzo(e)pyrene | Biphenyl | 2-chloronaphthalene | Chrysene | Coronene | Dibenzo(a,h)anthracene | Dibenzo(a,h)anthracene | Dibenzo(a,e)pyrene | 9,10-dimethylanthracene | 7,12-dimethylbenzo(a)anthracene | Fluoranthene | Fluorine | Indeno(1,2,3-cd)pyrene | 2-methylanthracene | 3-methylanthracene | 1-methylanthracene | 2-methylanthracene | | | | |
|----------|----------------|----------|-----------|-------------|------------------------|------------------|--|--------------------|----------------|----------------|----------|---------------------|----------|----------|------------------------|------------------------|--------------------|-------------------------|---------------------------------|--------------|----------|------------------------|--------------------|--------------------|--------------------|--------------------|----------|----------|----------|---|
| | | | | | Vapour (V)/Particulate | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 4.17E-08 | 1.14E-06 | 7.81E-07 | 1.71E-06 | 1.42E-07 | 3.60E-07 | 1.23E-04 | 0.00E+00 | 1.56E-07 | 0.00E+00 | 1.11E-06 | 5.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-06 | 1.29E-06 | 3.11E-07 | 0.00E+00 | 0.00E+00 | 4.06E-06 | 2.25E-05 | |
| 221 | Campground 2 | 678410.2 | 4860148.6 | | 1.33E-04 | 3.64E-03 | 2.49E-03 | 5.44E-03 | 4.53E-04 | 1.15E-03 | 0.39 | 0.00E+00 | 4.96E-04 | 0.00E+00 | 3.53E-03 | 1.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.48E-03 | 4.12E-03 | 9.92E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.07 | | | | |
| 222 | Campground 3 | 678651.0 | 4860054.4 | | 1.22E-04 | 3.34E-03 | 2.29E-03 | 5.00E-03 | 4.16E-04 | 1.05E-03 | 0.36 | 0.00E+00 | 4.56E-04 | 0.00E+00 | 3.24E-03 | 1.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.03E-03 | 3.79E-03 | 9.13E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.07 | | | | |
| 223 | Campground 4 | 678725.9 | 4859860.7 | | 1.15E-04 | 3.13E-03 | 2.14E-03 | 4.68E-03 | 3.90E-04 | 9.88E-04 | 0.34 | 0.00E+00 | 4.27E-04 | 0.00E+00 | 3.04E-03 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.72E-03 | 3.55E-03 | 8.55E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.06 | | | | |
| 224 | Campground 5 | 678511.1 | 4859808.6 | | 1.01E-04 | 2.78E-03 | 1.90E-03 | 4.15E-03 | 3.46E-04 | 8.75E-04 | 0.30 | 0.00E+00 | 3.79E-04 | 0.00E+00 | 2.69E-03 | 1.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.18E-03 | 3.15E-03 | 7.58E-04 | 0.00E+00 | 0.00E+00 | 9.87E-03 | 0.05 | | | | |
| 225 | Campground 6 | 678869.5 | 4859696.0 | | 1.00E-04 | 2.74E-03 | 1.88E-03 | 4.10E-03 | 3.42E-04 | 8.65E-04 | 0.30 | 0.00E+00 | 3.74E-04 | 0.00E+00 | 2.66E-03 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-03 | 3.11E-03 | 7.49E-04 | 0.00E+00 | 0.00E+00 | 9.75E-03 | 0.05 | | | | |
| 226 | Campground 7 | 678723.9 | 4860201.8 | | 1.56E-04 | 4.27E-03 | 2.92E-03 | 6.39E-03 | 5.32E-04 | 1.35E-03 | 0.46 | 0.00E+00 | 5.83E-04 | 0.00E+00 | 4.14E-03 | 1.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.43E-03 | 4.84E-03 | 1.17E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.08 | | | | |
| 227 | Campground 8 | 678796.0 | 4860011.4 | | 1.21E-04 | 3.30E-03 | 2.26E-03 | 4.93E-03 | 4.11E-04 | 1.04E-03 | 0.36 | 0.00E+00 | 4.50E-04 | 0.00E+00 | 3.20E-03 | 1.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.97E-03 | 3.74E-03 | 9.01E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.06 | | | | |
| 228 | Campground 9 | 678852.7 | 4859854.2 | | 1.17E-04 | 3.21E-03 | 2.20E-03 | 4.80E-03 | 3.99E-04 | 1.01E-03 | 0.35 | 0.00E+00 | 4.38E-04 | 0.00E+00 | 3.11E-03 | 1.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.83E-03 | 3.63E-03 | 8.75E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.06 | | | | |
| 229 | Solina 1 | 681099.6 | 4861677.2 | | 1.85E-04 | 5.07E-03 | 3.47E-03 | 7.57E-03 | 6.31E-04 | 1.60E-03 | 0.55 | 0.00E+00 | 6.91E-04 | 0.00E+00 | 4.92E-03 | 2.22E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.63E-03 | 5.74E-03 | 1.38E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.10 | | | | |
| 230 | Solina 2 | 681115.7 | 4861857.7 | | 1.81E-04 | 4.96E-03 | 3.39E-03 | 7.41E-03 | 6.17E-04 | 1.56E-03 | 0.54 | 0.00E+00 | 6.76E-04 | 0.00E+00 | 4.81E-03 | 2.17E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.46E-03 | 5.61E-03 | 1.35E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.10 | | | | |
| 231 | Solina 3 | 680987.4 | 4861983.5 | | 1.48E-04 | 4.06E-03 | 2.78E-03 | 6.07E-03 | 5.05E-04 | 1.28E-03 | 0.44 | 0.00E+00 | 5.54E-04 | 0.00E+00 | 3.94E-03 | 1.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.11E-03 | 4.60E-03 | 1.11E-03 | 0.00E+00 | 0.00E+00 | 0.01 | 0.08 | | | | |
| 232 | Solina 4 | 680965.0 | 4862068.1 | | 1.41E-04 | 3.87E-03 | 2.65E-03 | 5.78E-03 | 4.82E-04 | 1.22E-03 | 0.42 | 0.00E+00 | 5.28E-04 | 0.00E+00 | 3.75E-03 | 1.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.83E-03 | 4.38E-03 | 1.06E-03 | 0.00E+00 | 0.00E+00 | 0.01 | 0.08 | | | | |
| 233 | Solina 5 | 681021.5 | 4862086.7 | | 1.45E-04 | 3.98E-03 | 2.72E-03 | 5.95E-03 | 4.95E-04 | 1.25E-03 | 0.43 | 0.00E+00 | 5.43E-04 | 0.00E+00 | 3.86E-03 | 1.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.99E-03 | 4.51E-03 | 1.09E-03 | 0.00E+00 | 0.00E+00 | 0.01 | 0.08 | | | | |
| 234 | Solina 6 | 680939.8 | 4862124.3 | | 1.37E-04 | 3.75E-03 | 2.57E-03 | 5.61E-03 | 4.67E-04 | 1.18E-03 | 0.40 | 0.00E+00 | 5.12E-04 | 0.00E+00 | 3.64E-03 | 1.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.65E-03 | 4.25E-03 | 1.02E-03 | 0.00E+00 | 0.00E+00 | 0.01 | 0.07 | | | | |
| 235 | Solina 7 | 680988.2 | 4862183.6 | | 1.38E-04 | 3.78E-03 | 2.59E-03 | 5.65E-03 | 4.71E-04 | 1.19E-03 | 0.41 | 0.00E+00 | 5.16E-04 | 0.00E+00 | 3.67E-03 | 1.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.69E-03 | 4.28E-03 | 1.03E-03 | 0.00E+00 | 0.00E+00 | 0.01 | 0.07 | | | | |
| 236 | Solina 8 | 680984.6 | 4862209.8 | | 1.37E-04 | 3.74E-03 | 2.56E-03 | 5.59E-03 | 4.65E-04 | 1.18E-03 | 0.40 | 0.00E+00 | 5.10E-04 | 0.00E+00 | 3.63E-03 | 1.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.63E-03 | 4.23E-03 | 1.02E-03 | 0.00E+00 | 0.00E+00 | 0.01 | 0.07 | | | | |
| 237 | Solina 9 | 680958.6 | 4862294.9 | | 1.32E-04 | 3.62E-03 | 2.48E-03 | 5.41E-03 | 4.50E-04 | 1.14E-03 | 0.39 | 0.00E+00 | 4.94E-04 | 0.00E+00 | 3.51E-03 | 1.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.45E-03 | 4.10E-03 | 9.87E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.07 | | | | |
| 238 | Solina 10 | 680858.0 | 4862324.3 | | 1.28E-04 | 3.49E-03 | 2.39E-03 | 5.22E-03 | 4.35E-04 | 1.10E-03 | 0.38 | 0.00E+00 | 4.76E-04 | 0.00E+00 | 3.39E-03 | 1.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.26E-03 | 3.95E-03 | 9.52E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.07 | | | | |
| 239 | Solina 11 | 680990.3 | 4862403.5 | | 1.30E-04 | 3.56E-03 | 2.44E-03 | 5.33E-03 | 4.44E-04 | 1.12E-03 | 0.38 | 0.00E+00 | 4.86E-04 | 0.00E+00 | 3.46E-03 | 1.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.36E-03 | 4.04E-03 | 9.72E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.07 | | | | |
| 240 | Recreational 1 | 681545.0 | 4860865.0 | | 1.44E-04 | 3.94E-03 | 2.69E-03 | 5.88E-03 | 4.90E-04 | 1.24E-03 | 0.42 | 0.00E+00 | 5.37E-04 | 0.00E+00 | 3.82E-03 | 1.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.92E-03 | 4.46E-03 | 1.07E-03 | 0.00E+00 | 0.00E+00 | 0.01 | 0.08 | | | | |
| 241 | Recreational 2 | 681563.7 | 4860687.4 | | 1.46E-04 | 4.00E-03 | 2.74E-03 | 5.98E-03 | 4.98E-04 | 1.26E-03 | 0.43 | 0.00E+00 | 5.46E-04 | 0.00E+00 | 3.88E-03 | 1.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-03 | 4.53E-03 | 1.09E-03 | 0.00E+00 | 0.00E+00 | 0.01 | 0.08 | | | | |
| 242 | Recreational 3 | 681579.7 | 4860610.0 | | 1.54E-04 | 4.21E-03 | 2.88E-03 | 6.29E-03 | 5.24E-04 | 1.33E-03 | 0.45 | 0.00E+00 | 5.75E-04 | 0.00E+00 | 4.08E-03 | 1.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.34E-03 | 4.77E-03 | 1.15E-03 | 0.00E+00 | 0.00E+00 | 0.01 | 0.08 | | | | |
| 243 | Recreational 6 | 681876.6 | 4860254.4 | | 1.65E-04 | 4.53E-03 | 3.10E-03 | 6.77E-03 | 5.64E-04 | 1.43E-03 | 0.49 | 0.00E+00 | 6.18E-04 | 0.00E+00 | 4.39E-03 | 1.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.81E-03 | 5.13E-03 | 1.24E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.09 | | | | |
| 244 | Recreational 7 | 682166.9 | 4860324.4 | | 1.74E-04 | 4.76E-03 | 3.26E-03 | 7.11E-03 | 5.92E-04 | 1.50E-03 | 0.51 | 0.00E+00 | 6.49E-04 | 0.00E+00 | 4.61E-03 | 2.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.16E-03 | 5.39E-03 | 1.30E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.09 | | | | |
| 245 | Darlington 1 | 679565.4 | 4861052.9 | | 1.60E-04 | 4.38E-03 | 3.00E-03 | 6.55E-03 | 5.45E-04 | 1.38E-03 | 0.47 | 0.00E+00 | 5.98E-04 | 0.00E+00 | 4.25E-03 | 1.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.60E-03 | 4.96E-03 | 1.20E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.09 | | | | |
| 246 | Darlington 2 | 679452.9 | 4861051.4 | | 1.60E-04 | 4.38E-03 | 3.00E-03 | 6.55E-03 | 5.46E-04 | 1.38E-03 | 0.47 | 0.00E+00 | 5.98E-04 | 0.00E+00 | 4.25E-03 | 1.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.60E-03 | 4.97E-03 | 1.20E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.09 | | | | |
| 247 | Darlington 3 | 679130.5 | 4860948.8 | | 1.86E-04 | 5.09E-03 | 3.48E-03 | 7.60E-03 | 6.33E-04 | 1.60E-03 | 0.55 | 0.00E+00 | 6.94E-04 | 0.00E+00 | 4.93E-03 | 2.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.66E-03 | 5.76E-03 | 1.39E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.10 | | | | |
| 248 | Darlington 4 | 679112.6 | 4860941.9 | | 1.87E-04 | 5.12E-03 | 3.50E-03 | 7.64E-03 | 6.37E-04 | 1.61E-03 | 0.55 | 0.00E+00 | 6.98E-04 | 0.00E+00 | 4.96E-03 | 2.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.70E-03 | 5.79E-03 | 1.40E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.10 | | | | |
| 249 | Darlington 5 | 679057.6 | 4860994.1 | | 1.86E-04 | 5.10E-03 | 3.49E-03 | 7.62E-03 | 6.35E-04 | 1.61E-03 | 0.55 | 0.00E+00 | 6.96E-04 | 0.00E+00 | 4.95E-03 | 2.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.68E-03 | 5.78E-03 | 1.39E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.10 | | | | |
| 250 | Darlington 6 | 679075.2 | 4860931.6 | | 1.88E-04 | 5.14E-03 | 3.52E-03 | 7.69E-03 | 6.40E-04 | 1.62E-03 | 0.56 | 0.00E+00 | 7.02E-04 | 0.00E+00 | 4.99E-03 | 2.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.74E-03 | 5.83E-03 | 1.40E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.10 | | | | |
| 251 | Darlington 7 | 678814.3 | 4860843.1 | | 2.15E-04 | 5.88E-03 | 4.02E-03 | 8.79E-03 | 7.32E-04 | 1.85E-03 | 0.63 | 0.00E+00 | 8.02E-04 | 0.00E+00 | 5.70E-03 | 2.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.85E-03 | 6.66E-03 | 1.60E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.12 | | | | |
| 252 | Darlington 8 | 678840.4 | 4860777.1 | | 2.20E-04 | 6.03E-03 | 4.12E-03 | 9.01E-03 | 7.50E-04 | 1.90E-03 | 0.65 | 0.00E+00 | 8.22E-04 | 0.00E+00 | 5.84E-03 | 2.64E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.07E-03 | 6.83E-03 | 1.64E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.12 | | | | |
| 253 | Light Ind. 1 | 680000.1 | 4861034.1 | | 1.36E-04 | 3.71E-03 | 2.54E-03 | 5.55E-03 | 4.62E-04 | 1.17E-03 | 0.40 | 0.00E+00 | 5.07E-04 | 0.00E+00 | 3.60E-03 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.59E-03 | 4.21E-03 | 1.01E-03 | 0.00E+00 | 0.00E+00 | 0.01 | 0.07 | | | | |
| 254 | Light Ind. 2 | 680060.7 | 4861056.4 | | 1.33E-04 | 3.64E-03 | 2.49E-03 | 5.43E-03 | 4.52E-04 | 1.15E-03 | 0.39 | 0.00E+00 | 4.96E-04 | 0.00E+00 | 3.53E-03 | 1.59E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.47E-03 | 4.12E-03 | 9.92E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.07 | | | | |
| 255 | Light Ind. 3 | 680291.2 | 4861151.6 | | 1.25E-04 | 3.42E-03 | 2.34E-03 | 5.11E-03 | 4.26E-04 | 1.08E-03 | 0.37 | 0.00E+00 | 4.67E-04 | 0.00E+00 | 3.32E-03 | 1.50E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.15E-03 | 3.88E-03 | 9.34E-04 | 0.00E | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Benzo(k)fluoranthene | Benzo(a)fluorene | Benzo(b)fluorene | Benzo(ghi)perylene | Benzo(a)pyrene | Benzo(e)pyrene | Biphenyl | 2-chloronaphthalene | Chrysene | Coronene | Dibenzo(a,h)anthracene | Dibenzo(a,j)anthracene | Dibenzo(a,e)pyrene | 9,10-dimethylanthracene | 7,12-dimethylbenzo(a)anthracene | Fluoranthene | Fluorine | Indeno(1,2,3-cd)pyrene | 2-methylanthracene | 3-methylanthracene | 1-methylanthracene | 2-methylanthracene | | | | |
|----------|----------------------------|----------|-----------|-------------|------------------------|------------------|--|--------------------|----------------|----------------|----------|---------------------|----------|----------|------------------------|------------------------|--------------------|-------------------------|---------------------------------|--------------|----------|------------------------|--------------------|--------------------|--------------------|--------------------|----------|----------|----------|----------|
| | | | | | Vapour (V)/Particulate | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 4.17E-08 | 1.14E-06 | 7.81E-07 | 1.71E-06 | 1.42E-07 | 3.60E-07 | 1.23E-04 | 0.00E+00 | 1.56E-07 | 0.00E+00 | 0.00E+00 | 1.11E-06 | 5.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-06 | 1.29E-06 | 3.11E-07 | 0.00E+00 | 0.00E+00 | 4.06E-06 | 2.25E-05 |
| 276 | Farm E | 679277.0 | 4859981.5 | | 1.06E-04 | 2.90E-03 | 1.98E-03 | 4.33E-03 | 3.61E-04 | 9.14E-04 | 0.31 | 0.00E+00 | 3.95E-04 | 0.00E+00 | 2.81E-03 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.36E-03 | 3.28E-03 | 7.91E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.06 | | | | |
| 277 | Residence | 679387.2 | 4860648.9 | | 2.05E-04 | 5.60E-03 | 3.83E-03 | 8.36E-03 | 6.97E-04 | 1.76E-03 | 0.60 | 0.00E+00 | 7.63E-04 | 0.00E+00 | 5.43E-03 | 2.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.42E-03 | 6.34E-03 | 1.53E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.11 | | | | |
| 278 | Farm F | 679261.9 | 4860574.2 | | 2.19E-04 | 6.00E-03 | 4.10E-03 | 8.96E-03 | 7.46E-04 | 1.89E-03 | 0.65 | 0.00E+00 | 8.18E-04 | 0.00E+00 | 5.81E-03 | 2.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.03E-03 | 6.79E-03 | 1.64E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.12 | | | | |
| 279 | Residence | 680150.7 | 4861295.7 | | 1.26E-04 | 3.46E-03 | 2.37E-03 | 5.17E-03 | 4.30E-04 | 1.09E-03 | 0.37 | 0.00E+00 | 4.72E-04 | 0.00E+00 | 3.35E-03 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.20E-03 | 3.91E-03 | 9.43E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.07 | | | | |
| 280 | Residence | 679939.8 | 4861213.4 | | 1.39E-04 | 3.80E-03 | 2.60E-03 | 5.68E-03 | 4.73E-04 | 1.20E-03 | 0.41 | 0.00E+00 | 5.18E-04 | 0.00E+00 | 3.68E-03 | 1.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-03 | 4.30E-03 | 1.04E-03 | 0.00E+00 | 0.00E+00 | 0.01 | 0.07 | | | | |
| 281 | Farm G | 680855.7 | 4861456.9 | | 1.53E-04 | 4.18E-03 | 2.86E-03 | 6.25E-03 | 5.21E-04 | 1.32E-03 | 0.45 | 0.00E+00 | 5.71E-04 | 0.00E+00 | 4.06E-03 | 1.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.30E-03 | 4.74E-03 | 1.14E-03 | 0.00E+00 | 0.00E+00 | 0.01 | 0.08 | | | | |
| 282 | Farm H | 681386.2 | 4861673.3 | | 2.29E-04 | 6.28E-03 | 4.30E-03 | 9.38E-03 | 7.81E-04 | 1.98E-03 | 0.68 | 0.00E+00 | 8.56E-04 | 0.00E+00 | 6.09E-03 | 2.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.45E-03 | 7.11E-03 | 1.71E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.12 | | | | |
| 283 | Residence | 680683.5 | 4861597.9 | | 1.36E-04 | 3.72E-03 | 2.55E-03 | 5.56E-03 | 4.63E-04 | 1.17E-03 | 0.40 | 0.00E+00 | 5.08E-04 | 0.00E+00 | 3.61E-03 | 1.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.60E-03 | 4.21E-03 | 1.02E-03 | 0.00E+00 | 0.00E+00 | 0.01 | 0.07 | | | | |
| 284 | Business | 680064.3 | 4861343.7 | | 1.29E-04 | 3.53E-03 | 2.41E-03 | 5.27E-03 | 4.39E-04 | 1.11E-03 | 0.38 | 0.00E+00 | 4.81E-04 | 0.00E+00 | 3.42E-03 | 1.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.31E-03 | 3.99E-03 | 9.62E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.07 | | | | |
| 285 | Farm I | 679680.1 | 4861213.5 | | 1.55E-04 | 4.24E-03 | 2.90E-03 | 6.34E-03 | 5.28E-04 | 1.34E-03 | 0.46 | 0.00E+00 | 5.78E-04 | 0.00E+00 | 4.11E-03 | 1.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.38E-03 | 4.80E-03 | 1.16E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.08 | | | | |
| 286 | Farm J | 681344.8 | 4861792.9 | | 2.19E-04 | 5.99E-03 | 4.10E-03 | 8.95E-03 | 7.46E-04 | 1.89E-03 | 0.65 | 0.00E+00 | 8.17E-04 | 0.00E+00 | 5.81E-03 | 2.62E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.02E-03 | 6.78E-03 | 1.63E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.12 | | | | |
| 287 | Youth Centre | 685644.2 | 4864814.8 | | 7.45E-05 | 2.04E-03 | 1.39E-03 | 3.05E-03 | 2.54E-04 | 6.42E-04 | 0.22 | 0.00E+00 | 2.78E-04 | 0.00E+00 | 1.98E-03 | 8.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-03 | 2.31E-03 | 5.56E-04 | 0.00E+00 | 0.00E+00 | 7.24E-03 | 0.04 | | | | |
| 288 | Bowmanville Arena | 685462.9 | 4864615.2 | | 7.55E-05 | 2.07E-03 | 1.41E-03 | 3.09E-03 | 2.57E-04 | 6.51E-04 | 0.22 | 0.00E+00 | 2.82E-04 | 0.00E+00 | 2.00E-03 | 9.04E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.11E-03 | 2.34E-03 | 5.64E-04 | 0.00E+00 | 0.00E+00 | 7.34E-03 | 0.04 | | | | |
| 289 | Bowmanville Rec Complex | 684160.3 | 4864604.5 | | 8.40E-05 | 2.30E-03 | 1.57E-03 | 3.43E-03 | 2.86E-04 | 7.24E-04 | 0.25 | 0.00E+00 | 3.14E-04 | 0.00E+00 | 2.23E-03 | 1.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.46E-03 | 2.60E-03 | 6.27E-04 | 0.00E+00 | 0.00E+00 | 8.17E-03 | 0.05 | | | | |
| 290 | Recreation Complex | 684586.6 | 4862406.3 | | 9.43E-05 | 2.58E-03 | 1.77E-03 | 3.86E-03 | 3.21E-04 | 8.13E-04 | 0.28 | 0.00E+00 | 3.52E-04 | 0.00E+00 | 2.50E-03 | 1.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.88E-03 | 2.92E-03 | 7.04E-04 | 0.00E+00 | 0.00E+00 | 9.17E-03 | 0.05 | | | | |
| 291 | Superdog Central | 681487.7 | 4865723.3 | | 5.27E-05 | 1.44E-03 | 9.87E-04 | 2.16E-03 | 1.80E-04 | 4.55E-04 | 0.16 | 0.00E+00 | 1.97E-04 | 0.00E+00 | 1.40E-03 | 6.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.17E-03 | 1.63E-03 | 3.94E-04 | 0.00E+00 | 0.00E+00 | 5.13E-03 | 0.03 | | | | |
| 292 | Equestrian Centre | 681567.1 | 4863670.7 | | 9.26E-05 | 2.53E-03 | 1.73E-03 | 3.79E-03 | 3.15E-04 | 7.99E-04 | 0.27 | 0.00E+00 | 3.46E-04 | 0.00E+00 | 2.46E-03 | 1.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.81E-03 | 2.87E-03 | 6.91E-04 | 0.00E+00 | 0.00E+00 | 9.00E-03 | 0.05 | | | | |
| 293 | Flea Market | 678574.6 | 4862819.4 | | 6.81E-05 | 1.86E-03 | 1.27E-03 | 2.78E-03 | 2.32E-04 | 5.87E-04 | 0.20 | 0.00E+00 | 2.54E-04 | 0.00E+00 | 1.81E-03 | 8.16E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.80E-03 | 2.11E-03 | 5.08E-04 | 0.00E+00 | 0.00E+00 | 6.62E-03 | 0.04 | | | | |
| 294 | Equestrian Centre | 680030.8 | 4867320.2 | | 3.70E-05 | 1.01E-03 | 6.93E-04 | 1.51E-03 | 1.26E-04 | 3.19E-04 | 0.11 | 0.00E+00 | 1.38E-04 | 0.00E+00 | 9.82E-04 | 4.43E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.52E-03 | 1.15E-03 | 2.76E-04 | 0.00E+00 | 0.00E+00 | 3.60E-03 | 0.02 | | | | |
| 295 | Courtice Community Complex | 678099.3 | 4864629.8 | | 4.23E-05 | 1.16E-03 | 7.91E-04 | 1.73E-03 | 1.44E-04 | 3.64E-04 | 0.12 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 1.12E-03 | 5.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.74E-03 | 1.31E-03 | 3.15E-04 | 0.00E+00 | 0.00E+00 | 4.11E-03 | 0.02 | | | | |
| 296 | Former Restaurant | 679830.2 | 4860702.2 | | 1.23E-04 | 3.36E-03 | 2.30E-03 | 5.03E-03 | 4.19E-04 | 1.06E-03 | 0.36 | 0.00E+00 | 4.59E-04 | 0.00E+00 | 3.26E-03 | 1.47E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.06E-03 | 3.81E-03 | 9.18E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.07 | | | | |
| 297 | Commercial | 679364.8 | 4861016.0 | | 1.65E-04 | 4.51E-03 | 3.09E-03 | 6.74E-03 | 5.61E-04 | 1.42E-03 | 0.49 | 0.00E+00 | 6.15E-04 | 0.00E+00 | 4.37E-03 | 1.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.79E-03 | 5.11E-03 | 1.23E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.09 | | | | |
| 298 | GM Oshawa Headquarters | 676418.3 | 4860463.7 | | 9.00E-05 | 2.46E-03 | 1.69E-03 | 3.68E-03 | 3.07E-04 | 7.76E-04 | 0.27 | 0.00E+00 | 3.36E-04 | 0.00E+00 | 2.39E-03 | 1.08E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.71E-03 | 2.79E-03 | 6.72E-04 | 0.00E+00 | 0.00E+00 | 8.75E-03 | 0.05 | | | | |
| 299 | Farm K | 682972.3 | 4862201.9 | | 1.45E-04 | 3.97E-03 | 2.71E-03 | 5.93E-03 | 4.94E-04 | 1.25E-03 | 0.43 | 0.00E+00 | 5.41E-04 | 0.00E+00 | 3.85E-03 | 1.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.97E-03 | 4.49E-03 | 1.08E-03 | 0.00E+00 | 0.00E+00 | 0.01 | 0.08 | | | | |
| 300 | Farm L | 683546.9 | 4861959.7 | | 1.29E-04 | 3.54E-03 | 2.42E-03 | 5.29E-03 | 4.40E-04 | 1.11E-03 | 0.38 | 0.00E+00 | 4.83E-04 | 0.00E+00 | 3.43E-03 | 1.55E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.32E-03 | 4.01E-03 | 9.65E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.07 | | | | |
| 301 | Farm M | 682547.5 | 4862321.1 | | 1.73E-04 | 4.72E-03 | 3.23E-03 | 7.06E-03 | 5.88E-04 | 1.49E-03 | 0.51 | 0.00E+00 | 6.44E-04 | 0.00E+00 | 4.58E-03 | 2.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.11E-03 | 5.35E-03 | 1.29E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.09 | | | | |
| 302 | Farm N | 683238.3 | 4862393.3 | | 1.30E-04 | 3.56E-03 | 2.44E-03 | 5.32E-03 | 4.43E-04 | 1.12E-03 | 0.38 | 0.00E+00 | 4.86E-04 | 0.00E+00 | 3.45E-03 | 1.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.36E-03 | 4.03E-03 | 9.71E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.07 | | | | |
| 303 | Farm O | 682512.6 | 4862858.0 | | 1.63E-04 | 4.45E-03 | 3.05E-03 | 6.66E-03 | 5.54E-04 | 1.40E-03 | 0.48 | 0.00E+00 | 6.08E-04 | 0.00E+00 | 4.32E-03 | 1.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.70E-03 | 5.04E-03 | 1.22E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.09 | | | | |
| 304 | Farm P | 683129.1 | 4863649.4 | | 1.21E-04 | 3.30E-03 | 2.26E-03 | 4.93E-03 | 4.11E-04 | 1.04E-03 | 0.36 | 0.00E+00 | 4.50E-04 | 0.00E+00 | 3.20E-03 | 1.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.96E-03 | 3.74E-03 | 9.00E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.06 | | | | |
| 305 | Bennett 1 | 688209.3 | 4862512.1 | | 6.48E-05 | 1.77E-03 | 1.21E-03 | 2.65E-03 | 2.21E-04 | 5.59E-04 | 0.19 | 0.00E+00 | 2.42E-04 | 0.00E+00 | 1.72E-03 | 7.76E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.67E-03 | 2.01E-03 | 4.84E-04 | 0.00E+00 | 0.00E+00 | 6.30E-03 | 0.03 | | | | |
| 306 | Bennett 2 | 687990.0 | 4863221.3 | | 5.61E-05 | 1.53E-03 | 1.05E-03 | 2.29E-03 | 1.91E-04 | 4.84E-04 | 0.17 | 0.00E+00 | 2.09E-04 | 0.00E+00 | 1.49E-03 | 6.72E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.31E-03 | 1.74E-03 | 4.19E-04 | 0.00E+00 | 0.00E+00 | 5.45E-03 | 0.03 | | | | |
| 307 | Bennett 3 | 688818.4 | 4862836.3 | | 5.47E-05 | 1.50E-03 | 1.02E-03 | 2.24E-03 | 1.86E-04 | 4.71E-04 | 0.16 | 0.00E+00 | 2.04E-04 | 0.00E+00 | 1.45E-03 | 6.55E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.25E-03 | 1.69E-03 | 4.08E-04 | 0.00E+00 | 0.00E+00 | 5.31E-03 | 0.03 | | | | |
| 308 | Bennett 4 | 689045.1 | 4863365.5 | | 5.33E-05 | 1.46E-03 | 9.99E-04 | 2.18E-03 | 1.82E-04 | 4.60E-04 | 0.16 | 0.00E+00 | 1.99E-04 | 0.00E+00 | 1.42E-03 | 6.39E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.20E-03 | 1.65E-03 | 3.98E-04 | 0.00E+00 | 0.00E+00 | 5.19E-03 | 0.03 | | | | |
| 309 | Bennett 5 | 688270.5 | 4863763.1 | | 5.73E-05 | 1.57E-03 | 1.07E-03 | 2.34E-03 | 1.95E-04 | 4.94E-04 | 0.17 | 0.00E+00 | 2.14E-04 | 0.00E+00 | 1.52E-03 | 6.87E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.36E-03 | 1.78E-03 | 4.28E-04 | 0.00E+00 | 0.00E+00 | 5.57E-03 | 0.03 | | | | |
| 310 | Bennett 6 | 689908.5 | 4863100.5 | | 4.88E-05 | 1.34E-03 | 9.14E-04 | 2.00E-03 | 1.66E-04 | 4.21E-04 | 0.14 | 0.00E+00 | 1.82E-04 | 0.00E+00 | 1.30E-03 | 5.85E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.01E-03 | 1.51E-03 | | | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Benzo(k)fluoranthene | Benzo(a)fluorene | Benzo(b)fluorene | Benzo(ghi)perylene | Benzo(a)pyrene | Benzo(e)pyrene | Biphenyl | 2-chloronaphthalene | Chrysene | Coronene | Dibenzo(a,h)anthracene | Dibenzo(a,j)anthracene | Dibenzo(a,e)pyrene | 9,10-dimethylanthracene | 7,12-dimethylbenzo(a)anthracene | Fluoranthene | Fluorine | Indeno(1,2,3-cd)pyrene | 2-methylanthracene | 3-methylanthracene | 1-methylanthracene | 2-methylanthracene | | | | |
|----------|------------------|----------|-----------|-------------|------------------------|------------------|--|--------------------|----------------|----------------|----------|---------------------|----------|----------|------------------------|------------------------|--------------------|-------------------------|---------------------------------|--------------|----------|------------------------|--------------------|--------------------|--------------------|--------------------|----------|----------|----------|----------|
| | | | | | Vapour (V)/Particulate | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 4.17E-08 | 1.14E-06 | 7.81E-07 | 1.71E-06 | 1.42E-07 | 3.60E-07 | 1.23E-04 | 0.00E+00 | 1.56E-07 | 0.00E+00 | 0.00E+00 | 1.11E-06 | 5.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-06 | 1.29E-06 | 3.11E-07 | 0.00E+00 | 0.00E+00 | 4.06E-06 | 2.25E-05 |
| 331 | Upper Tooley 4 | 678898.8 | 4861800.6 | | 1.27E-04 | 3.48E-03 | 2.38E-03 | 5.20E-03 | 4.33E-04 | 1.10E-03 | 0.38 | 0.00E+00 | 4.75E-04 | 0.00E+00 | 3.38E-03 | 1.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.24E-03 | 3.94E-03 | 9.50E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.07 | | | | |
| 332 | Upper Tooley 5 | 680353.5 | 4862156.5 | | 1.41E-04 | 3.85E-03 | 2.63E-03 | 5.75E-03 | 4.79E-04 | 1.21E-03 | 0.42 | 0.00E+00 | 5.25E-04 | 0.00E+00 | 3.73E-03 | 1.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.79E-03 | 4.36E-03 | 1.05E-03 | 0.00E+00 | 0.00E+00 | 0.01 | 0.08 | | | | |
| 333 | Upper Tooley 6 | 679818.1 | 4861625.7 | | 1.14E-04 | 3.13E-03 | 2.14E-03 | 4.68E-03 | 3.90E-04 | 9.86E-04 | 0.34 | 0.00E+00 | 4.27E-04 | 0.00E+00 | 3.04E-03 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.71E-03 | 3.54E-03 | 8.54E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.06 | | | | |
| 334 | Robinson 1 | 678434.8 | 4860943.1 | | 2.01E-04 | 5.49E-03 | 3.76E-03 | 8.20E-03 | 6.83E-04 | 1.73E-03 | 0.59 | 0.00E+00 | 7.49E-04 | 0.00E+00 | 5.32E-03 | 2.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.26E-03 | 6.22E-03 | 1.50E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.11 | | | | |
| 335 | Robinson 2 | 677752.6 | 4861240.6 | | 1.39E-04 | 3.80E-03 | 2.60E-03 | 5.68E-03 | 4.73E-04 | 1.20E-03 | 0.41 | 0.00E+00 | 5.18E-04 | 0.00E+00 | 3.68E-03 | 1.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.72E-03 | 4.30E-03 | 1.04E-03 | 0.00E+00 | 0.00E+00 | 0.01 | 0.07 | | | | |
| 336 | Robinson 3 | 677642.2 | 4861787.2 | | 1.07E-04 | 2.93E-03 | 2.01E-03 | 4.38E-03 | 3.65E-04 | 9.25E-04 | 0.32 | 0.00E+00 | 4.00E-04 | 0.00E+00 | 2.85E-03 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.42E-03 | 3.32E-03 | 8.00E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.06 | | | | |
| 337 | Robinson 4 | 678532.7 | 4862143.6 | | 1.06E-04 | 2.89E-03 | 1.98E-03 | 4.32E-03 | 3.60E-04 | 9.11E-04 | 0.31 | 0.00E+00 | 3.94E-04 | 0.00E+00 | 2.80E-03 | 1.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.35E-03 | 3.27E-03 | 7.89E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.06 | | | | |
| 338 | Robinson 5 | 678005.1 | 4862784.9 | | 7.46E-05 | 2.04E-03 | 1.40E-03 | 3.05E-03 | 2.54E-04 | 6.43E-04 | 0.22 | 0.00E+00 | 2.79E-04 | 0.00E+00 | 1.98E-03 | 8.94E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.07E-03 | 2.31E-03 | 5.57E-04 | 0.00E+00 | 0.00E+00 | 7.25E-03 | 0.04 | | | | |
| 339 | Robinson 6 | 677882.7 | 4860587.7 | | 1.61E-04 | 4.41E-03 | 3.02E-03 | 6.59E-03 | 5.49E-04 | 1.39E-03 | 0.48 | 0.00E+00 | 6.01E-04 | 0.00E+00 | 4.27E-03 | 1.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.64E-03 | 4.99E-03 | 1.20E-03 | 0.00E+00 | 0.00E+00 | 0.02 | 0.09 | | | | |
| 340 | F/B 1 | 677443.1 | 4867862.1 | | 3.24E-05 | 8.86E-04 | 6.06E-04 | 1.32E-03 | 1.10E-04 | 2.79E-04 | 0.10 | 0.00E+00 | 1.21E-04 | 0.00E+00 | 8.59E-04 | 3.88E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.33E-03 | 1.00E-03 | 2.42E-04 | 0.00E+00 | 0.00E+00 | 3.15E-03 | 0.02 | | | | |
| 341 | F/B 2 | 679667.4 | 4866611.4 | | 4.16E-05 | 1.14E-03 | 7.80E-04 | 1.70E-03 | 1.42E-04 | 3.59E-04 | 0.12 | 0.00E+00 | 1.55E-04 | 0.00E+00 | 1.10E-03 | 4.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-03 | 1.29E-03 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 4.05E-03 | 0.02 | | | | |
| 342 | F/B 3 | 678655.0 | 4867470.1 | | 3.72E-05 | 1.02E-03 | 6.96E-04 | 1.52E-03 | 1.27E-04 | 3.21E-04 | 0.11 | 0.00E+00 | 1.39E-04 | 0.00E+00 | 9.87E-04 | 4.46E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.53E-03 | 1.15E-03 | 2.78E-04 | 0.00E+00 | 0.00E+00 | 3.62E-03 | 0.02 | | | | |
| 343 | F/B 4 | 676191.2 | 4866844.7 | | 3.07E-05 | 8.41E-04 | 5.75E-04 | 1.26E-03 | 1.05E-04 | 2.65E-04 | 0.09 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 8.15E-04 | 3.68E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-03 | 9.52E-04 | 2.29E-04 | 0.00E+00 | 0.00E+00 | 2.99E-03 | 0.02 | | | | |
| 344 | F/B 5 | 678273.3 | 4866093.0 | | 4.22E-05 | 1.15E-03 | 7.90E-04 | 1.73E-03 | 1.44E-04 | 3.64E-04 | 0.12 | 0.00E+00 | 1.58E-04 | 0.00E+00 | 1.12E-03 | 5.06E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.74E-03 | 1.31E-03 | 3.15E-04 | 0.00E+00 | 0.00E+00 | 4.10E-03 | 0.02 | | | | |
| 345 | F/B 6 | 681241.2 | 4867098.8 | | 4.51E-05 | 1.23E-03 | 8.45E-04 | 1.84E-03 | 1.54E-04 | 3.89E-04 | 0.13 | 0.00E+00 | 1.68E-04 | 0.00E+00 | 1.20E-03 | 5.40E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.86E-03 | 1.40E-03 | 3.37E-04 | 0.00E+00 | 0.00E+00 | 4.39E-03 | 0.02 | | | | |
| 346 | F/B 7 | 682165.3 | 4868082.3 | | 3.78E-05 | 1.04E-03 | 7.09E-04 | 1.55E-03 | 1.29E-04 | 3.26E-04 | 0.11 | 0.00E+00 | 1.41E-04 | 0.00E+00 | 1.00E-03 | 4.53E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.56E-03 | 1.17E-03 | 2.83E-04 | 0.00E+00 | 0.00E+00 | 3.68E-03 | 0.02 | | | | |
| 347 | F/B 8 | 679366.6 | 4868628.3 | | 3.21E-05 | 8.78E-04 | 6.01E-04 | 1.31E-03 | 1.09E-04 | 2.77E-04 | 0.09 | 0.00E+00 | 1.20E-04 | 0.00E+00 | 8.51E-04 | 3.84E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.32E-03 | 9.94E-04 | 2.39E-04 | 0.00E+00 | 0.00E+00 | 3.12E-03 | 0.02 | | | | |
| 348 | F/B 9 | 680310.1 | 4869967.1 | | 2.78E-05 | 7.62E-04 | 5.21E-04 | 1.14E-03 | 9.48E-05 | 2.40E-04 | 0.08 | 0.00E+00 | 1.04E-04 | 0.00E+00 | 7.39E-04 | 3.33E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.15E-03 | 8.63E-04 | 2.08E-04 | 0.00E+00 | 0.00E+00 | 2.71E-03 | 0.01 | | | | |
| 349 | F/B 10 | 676487.3 | 4869291.6 | | 3.09E-05 | 8.46E-04 | 5.79E-04 | 1.26E-03 | 1.05E-04 | 2.67E-04 | 0.09 | 0.00E+00 | 1.15E-04 | 0.00E+00 | 8.21E-04 | 3.71E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.27E-03 | 9.58E-04 | 2.31E-04 | 0.00E+00 | 0.00E+00 | 3.01E-03 | 0.02 | | | | |
| 350 | F/B 11 | 676851.4 | 4865409.3 | | 3.63E-05 | 9.94E-04 | 6.80E-04 | 1.49E-03 | 1.24E-04 | 3.13E-04 | 0.11 | 0.00E+00 | 1.36E-04 | 0.00E+00 | 9.64E-04 | 4.35E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.50E-03 | 1.13E-03 | 2.71E-04 | 0.00E+00 | 0.00E+00 | 3.53E-03 | 0.02 | | | | |
| 351 | F/B 12 | 681153.3 | 4868682.2 | | 3.61E-05 | 9.87E-04 | 6.75E-04 | 1.47E-03 | 1.23E-04 | 3.11E-04 | 0.11 | 0.00E+00 | 1.35E-04 | 0.00E+00 | 9.57E-04 | 4.32E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.49E-03 | 1.12E-03 | 2.69E-04 | 0.00E+00 | 0.00E+00 | 3.51E-03 | 0.02 | | | | |
| 352 | F/B 13 | 675416.3 | 4859833.9 | | 6.35E-05 | 1.74E-03 | 1.19E-03 | 2.59E-03 | 2.16E-04 | 5.47E-04 | 0.19 | 0.00E+00 | 2.37E-04 | 0.00E+00 | 1.68E-03 | 7.60E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.61E-03 | 1.97E-03 | 4.74E-04 | 0.00E+00 | 0.00E+00 | 6.17E-03 | 0.03 | | | | |
| 353 | Second 1 | 675153.4 | 4860552.8 | | 5.98E-05 | 1.64E-03 | 1.12E-03 | 2.45E-03 | 2.04E-04 | 5.16E-04 | 0.18 | 0.00E+00 | 2.23E-04 | 0.00E+00 | 1.59E-03 | 7.17E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.46E-03 | 1.85E-03 | 4.47E-04 | 0.00E+00 | 0.00E+00 | 5.82E-03 | 0.03 | | | | |
| 354 | Second 2 | 675297.5 | 4860891.3 | | 6.59E-05 | 1.80E-03 | 1.23E-03 | 2.70E-03 | 2.25E-04 | 5.69E-04 | 0.19 | 0.00E+00 | 2.46E-04 | 0.00E+00 | 1.75E-03 | 7.90E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.72E-03 | 2.04E-03 | 4.92E-04 | 0.00E+00 | 0.00E+00 | 6.41E-03 | 0.04 | | | | |
| 355 | Second 3 | 675647.2 | 4860644.9 | | 6.96E-05 | 1.90E-03 | 1.30E-03 | 2.85E-03 | 2.37E-04 | 6.00E-04 | 0.21 | 0.00E+00 | 2.60E-04 | 0.00E+00 | 1.85E-03 | 8.34E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.87E-03 | 2.16E-03 | 5.20E-04 | 0.00E+00 | 0.00E+00 | 6.77E-03 | 0.04 | | | | |
| 356 | Second 4 | 675670.5 | 4860076.5 | | 6.52E-05 | 1.79E-03 | 1.22E-03 | 2.67E-03 | 2.22E-04 | 5.63E-04 | 0.19 | 0.00E+00 | 2.44E-04 | 0.00E+00 | 1.73E-03 | 7.82E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.69E-03 | 2.02E-03 | 4.87E-04 | 0.00E+00 | 0.00E+00 | 6.34E-03 | 0.04 | | | | |
| 357 | Second 5 | 676043.3 | 4860319.1 | | 7.53E-05 | 2.06E-03 | 1.41E-03 | 3.08E-03 | 2.57E-04 | 6.50E-04 | 0.22 | 0.00E+00 | 2.81E-04 | 0.00E+00 | 2.00E-03 | 9.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.10E-03 | 2.33E-03 | 5.62E-04 | 0.00E+00 | 0.00E+00 | 7.32E-03 | 0.04 | | | | |
| 358 | Second 6 | 675923.4 | 4859821.4 | | 7.33E-05 | 2.01E-03 | 1.37E-03 | 3.00E-03 | 2.50E-04 | 6.33E-04 | 0.22 | 0.00E+00 | 2.74E-04 | 0.00E+00 | 1.95E-03 | 8.79E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.02E-03 | 2.27E-03 | 5.48E-04 | 0.00E+00 | 0.00E+00 | 7.13E-03 | 0.04 | | | | |
| 359 | McLaughlin Bay 1 | 676714.7 | 4860903.8 | | 1.13E-04 | 3.09E-03 | 2.11E-03 | 4.62E-03 | 3.84E-04 | 9.73E-04 | 0.33 | 0.00E+00 | 4.21E-04 | 0.00E+00 | 2.99E-03 | 1.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.65E-03 | 3.50E-03 | 8.43E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.06 | | | | |
| 360 | McLaughlin Bay 2 | 677310.8 | 4860528.2 | | 1.27E-04 | 3.48E-03 | 2.38E-03 | 5.21E-03 | 4.34E-04 | 1.10E-03 | 0.38 | 0.00E+00 | 4.75E-04 | 0.00E+00 | 3.38E-03 | 1.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.25E-03 | 3.95E-03 | 9.51E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.07 | | | | |
| 361 | McLaughlin Bay 3 | 676563.5 | 4860260.1 | | 8.69E-05 | 2.38E-03 | 1.63E-03 | 3.55E-03 | 2.96E-04 | 7.49E-04 | 0.26 | 0.00E+00 | 3.24E-04 | 0.00E+00 | 2.30E-03 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-03 | 2.69E-03 | 6.48E-04 | 0.00E+00 | 0.00E+00 | 8.44E-03 | 0.05 | | | | |
| 362 | McLaughlin Bay 4 | 676699.5 | 4859696.6 | | 1.00E-04 | 2.74E-03 | 1.88E-03 | 4.10E-03 | 3.42E-04 | 8.65E-04 | 0.30 | 0.00E+00 | 3.74E-04 | 0.00E+00 | 2.66E-03 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-03 | 3.11E-03 | 7.49E-04 | 0.00E+00 | 0.00E+00 | 9.75E-03 | 0.05 | | | | |
| 363 | McLaughlin Bay 5 | 677560.0 | 4860060.1 | | 1.00E-04 | 2.74E-03 | 1.87E-03 | 4.10E-03 | 3.41E-04 | 8.64E-04 | 0.30 | 0.00E+00 | 3.74E-04 | 0.00E+00 | 2.66E-03 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.12E-03 | 3.10E-03 | 7.48E-04 | 0.00E+00 | 0.00E+00 | 9.74E-03 | 0.05 | | | | |
| 364 | McLaughlin Bay 6 | 678204.5 | 4859832.5 | | 8.63E-05 | 2.36E-03 | 1.62E-03 | 3.53E-03 | 2.94E-04 | 7.44E-04 | 0.25 | 0.00E+00 | 3.22E-04 | 0.00E+00 | 2.29E-03 | 1.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.56E-03 | 2.68E-03 | 6.44E-04 | 0.00E+00 | 0.00E+00 | 8.39E-03 | 0.05 | | | | |
| 365 | Harmony Creek 1 | 674178.3 | 4861024.2 | | 4.70E-05 | 1.28E-03 | 8.79E-04 | 1.92E-03 | 1.60E-04 | 4.05E-04 | 0.14 | 0.00E+00 | 1.75E-04 | 0.00E+00 | 1.25E | | | | | | | | | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Benzo(k)fluoranthene | Benzo(a)fluorene | Benzo(b)fluorene | Benzo(ghi)perylene | Benzo(a)pyrene | Benzo(e)pyrene | Biphenyl | 2-chloronaphthalene | Chrysene | Coronene | Dibenzo(a,c)anthracene | Dibenzo(a,h)anthracene | Dibenzo(a,e)pyrene | 9,10-dimethylanthracene | 7,12-dimethylbenzo(a)anthracene | Fluoranthene | Fluorine | Indeno(1,2,3-cd)pyrene | 2-methylanthracene | 3-methylanthracene | 1-methylnaphthalene | 2-methylnaphthalene | | | |
|----------|-------------------|----------|-----------|------------------------|----------------------|--|------------------|--------------------|----------------|----------------|----------|---------------------|----------|----------|------------------------|------------------------|--------------------|-------------------------|---------------------------------|--------------|----------|------------------------|--------------------|--------------------|---------------------|---------------------|----------|----------|----------|
| | | | | Vapour (V)/Particulate | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 4.17E-08 | 1.14E-06 | 7.81E-07 | 1.71E-06 | 1.42E-07 | 3.60E-07 | 1.23E-04 | 0.00E+00 | 1.56E-07 | 0.00E+00 | 1.11E-06 | 5.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-06 | 1.29E-06 | 3.11E-07 | 0.00E+00 | 0.00E+00 | 4.06E-06 | 2.25E-05 |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | 3.99E-05 | 1.09E-03 | 7.47E-04 | 1.63E-03 | 1.36E-04 | 3.44E-04 | 0.12 | 0.00E+00 | 1.49E-04 | 0.00E+00 | 1.06E-03 | 4.78E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.64E-03 | 1.24E-03 | 2.98E-04 | 0.00E+00 | 0.00E+00 | 3.88E-03 | 0.02 | | | |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | 3.54E-05 | 9.67E-04 | 6.62E-04 | 1.45E-03 | 1.20E-04 | 3.05E-04 | 0.10 | 0.00E+00 | 1.32E-04 | 0.00E+00 | 9.38E-04 | 4.24E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.46E-03 | 1.10E-03 | 2.64E-04 | 0.00E+00 | 0.00E+00 | 3.44E-03 | 0.02 | | | |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | 3.96E-05 | 1.08E-03 | 7.41E-04 | 1.62E-03 | 1.35E-04 | 3.41E-04 | 0.12 | 0.00E+00 | 1.48E-04 | 0.00E+00 | 1.05E-03 | 4.74E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.63E-03 | 1.23E-03 | 2.96E-04 | 0.00E+00 | 0.00E+00 | 3.85E-03 | 0.02 | | | |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | 4.49E-05 | 1.23E-03 | 8.41E-04 | 1.84E-03 | 1.53E-04 | 3.87E-04 | 0.13 | 0.00E+00 | 1.68E-04 | 0.00E+00 | 1.19E-03 | 5.38E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.85E-03 | 1.39E-03 | 3.35E-04 | 0.00E+00 | 0.00E+00 | 4.37E-03 | 0.02 | | | |
| 390 | Farm Q | 677409.8 | 4861051.4 | | 1.50E-04 | 4.12E-03 | 2.82E-03 | 6.15E-03 | 5.12E-04 | 1.30E-03 | 0.44 | 0.00E+00 | 5.61E-04 | 0.00E+00 | 3.99E-03 | 1.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.20E-03 | 4.66E-03 | 1.12E-03 | 0.00E+00 | 0.00E+00 | 0.01 | 0.08 | | | |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | 5.65E-05 | 1.55E-03 | 1.06E-03 | 2.31E-03 | 1.93E-04 | 4.88E-04 | 0.17 | 0.00E+00 | 2.11E-04 | 0.00E+00 | 1.50E-03 | 6.77E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.33E-03 | 1.75E-03 | 4.22E-04 | 0.00E+00 | 0.00E+00 | 5.50E-03 | 0.03 | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | 1- methylp | 9- methylp | Naphthale | Perylene | Phenanthr | Picene | Pyrene | Quinoline | Tetralin | Triphenyle | O- terphenyl | M- terphenyl | P- terphenyl | Volatile Organic Chemicals (VOC) | Acetaldehy | Acetone | Acrolein | Benzene | Bromodich | Bromofo | Bromomet | Butadiene, | | | | |
|----------|----------------------------|----------|-----------|--|-----------------------|------------|-----------|----------|-----------|----------|----------|-----------|----------|------------|--------------|--------------|--------------|----------------------------------|------------|----------|----------|----------|-----------|----------|----------|------------|-----------|-----|------|------|
| | | | | | nanthrene | nanthrene | ne | | ene | | | | ne | | | | ne | | | | | | de | | | | lorometha | rom | hane | 1,3- |
| | | | | | Vapour (V)/Particulat | V | V | V | V | V | V | V | V | V | V | V | V | | V | V | V | V | | V | V | V | V | V | V | V |
| | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 0.00E+00 | 0.00E+00 | 1.75E-05 | 6.24E-08 | 3.91E-06 | 0.00E+00 | 2.07E-06 | 0.00E+00 | 2.06E-05 | 0.00E+00 | 3.38E-06 | 0.00E+00 | 0.00E+00 | | 2.99E-08 | 0.00E+00 | 0.00E+00 | 1.28E-03 | 0.01 | 2.85E-03 | 1.49E-03 | 0.00E+00 | | | | |
| 1 | Campground 10 | 678526.8 | 485996.8 | | 0.00E+00 | 0.00E+00 | 0.05 | 1.63E-04 | 0.01 | 0.00E+00 | 5.43E-03 | 0.00E+00 | 0.05 | 0.00E+00 | 8.85E-03 | 0.00E+00 | 0.00E+00 | | 7.83E-05 | 0.00E+00 | 0.00E+00 | 3.35 | 27.32 | 7.47 | 3.90 | 0.00E+00 | | | | |
| 2 | ECO 2 | 675490.4 | 4860360.1 | | 0.00E+00 | 0.00E+00 | 0.03 | 9.83E-05 | 6.16E-03 | 0.00E+00 | 3.27E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.32E-03 | 0.00E+00 | 0.00E+00 | | 4.71E-05 | 0.00E+00 | 0.00E+00 | 2.02 | 16.43 | 4.49 | 2.34 | 0.00E+00 | | | | |
| 3 | Recreational 5 | 681642.0 | 4860349.3 | | 0.00E+00 | 0.00E+00 | 0.07 | 2.49E-04 | 0.02 | 0.00E+00 | 8.28E-03 | 0.00E+00 | 0.08 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.19E-04 | 0.00E+00 | 0.00E+00 | 5.12 | 41.66 | 11.39 | 5.94 | 0.00E+00 | | | | |
| 4 | ECO 4 | 676831.5 | 4859840.9 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.37E-04 | 8.61E-03 | 0.00E+00 | 4.57E-03 | 0.00E+00 | 0.05 | 0.00E+00 | 7.44E-03 | 0.00E+00 | 0.00E+00 | | 6.58E-05 | 0.00E+00 | 0.00E+00 | 2.82 | 22.97 | 6.28 | 3.27 | 0.00E+00 | | | | |
| 5 | Bow. Valley Cons. 3 | 685767.2 | 4863879.0 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.04E-04 | 6.52E-03 | 0.00E+00 | 3.46E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.64E-03 | 0.00E+00 | 0.00E+00 | | 4.99E-05 | 0.00E+00 | 0.00E+00 | 2.14 | 17.39 | 4.76 | 2.48 | 0.00E+00 | | | | |
| 6 | ECO 6 | 679647.8 | 4859989.3 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.14E-04 | 7.14E-03 | 0.00E+00 | 3.79E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.17E-03 | 0.00E+00 | 0.00E+00 | | 5.46E-05 | 0.00E+00 | 0.00E+00 | 2.34 | 19.05 | 5.21 | 2.72 | 0.00E+00 | | | | |
| 7 | ECO 7 | 681578.8 | 4862070.1 | | 0.00E+00 | 0.00E+00 | 0.10 | 3.43E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.11 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.65E-04 | 0.00E+00 | 0.00E+00 | 7.05 | 57.39 | 15.70 | 8.18 | 0.00E+00 | | | | |
| 8 | ECO 8 | 679735.5 | 4861048.6 | | 0.00E+00 | 0.00E+00 | 0.07 | 2.42E-04 | 0.02 | 0.00E+00 | 8.05E-03 | 0.00E+00 | 0.08 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.16E-04 | 0.00E+00 | 0.00E+00 | 4.97 | 40.49 | 11.07 | 5.77 | 0.00E+00 | | | | |
| 9 | ECO 9 | 687219.7 | 4864249.3 | | 0.00E+00 | 0.00E+00 | 0.02 | 8.73E-05 | 5.47E-03 | 0.00E+00 | 2.90E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 4.73E-03 | 0.00E+00 | 0.00E+00 | | 4.19E-05 | 0.00E+00 | 0.00E+00 | 1.79 | 14.60 | 3.99 | 2.08 | 0.00E+00 | | | | |
| 10 | ECO 10 | 686519.0 | 4861987.6 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.27E-04 | 7.97E-03 | 0.00E+00 | 4.23E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.90E-03 | 0.00E+00 | 0.00E+00 | | 6.10E-05 | 0.00E+00 | 0.00E+00 | 2.61 | 21.28 | 5.82 | 3.03 | 0.00E+00 | | | | |
| 11 | ECO 11 | 679870.4 | 4859737.9 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.60E-05 | 4.14E-03 | 0.00E+00 | 2.20E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.58E-03 | 0.00E+00 | 0.00E+00 | | 3.17E-05 | 0.00E+00 | 0.00E+00 | 1.36 | 11.04 | 3.02 | 1.57 | 0.00E+00 | | | | |
| 12 | Recreational 4 | 681575.5 | 4860557.7 | | 0.00E+00 | 0.00E+00 | 0.07 | 2.37E-04 | 0.01 | 0.00E+00 | 7.89E-03 | 0.00E+00 | 0.08 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.14E-04 | 0.00E+00 | 0.00E+00 | 4.87 | 39.67 | 10.85 | 5.66 | 0.00E+00 | | | | |
| 13 | Future Industrial 9 | 680704.5 | 4859857.8 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.38E-04 | 8.64E-03 | 0.00E+00 | 4.59E-03 | 0.00E+00 | 0.05 | 0.00E+00 | 7.48E-03 | 0.00E+00 | 0.00E+00 | | 6.61E-05 | 0.00E+00 | 0.00E+00 | 2.83 | 23.07 | 6.31 | 3.29 | 0.00E+00 | | | | |
| 14 | Future Industrial 10 | 680608.0 | 4860719.6 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.20E-04 | 7.49E-03 | 0.00E+00 | 3.98E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.48E-03 | 0.00E+00 | 0.00E+00 | | 5.73E-05 | 0.00E+00 | 0.00E+00 | 2.46 | 20.00 | 5.47 | 2.85 | 0.00E+00 | | | | |
| 15 | Harmony Creek | 673992.4 | 4865641.4 | | 0.00E+00 | 0.00E+00 | 0.01 | 4.64E-05 | 2.91E-03 | 0.00E+00 | 1.54E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 2.52E-03 | 0.00E+00 | 0.00E+00 | | 2.23E-05 | 0.00E+00 | 0.00E+00 | 0.95 | 7.77 | 2.12 | 1.11 | 0.00E+00 | | | | |
| 16 | Farewell Creek | 678079.2 | 4868822.7 | | 0.00E+00 | 0.00E+00 | 0.01 | 4.69E-05 | 2.94E-03 | 0.00E+00 | 1.56E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 2.54E-03 | 0.00E+00 | 0.00E+00 | | 2.25E-05 | 0.00E+00 | 0.00E+00 | 0.96 | 7.84 | 2.14 | 1.12 | 0.00E+00 | | | | |
| 17 | Farm A | 681378.6 | 4860335.0 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.22E-04 | 0.01 | 0.00E+00 | 7.36E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.06E-04 | 0.00E+00 | 0.00E+00 | 4.55 | 37.04 | 10.13 | 5.28 | 0.00E+00 | | | | |
| 18 | Farm B | 682883.4 | 4864219.7 | | 0.00E+00 | 0.00E+00 | 0.05 | 1.71E-04 | 0.01 | 0.00E+00 | 5.68E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 9.26E-03 | 0.00E+00 | 0.00E+00 | | 8.19E-05 | 0.00E+00 | 0.00E+00 | 3.51 | 28.59 | 7.82 | 4.08 | 0.00E+00 | | | | |
| 19 | Farm C | 678929.2 | 4865530.2 | | 0.00E+00 | 0.00E+00 | 0.02 | 7.43E-05 | 4.66E-03 | 0.00E+00 | 2.47E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 4.03E-03 | 0.00E+00 | 0.00E+00 | | 3.56E-05 | 0.00E+00 | 0.00E+00 | 1.53 | 12.43 | 3.40 | 1.77 | 0.00E+00 | | | | |
| 20 | Zoo | 687216.8 | 4864835.3 | | 0.00E+00 | 0.00E+00 | 0.02 | 8.68E-05 | 5.44E-03 | 0.00E+00 | 2.89E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 4.70E-03 | 0.00E+00 | 0.00E+00 | | 4.16E-05 | 0.00E+00 | 0.00E+00 | 1.78 | 14.51 | 3.97 | 2.07 | 0.00E+00 | | | | |
| 21 | Cedar Crest Beach | 686652.1 | 4861660.9 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.52E-04 | 9.55E-03 | 0.00E+00 | 5.07E-03 | 0.00E+00 | 0.05 | 0.00E+00 | 8.26E-03 | 0.00E+00 | 0.00E+00 | | 7.31E-05 | 0.00E+00 | 0.00E+00 | 3.13 | 25.49 | 6.97 | 3.63 | 0.00E+00 | | | | |
| 22 | Darlington Prov Park Beach | 677844.6 | 4859718.2 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.20E-04 | 7.51E-03 | 0.00E+00 | 3.99E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.50E-03 | 0.00E+00 | 0.00E+00 | | 5.75E-05 | 0.00E+00 | 0.00E+00 | 2.46 | 20.04 | 5.48 | 2.86 | 0.00E+00 | | | | |
| 23 | OPG 1 | 682258.1 | 4860045.0 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.24E-04 | 0.01 | 0.00E+00 | 7.43E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.07E-04 | 0.00E+00 | 0.00E+00 | 4.59 | 37.38 | 10.22 | 5.33 | 0.00E+00 | | | | |
| 24 | OPG 2 | 682551.4 | 4859889.1 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.26E-04 | 0.01 | 0.00E+00 | 7.50E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.08E-04 | 0.00E+00 | 0.00E+00 | 4.63 | 37.73 | 10.32 | 5.38 | 0.00E+00 | | | | |
| 25 | OPG 3 | 682824.6 | 4859759.3 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.30E-04 | 0.01 | 0.00E+00 | 7.64E-03 | 0.00E+00 | 0.08 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.10E-04 | 0.00E+00 | 0.00E+00 | 4.72 | 38.41 | 10.50 | 5.48 | 0.00E+00 | | | | |
| 26 | OPG 4 | 683021.6 | 4859937.3 | | 0.00E+00 | 0.00E+00 | 0.07 | 2.38E-04 | 0.01 | 0.00E+00 | 7.90E-03 | 0.00E+00 | 0.08 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.14E-04 | 0.00E+00 | 0.00E+00 | 4.88 | 39.72 | 10.86 | 5.66 | 0.00E+00 | | | | |
| 27 | OPG 5 | 683318.2 | 4859677.8 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.03E-04 | 0.01 | 0.00E+00 | 6.75E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.73E-05 | 0.00E+00 | 0.00E+00 | 4.17 | 33.96 | 9.29 | 4.84 | 0.00E+00 | | | | |
| 28 | OPG 6 | 683306.9 | 4860023.0 | | 0.00E+00 | 0.00E+00 | 0.07 | 2.34E-04 | 0.01 | 0.00E+00 | 7.78E-03 | 0.00E+00 | 0.08 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.12E-04 | 0.00E+00 | 0.00E+00 | 4.80 | 39.12 | 10.70 | 5.58 | 0.00E+00 | | | | |
| 29 | OPG 7 | 683718.6 | 4859915.8 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.10E-04 | 0.01 | 0.00E+00 | 6.97E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.00E-04 | 0.00E+00 | 0.00E+00 | 4.30 | 35.05 | 9.58 | 5.00 | 0.00E+00 | | | | |
| 30 | OPG 8 | 682702.0 | 4859998.6 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.31E-04 | 0.01 | 0.00E+00 | 7.67E-03 | 0.00E+00 | 0.08 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.11E-04 | 0.00E+00 | 0.00E+00 | 4.74 | 38.59 | 10.55 | 5.50 | 0.00E+00 | | | | |
| 31 | OPG 9 | 684347.7 | 4861184.6 | | 0.00E+00 | 0.00E+00 | 0.05 | 1.91E-04 | 0.01 | 0.00E+00 | 6.34E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.14E-05 | 0.00E+00 | 0.00E+00 | 3.92 | 31.89 | 8.72 | 4.55 | 0.00E+00 | | | | |
| 32 | OPG 10 | 682157.2 | 4861228.2 | | 0.00E+00 | 0.00E+00 | 0.07 | 2.55E-04 | 0.02 | 0.00E+00 | 8.48E-03 | 0.00E+00 | 0.08 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.22E-04 | 0.00E+00 | 0.00E+00 | 5.24 | 42.66 | 11.67 | 6.08 | 0.00E+00 | | | | |
| 33 | St Marys 1 | 684557.0 | 4861070.0 | | 0.00E+00 | 0.00E+00 | 0.06 | 1.98E-04 | 0.01 | 0.00E+00 | 6.59E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.50E-05 | 0.00E+00 | 0.00E+00 | 4.07 | 33.12 | 9.06 | 4.72 | 0.00E+00 | | | | |
| 34 | St Marys 2 | 684657.3 | 4861320.8 | | 0.00E+00 | 0.00E+00 | 0.05 | 1.73E-04 | 0.01 | 0.00E+00 | 5.75E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 9.38E-03 | 0.00E+00 | 0.00E+00 | | 8.29E-05 | 0.00E+00 | 0.00E+00 | 3.55 | 28.93 | 7.91 | 4.13 | 0.00E+00 | | | | |
| 35 | St Marys 3 | 684905.3 | 4861154.4 | | 0.00E+00 | 0.00E+00 | 0.05 | 1.71E-04 | 0.01 | 0.00E+00 | 5.67E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 9.24E-03 | 0.00E+00 | 0.00E+00 | | 8.17E-05 | 0.00E+00 | 0.00E+00 | 3.50 | 28.52 | 7.80 | 4.07 | 0.00E+00 | | | | |
| 36 | Court. Subdivision 1 | 677328.4 | 4862976.1 | | 0.00E+00 | 0.00E+00 | 0.03 | 9.35E-05 | 5.85E-03 | 0.00E+00 | 3.11E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.06E-03 | 0.00E+00 | 0.00E+00 | | 4.48E-05 | 0.00E+00 | 0.00E+00 | 1.92 | 15.63 | 4.27 | 2.23 | 0.00E+00 | | | | |
| 37 | Court. Subdivision 2 | 676187.9 | 4862611.1 | | 0.00E+00 | 0.00E+00 | 0.03 | 9.91E-05 | 6.21E-03 | 0.00E+00 | 3.30E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.37E-03 | 0.00E+00 | 0.00E+00 | | 4.75E-05 | 0.00E+00 | 0.00E+00 | 2.03 | 16.57 | 4.53 | 2.36 | 0.00E+00 | | | | |
| 38 | Court. Subdivision 3 | 675974.8 | 4863484.1 | | 0.00E+00 | 0.00E+00 | 0.02 | 7.47E-05 | 4.68E-03 | 0.00E+00 | 2.48E-03 | 0.00E+00 | 0.02 | | | | | | | | | | | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | 1-methylphenanthrene | 9-methylphenanthrene | Naphthalene | Perylene | Phenanthrene | Picene | Pyrene | Quinoline | Tetralin | Triphenylene | O-terphenyl | M-terphenyl | P-terphenyl | Volatile Organic Chemicals (VOC) | Acetaldehyde | Acetone | Acrolein | Benzene | Bromodichloromethane | Bromoform | Bromomethane | Butadiene, 1,3- | | | | | |
|----------|--------------------------|----------|-----------|-------------|------------------------|----------------------|--|----------|--------------|----------|----------|-----------|----------|--------------|-------------|-------------|-------------|----------------------------------|--------------|----------|----------|----------|----------------------|-----------|--------------|-----------------|------|----------|----------|----------|---|
| | | | | | Vapour (V)/Particulate | V | V | V | V | V | V | V | V | V | V | V | V | | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 0.00E+00 | 0.00E+00 | 1.75E-05 | 6.24E-08 | 3.91E-06 | 0.00E+00 | 2.07E-06 | 0.00E+00 | 2.06E-05 | 0.00E+00 | | 3.38E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-08 | 0.00E+00 | 0.00E+00 | 1.28E-03 | 0.01 | 2.85E-03 | 1.49E-03 | 0.00E+00 | |
| 56 | Osh/Court Subdivision 1 | 677396.8 | 4860977.3 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.27E-04 | 0.01 | 0.00E+00 | 7.54E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.09E-04 | 0.00E+00 | 0.00E+00 | 4.65 | 37.91 | 10.37 | 5.40 | 0.00E+00 | | | | | |
| 57 | Osh/Court Subdivision 2 | 676633.5 | 4860816.8 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.56E-04 | 9.76E-03 | 0.00E+00 | 5.18E-03 | 0.00E+00 | 0.05 | 0.00E+00 | 8.44E-03 | 0.00E+00 | 0.00E+00 | | 7.47E-05 | 0.00E+00 | 0.00E+00 | 3.20 | 26.05 | 7.12 | 3.71 | 0.00E+00 | | | | | |
| 58 | Osh/Court Subdivision 3 | 676916.0 | 4861925.0 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.36E-04 | 8.50E-03 | 0.00E+00 | 4.51E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 7.35E-03 | 0.00E+00 | 0.00E+00 | | 6.51E-05 | 0.00E+00 | 0.00E+00 | 2.79 | 22.69 | 6.21 | 3.24 | 0.00E+00 | | | | | |
| 59 | Osh/Court Subdivision 4 | 676730.5 | 4861317.1 | | 0.00E+00 | 0.00E+00 | 0.05 | 1.80E-04 | 0.01 | 0.00E+00 | 5.99E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 9.76E-03 | 0.00E+00 | 0.00E+00 | | 8.63E-05 | 0.00E+00 | 0.00E+00 | 3.70 | 30.11 | 8.24 | 4.29 | 0.00E+00 | | | | | |
| 60 | Osh/Court Subdivision 5 | 676087.2 | 4861392.3 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.50E-04 | 9.37E-03 | 0.00E+00 | 4.97E-03 | 0.00E+00 | 0.05 | 0.00E+00 | 8.10E-03 | 0.00E+00 | 0.00E+00 | | 7.17E-05 | 0.00E+00 | 0.00E+00 | 3.07 | 25.01 | 6.84 | 3.57 | 0.00E+00 | | | | | |
| 61 | Osh/Court Subdivision 6 | 676177.1 | 4861722.2 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.35E-04 | 8.49E-03 | 0.00E+00 | 4.50E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 7.34E-03 | 0.00E+00 | 0.00E+00 | | 6.49E-05 | 0.00E+00 | 0.00E+00 | 2.78 | 22.65 | 6.20 | 3.23 | 0.00E+00 | | | | | |
| 62 | Osh/Court Subdivision 7 | 675670.7 | 4861783.2 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.22E-04 | 7.65E-03 | 0.00E+00 | 4.06E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.62E-03 | 0.00E+00 | 0.00E+00 | | 5.85E-05 | 0.00E+00 | 0.00E+00 | 2.51 | 20.42 | 5.58 | 2.91 | 0.00E+00 | | | | | |
| 63 | Osh/Court Subdivision 8 | 676050.8 | 4862055.7 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.24E-04 | 7.78E-03 | 0.00E+00 | 4.13E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.73E-03 | 0.00E+00 | 0.00E+00 | | 5.95E-05 | 0.00E+00 | 0.00E+00 | 2.55 | 20.77 | 5.68 | 2.96 | 0.00E+00 | | | | | |
| 64 | Osh/Court Subdivision 9 | 676636.9 | 4862134.3 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.27E-04 | 7.95E-03 | 0.00E+00 | 4.22E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.88E-03 | 0.00E+00 | 0.00E+00 | | 6.09E-05 | 0.00E+00 | 0.00E+00 | 2.61 | 21.23 | 5.81 | 3.03 | 0.00E+00 | | | | | |
| 65 | Osh/Court Subdivision 10 | 676571.3 | 4861634.8 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.45E-04 | 9.11E-03 | 0.00E+00 | 4.84E-03 | 0.00E+00 | 0.05 | 0.00E+00 | 7.88E-03 | 0.00E+00 | 0.00E+00 | | 6.97E-05 | 0.00E+00 | 0.00E+00 | 2.99 | 24.32 | 6.65 | 3.47 | 0.00E+00 | | | | | |
| 66 | Bow. Subdivision 11 | 684649.2 | 4863182.7 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.38E-04 | 8.65E-03 | 0.00E+00 | 4.59E-03 | 0.00E+00 | 0.05 | 0.00E+00 | 7.48E-03 | 0.00E+00 | 0.00E+00 | | 6.62E-05 | 0.00E+00 | 0.00E+00 | 2.84 | 23.10 | 6.32 | 3.29 | 0.00E+00 | | | | | |
| 67 | Daycare B | 685172.4 | 4863933.1 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.14E-04 | 7.13E-03 | 0.00E+00 | 3.78E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.17E-03 | 0.00E+00 | 0.00E+00 | | 5.46E-05 | 0.00E+00 | 0.00E+00 | 2.34 | 19.04 | 5.21 | 2.71 | 0.00E+00 | | | | | |
| 68 | Daycare C | 685452.0 | 4863104.4 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.23E-04 | 7.72E-03 | 0.00E+00 | 4.10E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.68E-03 | 0.00E+00 | 0.00E+00 | | 5.91E-05 | 0.00E+00 | 0.00E+00 | 2.53 | 20.60 | 5.63 | 2.94 | 0.00E+00 | | | | | |
| 69 | Daycare D | 685527.7 | 4864693.3 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.13E-04 | 7.10E-03 | 0.00E+00 | 3.77E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.14E-03 | 0.00E+00 | 0.00E+00 | | 5.43E-05 | 0.00E+00 | 0.00E+00 | 2.33 | 18.94 | 5.18 | 2.70 | 0.00E+00 | | | | | |
| 70 | Daycare E | 685735.4 | 4864790.8 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.10E-04 | 6.90E-03 | 0.00E+00 | 3.66E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 5.97E-03 | 0.00E+00 | 0.00E+00 | | 5.28E-05 | 0.00E+00 | 0.00E+00 | 2.26 | 18.41 | 5.04 | 2.63 | 0.00E+00 | | | | | |
| 71 | Daycare F | 685520.3 | 4864854.3 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.12E-04 | 7.03E-03 | 0.00E+00 | 3.73E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.08E-03 | 0.00E+00 | 0.00E+00 | | 5.38E-05 | 0.00E+00 | 0.00E+00 | 2.30 | 18.75 | 5.13 | 2.67 | 0.00E+00 | | | | | |
| 72 | Daycare G | 685441.9 | 4864878.0 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.12E-04 | 7.03E-03 | 0.00E+00 | 3.73E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.08E-03 | 0.00E+00 | 0.00E+00 | | 5.38E-05 | 0.00E+00 | 0.00E+00 | 2.30 | 18.77 | 5.13 | 2.68 | 0.00E+00 | | | | | |
| 73 | Daycare H | 686364.8 | 4864707.8 | | 0.00E+00 | 0.00E+00 | 0.03 | 9.78E-05 | 6.12E-03 | 0.00E+00 | 3.25E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.30E-03 | 0.00E+00 | 0.00E+00 | | 4.69E-05 | 0.00E+00 | 0.00E+00 | 2.01 | 16.35 | 4.47 | 2.33 | 0.00E+00 | | | | | |
| 74 | Daycare I | 685721.6 | 4865127.3 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.07E-04 | 6.70E-03 | 0.00E+00 | 3.56E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 5.80E-03 | 0.00E+00 | 0.00E+00 | | 5.13E-05 | 0.00E+00 | 0.00E+00 | 2.20 | 17.88 | 4.89 | 2.55 | 0.00E+00 | | | | | |
| 75 | Daycare J | 678256.3 | 4863565.4 | | 0.00E+00 | 0.00E+00 | 0.02 | 7.92E-05 | 4.96E-03 | 0.00E+00 | 2.63E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 4.29E-03 | 0.00E+00 | 0.00E+00 | | 3.80E-05 | 0.00E+00 | 0.00E+00 | 1.63 | 13.25 | 3.62 | 1.89 | 0.00E+00 | | | | | |
| 76 | Daycare K | 677694.1 | 4864043.7 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.70E-05 | 4.19E-03 | 0.00E+00 | 2.23E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.63E-03 | 0.00E+00 | 0.00E+00 | | 3.21E-05 | 0.00E+00 | 0.00E+00 | 1.37 | 11.20 | 3.06 | 1.60 | 0.00E+00 | | | | | |
| 77 | Daycare L | 676479.5 | 4862526.2 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.04E-04 | 6.53E-03 | 0.00E+00 | 3.46E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.64E-03 | 0.00E+00 | 0.00E+00 | | 4.99E-05 | 0.00E+00 | 0.00E+00 | 2.14 | 17.42 | 4.76 | 2.48 | 0.00E+00 | | | | | |
| 78 | Daycare M | 678320.9 | 4864763.5 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.62E-05 | 4.15E-03 | 0.00E+00 | 2.20E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.59E-03 | 0.00E+00 | 0.00E+00 | | 3.17E-05 | 0.00E+00 | 0.00E+00 | 1.36 | 11.07 | 3.03 | 1.58 | 0.00E+00 | | | | | |
| 79 | Daycare N | 678513.4 | 4865058.0 | | 0.00E+00 | 0.00E+00 | 0.02 | 7.05E-05 | 4.42E-03 | 0.00E+00 | 2.34E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.82E-03 | 0.00E+00 | 0.00E+00 | | 3.38E-05 | 0.00E+00 | 0.00E+00 | 1.45 | 11.78 | 3.22 | 1.68 | 0.00E+00 | | | | | |
| 80 | Daycare O | 672788.7 | 4863936.6 | | 0.00E+00 | 0.00E+00 | 0.01 | 5.24E-05 | 3.28E-03 | 0.00E+00 | 1.74E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 2.84E-03 | 0.00E+00 | 0.00E+00 | | 2.51E-05 | 0.00E+00 | 0.00E+00 | 1.07 | 8.75 | 2.39 | 1.25 | 0.00E+00 | | | | | |
| 81 | Daycare P | 673952.8 | 4863592.5 | | 0.00E+00 | 0.00E+00 | 0.02 | 5.90E-05 | 3.69E-03 | 0.00E+00 | 1.96E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.19E-03 | 0.00E+00 | 0.00E+00 | | 2.83E-05 | 0.00E+00 | 0.00E+00 | 1.21 | 9.86 | 2.70 | 1.41 | 0.00E+00 | | | | | |
| 82 | Daycare Q | 671751.8 | 4864887.7 | | 0.00E+00 | 0.00E+00 | 0.01 | 4.50E-05 | 2.82E-03 | 0.00E+00 | 1.50E-03 | 0.00E+00 | 0.01 | 0.00E+00 | 2.44E-03 | 0.00E+00 | 0.00E+00 | | 2.16E-05 | 0.00E+00 | 0.00E+00 | 0.92 | 7.52 | 2.06 | 1.07 | 0.00E+00 | | | | | |
| 83 | Daycare R | 685714.4 | 4864667.4 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.12E-04 | 7.00E-03 | 0.00E+00 | 3.72E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.06E-03 | 0.00E+00 | 0.00E+00 | | 5.36E-05 | 0.00E+00 | 0.00E+00 | 2.29 | 18.69 | 5.11 | 2.66 | 0.00E+00 | | | | | |
| 84 | Daycare S | 684177.9 | 4863618.2 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.44E-04 | 9.00E-03 | 0.00E+00 | 4.77E-03 | 0.00E+00 | 0.05 | 0.00E+00 | 7.78E-03 | 0.00E+00 | 0.00E+00 | | 6.88E-05 | 0.00E+00 | 0.00E+00 | 2.95 | 24.01 | 6.57 | 3.42 | 0.00E+00 | | | | | |
| 85 | Daycare T | 678423.6 | 4864480.4 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.97E-05 | 4.37E-03 | 0.00E+00 | 2.32E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.78E-03 | 0.00E+00 | 0.00E+00 | | 3.34E-05 | 0.00E+00 | 0.00E+00 | 1.43 | 11.65 | 3.19 | 1.66 | 0.00E+00 | | | | | |
| 86 | Daycare U | 685330.5 | 4863435.1 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.19E-04 | 7.44E-03 | 0.00E+00 | 3.95E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.43E-03 | 0.00E+00 | 0.00E+00 | | 5.69E-05 | 0.00E+00 | 0.00E+00 | 2.44 | 19.85 | 5.43 | 2.83 | 0.00E+00 | | | | | |
| 87 | Daycare V | 685153.2 | 4863236.9 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.27E-04 | 7.98E-03 | 0.00E+00 | 4.23E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.90E-03 | 0.00E+00 | 0.00E+00 | | 6.10E-05 | 0.00E+00 | 0.00E+00 | 2.61 | 21.29 | 5.82 | 3.04 | 0.00E+00 | | | | | |
| 88 | Daycare W | 672679.0 | 4862044.9 | | 0.00E+00 | 0.00E+00 | 0.02 | 7.29E-05 | 4.56E-03 | 0.00E+00 | 2.42E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.95E-03 | 0.00E+00 | 0.00E+00 | | 3.49E-05 | 0.00E+00 | 0.00E+00 | 1.50 | 12.18 | 3.33 | 1.74 | 0.00E+00 | | | | | |
| 89 | Daycare X | 672076.5 | 4865285.8 | | 0.00E+00 | 0.00E+00 | 0.01 | 4.63E-05 | 2.90E-03 | 0.00E+00 | 1.54E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 2.51E-03 | 0.00E+00 | 0.00E+00 | | 2.22E-05 | 0.00E+00 | 0.00E+00 | 0.95 | 7.74 | 2.12 | 1.10 | 0.00E+00 | | | | | |
| 90 | Daycare Y | 672638.0 | 4859664.4 | | 0.00E+00 | 0.00E+00 | 0.02 | 5.63E-05 | 3.53E-03 | 0.00E+00 | 1.87E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.05E-03 | 0.00E+00 | 0.00E+00 | | 2.70E-05 | 0.00E+00 | 0.00E+00 | 1.16 | 9.42 | 2.58 | 1.34 | 0.00E+00 | | | | | |
| 91 | Daycare Z | 673735.9 | 4858958.0 | | 0.00E+00 | 0.00E+00 | 0.02 | 7.29E-05 | 4.57E-03 | 0.00E+00 | 2.42E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.95E-03 | 0.00E+00 | 0.00E+00 | | 3.49E-05 | 0.00E+00 | 0.00E+00 | 1.50 | 12.18 | 3.33 | 1.74 | 0.00E+00 | | | | | |
| 92 | Daycare AA | 673121.8 | 4863385.9 | | 0.00E+00 | 0.00E+00 | 0.02 | 5.86E-05 | 3.67E-03 | 0.00E+00 | 1.95E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.17E-03 | 0.00E+00 | 0.00E+00 | | 2.81E-05 | 0.00E+00 | 0.00E+00 | 1.20 | 9.79 | 2.68 | 1.40 | 0.00E+00 | | | | | |
| 93 | Daycare BB | 673904.8 | 4862282.2 | | 0.00E+00 | 0.00E+00 | 0.02 | 8.61E-05 | 5.39E-03 | 0.00E+00 | 2.86E-03 | 0.00E+00 | 0.03 | 0.00E+ | | | | | | | | | | | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | 1- methylphe nanthrene | 9- methylphe nanthrene | Naphthale ne | Perylene | Phenanthr ene | Picene | Pyrene | Quinoline | Tetralin | Triphenyle ne | O- terphenyl | M- terphenyl | P- terphenyl | Volatile Organic Chemicals (VOC) | Acetaldehy de | Acetone | Acrolein | Benzene | Bromodich lorometha ne | Bromofor m | Bromomet hane | Butadiene, 1,3- | | | | | |
|----------|------------------------|----------|-----------|-------------|---------------------------|---------------------------|---|----------|------------------|----------|----------|-----------|----------|------------------|-----------------|-----------------|-----------------|---|------------------|----------|----------|----------|------------------------------|---------------|------------------|--------------------|------|----------|----------|----------|---|
| | | | | | Vapour (V)/Particulat | V | V | V | V | V | V | V | V | V | V | V | V | | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 0.00E+00 | 0.00E+00 | 1.75E-05 | 6.24E-08 | 3.91E-06 | 0.00E+00 | 2.07E-06 | 0.00E+00 | 2.06E-05 | 0.00E+00 | | 3.38E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-08 | 0.00E+00 | 0.00E+00 | 1.28E-03 | 0.01 | 2.85E-03 | 1.49E-03 | 0.00E+00 | |
| 111 | Comm. Resp. Services | 676045.4 | 4863902.5 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.67E-05 | 4.18E-03 | 0.00E+00 | 2.22E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.61E-03 | 0.00E+00 | 0.00E+00 | | 3.20E-05 | 0.00E+00 | 0.00E+00 | 1.37 | 11.15 | 3.05 | 1.59 | 0.00E+00 | | | | | |
| 112 | Hospital | 671712.7 | 4862364.1 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.63E-05 | 4.16E-03 | 0.00E+00 | 2.20E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.59E-03 | 0.00E+00 | 0.00E+00 | | 3.18E-05 | 0.00E+00 | 0.00E+00 | 1.36 | 11.09 | 3.03 | 1.58 | 0.00E+00 | | | | | |
| 113 | Retirement Residence A | 684199.9 | 4864120.3 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.33E-04 | 8.33E-03 | 0.00E+00 | 4.42E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 7.20E-03 | 0.00E+00 | 0.00E+00 | | 6.37E-05 | 0.00E+00 | 0.00E+00 | 2.73 | 22.22 | 6.08 | 3.17 | 0.00E+00 | | | | | |
| 114 | Retirement Residence B | 685483.9 | 4865150.9 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.08E-04 | 6.78E-03 | 0.00E+00 | 3.60E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 5.87E-03 | 0.00E+00 | 0.00E+00 | | 5.19E-05 | 0.00E+00 | 0.00E+00 | 2.22 | 18.11 | 4.95 | 2.58 | 0.00E+00 | | | | | |
| 115 | Retirement Residence C | 686844.0 | 4864732.1 | | 0.00E+00 | 0.00E+00 | 0.03 | 9.23E-05 | 5.78E-03 | 0.00E+00 | 3.07E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.00E-03 | 0.00E+00 | 0.00E+00 | | 4.42E-05 | 0.00E+00 | 0.00E+00 | 1.89 | 15.43 | 4.22 | 2.20 | 0.00E+00 | | | | | |
| 116 | Retirement Residence D | 673481.7 | 4863343.4 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.00E-05 | 3.76E-03 | 0.00E+00 | 2.00E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.25E-03 | 0.00E+00 | 0.00E+00 | | 2.88E-05 | 0.00E+00 | 0.00E+00 | 1.23 | 10.04 | 2.74 | 1.43 | 0.00E+00 | | | | | |
| 117 | Retirement Residence E | 671825.2 | 4864399.0 | | 0.00E+00 | 0.00E+00 | 0.01 | 4.66E-05 | 2.92E-03 | 0.00E+00 | 1.55E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 2.52E-03 | 0.00E+00 | 0.00E+00 | | 2.23E-05 | 0.00E+00 | 0.00E+00 | 0.96 | 7.78 | 2.13 | 1.11 | 0.00E+00 | | | | | |
| 118 | Retirement Residence F | 671606.3 | 4864536.0 | | 0.00E+00 | 0.00E+00 | 0.01 | 4.59E-05 | 2.87E-03 | 0.00E+00 | 1.53E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 2.49E-03 | 0.00E+00 | 0.00E+00 | | 2.20E-05 | 0.00E+00 | 0.00E+00 | 0.94 | 7.67 | 2.10 | 1.09 | 0.00E+00 | | | | | |
| 119 | Retirement Residence G | 671357.1 | 4862958.7 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.54E-05 | 4.10E-03 | 0.00E+00 | 2.17E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.54E-03 | 0.00E+00 | 0.00E+00 | | 3.14E-05 | 0.00E+00 | 0.00E+00 | 1.34 | 10.94 | 2.99 | 1.56 | 0.00E+00 | | | | | |
| 120 | Retirement Residence H | 671514.0 | 4862262.9 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.41E-05 | 4.02E-03 | 0.00E+00 | 2.13E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.47E-03 | 0.00E+00 | 0.00E+00 | | 3.07E-05 | 0.00E+00 | 0.00E+00 | 1.32 | 10.72 | 2.93 | 1.53 | 0.00E+00 | | | | | |
| 121 | Retirement Residence I | 672602.2 | 4863075.9 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.58E-05 | 4.12E-03 | 0.00E+00 | 2.19E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.57E-03 | 0.00E+00 | 0.00E+00 | | 3.15E-05 | 0.00E+00 | 0.00E+00 | 1.35 | 11.00 | 3.01 | 1.57 | 0.00E+00 | | | | | |
| 122 | Retirement Residence J | 671719.1 | 4862893.1 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.68E-05 | 4.19E-03 | 0.00E+00 | 2.22E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.62E-03 | 0.00E+00 | 0.00E+00 | | 3.20E-05 | 0.00E+00 | 0.00E+00 | 1.37 | 11.17 | 3.06 | 1.59 | 0.00E+00 | | | | | |
| 123 | Retirement Residence K | 686718.0 | 4865648.7 | | 0.00E+00 | 0.00E+00 | 0.03 | 9.28E-05 | 5.81E-03 | 0.00E+00 | 3.08E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.03E-03 | 0.00E+00 | 0.00E+00 | | 4.45E-05 | 0.00E+00 | 0.00E+00 | 1.90 | 15.51 | 4.24 | 2.21 | 0.00E+00 | | | | | |
| 124 | Retirement Residence L | 676168.7 | 4865669.9 | | 0.00E+00 | 0.00E+00 | 0.01 | 4.99E-05 | 3.13E-03 | 0.00E+00 | 1.66E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 2.71E-03 | 0.00E+00 | 0.00E+00 | | 2.39E-05 | 0.00E+00 | 0.00E+00 | 1.03 | 8.35 | 2.28 | 1.19 | 0.00E+00 | | | | | |
| 125 | Retirement Residence M | 676118.5 | 4863980.7 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.34E-05 | 3.97E-03 | 0.00E+00 | 2.11E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.44E-03 | 0.00E+00 | 0.00E+00 | | 3.04E-05 | 0.00E+00 | 0.00E+00 | 1.30 | 10.61 | 2.90 | 1.51 | 0.00E+00 | | | | | |
| 126 | Bow. Subdivision 12 | 684649.2 | 4863182.7 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.38E-04 | 8.65E-03 | 0.00E+00 | 4.59E-03 | 0.00E+00 | 0.05 | 0.00E+00 | 7.48E-03 | 0.00E+00 | 0.00E+00 | | 6.62E-05 | 0.00E+00 | 0.00E+00 | 2.84 | 23.10 | 6.32 | 3.29 | 0.00E+00 | | | | | |
| 127 | Primary School B | 685384.8 | 4863575.3 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.15E-04 | 7.17E-03 | 0.00E+00 | 3.81E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.20E-03 | 0.00E+00 | 0.00E+00 | | 5.49E-05 | 0.00E+00 | 0.00E+00 | 2.35 | 19.15 | 5.24 | 2.73 | 0.00E+00 | | | | | |
| 128 | Primary School C | 685021.6 | 4863952.9 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.19E-04 | 7.43E-03 | 0.00E+00 | 3.94E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.43E-03 | 0.00E+00 | 0.00E+00 | | 5.69E-05 | 0.00E+00 | 0.00E+00 | 2.44 | 19.84 | 5.43 | 2.83 | 0.00E+00 | | | | | |
| 129 | Primary School D | 686237.0 | 4864085.5 | | 0.00E+00 | 0.00E+00 | 0.03 | 9.83E-05 | 6.16E-03 | 0.00E+00 | 3.27E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.33E-03 | 0.00E+00 | 0.00E+00 | | 4.71E-05 | 0.00E+00 | 0.00E+00 | 2.02 | 16.44 | 4.50 | 2.34 | 0.00E+00 | | | | | |
| 130 | Primary School E | 686719.0 | 4863734.7 | | 0.00E+00 | 0.00E+00 | 0.03 | 9.76E-05 | 6.11E-03 | 0.00E+00 | 3.24E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.29E-03 | 0.00E+00 | 0.00E+00 | | 4.68E-05 | 0.00E+00 | 0.00E+00 | 2.00 | 16.32 | 4.46 | 2.33 | 0.00E+00 | | | | | |
| 131 | Primary School F | 686357.0 | 4864754.9 | | 0.00E+00 | 0.00E+00 | 0.03 | 9.76E-05 | 6.11E-03 | 0.00E+00 | 3.24E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.29E-03 | 0.00E+00 | 0.00E+00 | | 4.68E-05 | 0.00E+00 | 0.00E+00 | 2.00 | 16.32 | 4.46 | 2.33 | 0.00E+00 | | | | | |
| 132 | Primary School G | 685502.0 | 4865013.4 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.10E-04 | 6.91E-03 | 0.00E+00 | 3.67E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 5.98E-03 | 0.00E+00 | 0.00E+00 | | 5.29E-05 | 0.00E+00 | 0.00E+00 | 2.26 | 18.44 | 5.04 | 2.63 | 0.00E+00 | | | | | |
| 133 | Primary School H | 686726.7 | 4866061.5 | | 0.00E+00 | 0.00E+00 | 0.03 | 9.01E-05 | 5.64E-03 | 0.00E+00 | 2.99E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 4.88E-03 | 0.00E+00 | 0.00E+00 | | 4.32E-05 | 0.00E+00 | 0.00E+00 | 1.85 | 15.06 | 4.12 | 2.15 | 0.00E+00 | | | | | |
| 134 | Primary School I | 685186.2 | 4866568.2 | | 0.00E+00 | 0.00E+00 | 0.03 | 9.66E-05 | 6.05E-03 | 0.00E+00 | 3.21E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.23E-03 | 0.00E+00 | 0.00E+00 | | 4.63E-05 | 0.00E+00 | 0.00E+00 | 1.98 | 16.15 | 4.42 | 2.30 | 0.00E+00 | | | | | |
| 135 | Primary School J | 685965.3 | 4866979.0 | | 0.00E+00 | 0.00E+00 | 0.02 | 8.48E-05 | 5.31E-03 | 0.00E+00 | 2.82E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 4.60E-03 | 0.00E+00 | 0.00E+00 | | 4.07E-05 | 0.00E+00 | 0.00E+00 | 1.74 | 14.18 | 3.88 | 2.02 | 0.00E+00 | | | | | |
| 136 | Primary School K | 677709.9 | 4864726.5 | | 0.00E+00 | 0.00E+00 | 0.02 | 5.65E-05 | 3.54E-03 | 0.00E+00 | 1.88E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.06E-03 | 0.00E+00 | 0.00E+00 | | 2.71E-05 | 0.00E+00 | 0.00E+00 | 1.16 | 9.44 | 2.58 | 1.35 | 0.00E+00 | | | | | |
| 137 | Primary School L | 675988.3 | 4864270.2 | | 0.00E+00 | 0.00E+00 | 0.02 | 5.96E-05 | 3.73E-03 | 0.00E+00 | 1.98E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.23E-03 | 0.00E+00 | 0.00E+00 | | 2.85E-05 | 0.00E+00 | 0.00E+00 | 1.22 | 9.96 | 2.72 | 1.42 | 0.00E+00 | | | | | |
| 138 | Primary School M | 676608.7 | 4862739.0 | | 0.00E+00 | 0.00E+00 | 0.03 | 9.24E-05 | 5.79E-03 | 0.00E+00 | 3.07E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.01E-03 | 0.00E+00 | 0.00E+00 | | 4.43E-05 | 0.00E+00 | 0.00E+00 | 1.90 | 15.46 | 4.23 | 2.20 | 0.00E+00 | | | | | |
| 139 | Primary School N | 677222.2 | 4863759.1 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.98E-05 | 4.37E-03 | 0.00E+00 | 2.32E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.78E-03 | 0.00E+00 | 0.00E+00 | | 3.34E-05 | 0.00E+00 | 0.00E+00 | 1.43 | 11.67 | 3.19 | 1.66 | 0.00E+00 | | | | | |
| 140 | Primary School O | 678154.9 | 4863872.7 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.92E-05 | 4.34E-03 | 0.00E+00 | 2.30E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.75E-03 | 0.00E+00 | 0.00E+00 | | 3.32E-05 | 0.00E+00 | 0.00E+00 | 1.42 | 11.57 | 3.17 | 1.65 | 0.00E+00 | | | | | |
| 141 | Court. Subdivision 12 | 678309.6 | 4863600.8 | | 0.00E+00 | 0.00E+00 | 0.02 | 7.80E-05 | 4.88E-03 | 0.00E+00 | 2.59E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 4.22E-03 | 0.00E+00 | 0.00E+00 | | 3.74E-05 | 0.00E+00 | 0.00E+00 | 1.60 | 13.03 | 3.56 | 1.86 | 0.00E+00 | | | | | |
| 142 | Primary School Q | 677010.6 | 4862470.6 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.10E-04 | 6.87E-03 | 0.00E+00 | 3.65E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 5.95E-03 | 0.00E+00 | 0.00E+00 | | 5.26E-05 | 0.00E+00 | 0.00E+00 | 2.25 | 18.35 | 5.02 | 2.62 | 0.00E+00 | | | | | |
| 143 | Primary School R | 677431.3 | 4866694.7 | | 0.00E+00 | 0.00E+00 | 0.01 | 5.28E-05 | 3.31E-03 | 0.00E+00 | 1.75E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 2.86E-03 | 0.00E+00 | 0.00E+00 | | 2.53E-05 | 0.00E+00 | 0.00E+00 | 1.08 | 8.83 | 2.41 | 1.26 | 0.00E+00 | | | | | |
| 144 | Primary School S | 675266.2 | 4863562.9 | | 0.00E+00 | 0.00E+00 | 0.02 | 7.19E-05 | 4.51E-03 | 0.00E+00 | 2.39E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.90E-03 | 0.00E+00 | 0.00E+00 | | 3.45E-05 | 0.00E+00 | 0.00E+00 | 1.48 | 12.03 | 3.29 | 1.71 | 0.00E+00 | | | | | |
| 145 | Primary School T | 673479.2 | 4860029.4 | | 0.00E+00 | 0.00E+00 | 0.02 | 5.60E-05 | 3.51E-03 | 0.00E+00 | 1.86E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.04E-03 | 0.00E+00 | 0.00E+00 | | 2.69E-05 | 0.00E+00 | 0.00E+00 | 1.15 | 9.37 | 2.56 | 1.34 | 0.00E+00 | | | | | |
| 146 | Primary School U | 670856.0 | 4860710.6 | | 0.00E+00 | 0.00E+00 | 0.01 | 5.06E-05 | 3.17E-03 | 0.00E+00 | 1.68E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 2.74E-03 | 0.00E+00 | 0.00E+00 | | 2.43E-05 | 0.00E+00 | 0.00E+00 | 1.04 | 8.46 | 2.31 | 1.21 | 0.00E+00 | | | | | |
| 147 | Primary School V | 672660.2 | 4863909.2 | | 0.00E+00 | 0.00E+00 | 0.01 | 5.27E-05 | 3.30E-03 | 0.00E+00 | 1.75E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 2.86E-03 | 0.00E+00 | 0.00E+00 | | 2.53E-05 | 0.00E+00 | 0.00E+00 | 1.08 | 8.82 | 2.41 | 1.26 | 0.00E+00 | | | | | |
| 148 | Primary School W | 672735.2 | 4859232.9 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.49E-05 | | | | | | | | | | | | | | | | | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | 1- methylphe nanthrene | 9- methylphe nanthrene | Naphthale ne | Perylene | Phenanthr ene | Picene | Pyrene | Quinoline | Tetralin | Triphenyle ne | O- terphenyl | M- terphenyl | P- terphenyl | Volatile Organic Chemicals (VOC) | Acetaldehy de | Acetone | Acrolein | Benzene | Bromodich lorometha ne | Bromofor m | Bromomet hane | Butadiene, 1,3- | | | | | |
|----------|---------------------|----------|-----------|-------------|---------------------------|---------------------------|---|----------|------------------|----------|----------|-----------|----------|------------------|-----------------|-----------------|-----------------|---|------------------|----------|----------|----------|------------------------------|---------------|------------------|--------------------|------|----------|----------|----------|---|
| | | | | | Vapour (V)/Particulat | V | V | V | V | V | V | V | V | V | V | V | V | | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 0.00E+00 | 0.00E+00 | 1.75E-05 | 6.24E-08 | 3.91E-06 | 0.00E+00 | 2.07E-06 | 0.00E+00 | 2.06E-05 | 0.00E+00 | | 3.38E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-08 | 0.00E+00 | 0.00E+00 | 1.28E-03 | 0.01 | 2.85E-03 | 1.49E-03 | 0.00E+00 | |
| 166 | Primary School OO | 675474.8 | 4863221.7 | | 0.00E+00 | 0.00E+00 | 0.02 | 7.67E-05 | 4.80E-03 | 0.00E+00 | 2.55E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 4.16E-03 | 0.00E+00 | 0.00E+00 | | 3.68E-05 | 0.00E+00 | 0.00E+00 | 1.57 | 12.82 | 3.51 | 1.83 | 0.00E+00 | | | | | |
| 167 | Primary School PP | 672441.8 | 4858748.6 | | 0.00E+00 | 0.00E+00 | 0.02 | 5.62E-05 | 3.52E-03 | 0.00E+00 | 1.87E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.05E-03 | 0.00E+00 | 0.00E+00 | | 2.69E-05 | 0.00E+00 | 0.00E+00 | 1.15 | 9.40 | 2.57 | 1.34 | 0.00E+00 | | | | | |
| 168 | Primary School QQ | 672796.8 | 4864438.2 | | 0.00E+00 | 0.00E+00 | 0.01 | 4.87E-05 | 3.05E-03 | 0.00E+00 | 1.62E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 2.64E-03 | 0.00E+00 | 0.00E+00 | | 2.33E-05 | 0.00E+00 | 0.00E+00 | 1.00 | 8.14 | 2.23 | 1.16 | 0.00E+00 | | | | | |
| 169 | Primary School RR | 671351.4 | 4863284.0 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.27E-05 | 3.93E-03 | 0.00E+00 | 2.09E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.40E-03 | 0.00E+00 | 0.00E+00 | | 3.01E-05 | 0.00E+00 | 0.00E+00 | 1.29 | 10.49 | 2.87 | 1.50 | 0.00E+00 | | | | | |
| 170 | Primary School SS | 673213.9 | 4862125.5 | | 0.00E+00 | 0.00E+00 | 0.02 | 7.83E-05 | 4.91E-03 | 0.00E+00 | 2.60E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 4.24E-03 | 0.00E+00 | 0.00E+00 | | 3.75E-05 | 0.00E+00 | 0.00E+00 | 1.61 | 13.09 | 3.58 | 1.87 | 0.00E+00 | | | | | |
| 171 | Primary School TT | 671017.9 | 4860953.7 | | 0.00E+00 | 0.00E+00 | 0.01 | 4.97E-05 | 3.11E-03 | 0.00E+00 | 1.65E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 2.69E-03 | 0.00E+00 | 0.00E+00 | | 2.38E-05 | 0.00E+00 | 0.00E+00 | 1.02 | 8.31 | 2.27 | 1.18 | 0.00E+00 | | | | | |
| 172 | Primary School UU | 670991.0 | 4861089.8 | | 0.00E+00 | 0.00E+00 | 0.01 | 4.86E-05 | 3.05E-03 | 0.00E+00 | 1.62E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 2.64E-03 | 0.00E+00 | 0.00E+00 | | 2.33E-05 | 0.00E+00 | 0.00E+00 | 1.00 | 8.13 | 2.22 | 1.16 | 0.00E+00 | | | | | |
| 173 | Primary School VV | 674150.1 | 4862294.8 | | 0.00E+00 | 0.00E+00 | 0.02 | 8.80E-05 | 5.52E-03 | 0.00E+00 | 2.93E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 4.77E-03 | 0.00E+00 | 0.00E+00 | | 4.22E-05 | 0.00E+00 | 0.00E+00 | 1.81 | 14.72 | 4.03 | 2.10 | 0.00E+00 | | | | | |
| 174 | Primary School WW | 672005.2 | 4861707.9 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.08E-05 | 3.81E-03 | 0.00E+00 | 2.02E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.30E-03 | 0.00E+00 | 0.00E+00 | | 2.91E-05 | 0.00E+00 | 0.00E+00 | 1.25 | 10.17 | 2.78 | 1.45 | 0.00E+00 | | | | | |
| 175 | Primary School XX | 684172.1 | 4863615.6 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.44E-04 | 9.02E-03 | 0.00E+00 | 4.79E-03 | 0.00E+00 | 0.05 | 0.00E+00 | 7.80E-03 | 0.00E+00 | 0.00E+00 | | 6.90E-05 | 0.00E+00 | 0.00E+00 | 2.96 | 24.07 | 6.58 | 3.43 | 0.00E+00 | | | | | |
| 176 | Primary School YY | 683923.3 | 4866636.4 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.04E-04 | 6.51E-03 | 0.00E+00 | 3.46E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.63E-03 | 0.00E+00 | 0.00E+00 | | 4.98E-05 | 0.00E+00 | 0.00E+00 | 2.13 | 17.38 | 4.75 | 2.48 | 0.00E+00 | | | | | |
| 177 | Primary School ZZ | 680446.0 | 4865770.5 | | 0.00E+00 | 0.00E+00 | 0.02 | 7.72E-05 | 4.84E-03 | 0.00E+00 | 2.57E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 4.18E-03 | 0.00E+00 | 0.00E+00 | | 3.70E-05 | 0.00E+00 | 0.00E+00 | 1.58 | 12.91 | 3.53 | 1.84 | 0.00E+00 | | | | | |
| 178 | Vacant School | 685612.9 | 4864520.0 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.11E-04 | 6.93E-03 | 0.00E+00 | 3.68E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 5.99E-03 | 0.00E+00 | 0.00E+00 | | 5.30E-05 | 0.00E+00 | 0.00E+00 | 2.27 | 18.48 | 5.06 | 2.64 | 0.00E+00 | | | | | |
| 179 | Secondary School A | 686291.4 | 4865064.3 | | 0.00E+00 | 0.00E+00 | 0.03 | 9.75E-05 | 6.11E-03 | 0.00E+00 | 3.24E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.29E-03 | 0.00E+00 | 0.00E+00 | | 4.68E-05 | 0.00E+00 | 0.00E+00 | 2.00 | 16.31 | 4.46 | 2.33 | 0.00E+00 | | | | | |
| 180 | Secondary School B | 683875.0 | 4864741.7 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.34E-04 | 8.40E-03 | 0.00E+00 | 4.46E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 7.26E-03 | 0.00E+00 | 0.00E+00 | | 6.43E-05 | 0.00E+00 | 0.00E+00 | 2.75 | 22.42 | 6.13 | 3.20 | 0.00E+00 | | | | | |
| 181 | Secondary School C | 684650.3 | 4866460.3 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.00E-04 | 6.29E-03 | 0.00E+00 | 3.34E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.44E-03 | 0.00E+00 | 0.00E+00 | | 4.81E-05 | 0.00E+00 | 0.00E+00 | 2.06 | 16.78 | 4.59 | 2.39 | 0.00E+00 | | | | | |
| 182 | Secondary School D | 678099.5 | 4864838.2 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.25E-05 | 3.92E-03 | 0.00E+00 | 2.08E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.39E-03 | 0.00E+00 | 0.00E+00 | | 3.00E-05 | 0.00E+00 | 0.00E+00 | 1.28 | 10.45 | 2.86 | 1.49 | 0.00E+00 | | | | | |
| 183 | Secondary School E | 678467.0 | 4863431.2 | | 0.00E+00 | 0.00E+00 | 0.02 | 8.31E-05 | 5.21E-03 | 0.00E+00 | 2.76E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 4.50E-03 | 0.00E+00 | 0.00E+00 | | 3.98E-05 | 0.00E+00 | 0.00E+00 | 1.71 | 13.90 | 3.80 | 1.98 | 0.00E+00 | | | | | |
| 184 | Secondary School F | 674144.9 | 4862762.7 | | 0.00E+00 | 0.00E+00 | 0.02 | 7.26E-05 | 4.55E-03 | 0.00E+00 | 2.41E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.93E-03 | 0.00E+00 | 0.00E+00 | | 3.48E-05 | 0.00E+00 | 0.00E+00 | 1.49 | 12.14 | 3.32 | 1.73 | 0.00E+00 | | | | | |
| 185 | Secondary School G | 673816.0 | 4864357.1 | | 0.00E+00 | 0.00E+00 | 0.02 | 5.49E-05 | 3.44E-03 | 0.00E+00 | 1.82E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 2.97E-03 | 0.00E+00 | 0.00E+00 | | 2.63E-05 | 0.00E+00 | 0.00E+00 | 1.13 | 9.17 | 2.51 | 1.31 | 0.00E+00 | | | | | |
| 186 | Secondary School H | 673145.4 | 4858569.0 | | 0.00E+00 | 0.00E+00 | 0.02 | 5.68E-05 | 3.56E-03 | 0.00E+00 | 1.89E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.08E-03 | 0.00E+00 | 0.00E+00 | | 2.72E-05 | 0.00E+00 | 0.00E+00 | 1.17 | 9.50 | 2.60 | 1.35 | 0.00E+00 | | | | | |
| 187 | Secondary School I | 671291.7 | 4863581.3 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.01E-05 | 3.77E-03 | 0.00E+00 | 2.00E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.26E-03 | 0.00E+00 | 0.00E+00 | | 2.88E-05 | 0.00E+00 | 0.00E+00 | 1.23 | 10.05 | 2.75 | 1.43 | 0.00E+00 | | | | | |
| 188 | Secondary School J | 671443.2 | 4861664.9 | | 0.00E+00 | 0.00E+00 | 0.01 | 5.31E-05 | 3.33E-03 | 0.00E+00 | 1.77E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 2.88E-03 | 0.00E+00 | 0.00E+00 | | 2.55E-05 | 0.00E+00 | 0.00E+00 | 1.09 | 8.88 | 2.43 | 1.27 | 0.00E+00 | | | | | |
| 189 | Secondary School K | 673235.3 | 4860885.0 | | 0.00E+00 | 0.00E+00 | 0.02 | 5.75E-05 | 3.60E-03 | 0.00E+00 | 1.91E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.12E-03 | 0.00E+00 | 0.00E+00 | | 2.76E-05 | 0.00E+00 | 0.00E+00 | 1.18 | 9.61 | 2.63 | 1.37 | 0.00E+00 | | | | | |
| 190 | Secondary School L | 684252.7 | 4866500.5 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.04E-04 | 6.52E-03 | 0.00E+00 | 3.46E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.64E-03 | 0.00E+00 | 0.00E+00 | | 4.99E-05 | 0.00E+00 | 0.00E+00 | 2.14 | 17.40 | 4.76 | 2.48 | 0.00E+00 | | | | | |
| 191 | Secondary School M | 673914.1 | 4859551.7 | | 0.00E+00 | 0.00E+00 | 0.02 | 7.37E-05 | 4.62E-03 | 0.00E+00 | 2.45E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 4.00E-03 | 0.00E+00 | 0.00E+00 | | 3.53E-05 | 0.00E+00 | 0.00E+00 | 1.51 | 12.33 | 3.37 | 1.76 | 0.00E+00 | | | | | |
| 192 | Secondary School N | 675051.5 | 4864177.2 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.39E-05 | 4.00E-03 | 0.00E+00 | 2.12E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.46E-03 | 0.00E+00 | 0.00E+00 | | 3.06E-05 | 0.00E+00 | 0.00E+00 | 1.31 | 10.68 | 2.92 | 1.52 | 0.00E+00 | | | | | |
| 193 | Adult School | 685276.1 | 4866019.8 | | 0.00E+00 | 0.00E+00 | 0.03 | 9.48E-05 | 5.94E-03 | 0.00E+00 | 3.15E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.14E-03 | 0.00E+00 | 0.00E+00 | | 4.54E-05 | 0.00E+00 | 0.00E+00 | 1.95 | 15.85 | 4.34 | 2.26 | 0.00E+00 | | | | | |
| 194 | Bow. Valley Cons. 1 | 685356.6 | 4864521.2 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.10E-04 | 6.91E-03 | 0.00E+00 | 3.67E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 5.97E-03 | 0.00E+00 | 0.00E+00 | | 5.28E-05 | 0.00E+00 | 0.00E+00 | 2.26 | 18.44 | 5.04 | 2.63 | 0.00E+00 | | | | | |
| 195 | Bow. Valley Cons. 2 | 685627.7 | 4864167.8 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.05E-04 | 6.58E-03 | 0.00E+00 | 3.49E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.69E-03 | 0.00E+00 | 0.00E+00 | | 5.04E-05 | 0.00E+00 | 0.00E+00 | 2.16 | 17.56 | 4.80 | 2.50 | 0.00E+00 | | | | | |
| 196 | Bow. Valley Cons. 4 | 685852.7 | 4863640.2 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.07E-04 | 6.69E-03 | 0.00E+00 | 3.55E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 5.78E-03 | 0.00E+00 | 0.00E+00 | | 5.12E-05 | 0.00E+00 | 0.00E+00 | 2.19 | 17.85 | 4.88 | 2.55 | 0.00E+00 | | | | | |
| 197 | Bow. Valley Cons. 5 | 686163.1 | 4863621.5 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.04E-04 | 6.54E-03 | 0.00E+00 | 3.47E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.65E-03 | 0.00E+00 | 0.00E+00 | | 5.00E-05 | 0.00E+00 | 0.00E+00 | 2.14 | 17.45 | 4.77 | 2.49 | 0.00E+00 | | | | | |
| 198 | Bow. Valley Cons. 6 | 685931.9 | 4863380.6 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.09E-04 | 6.84E-03 | 0.00E+00 | 3.63E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 5.92E-03 | 0.00E+00 | 0.00E+00 | | 5.23E-05 | 0.00E+00 | 0.00E+00 | 2.24 | 18.25 | 4.99 | 2.60 | 0.00E+00 | | | | | |
| 199 | Maple Grove 1 | 681688.5 | 4864717.0 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.00E-04 | 6.27E-03 | 0.00E+00 | 3.33E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.42E-03 | 0.00E+00 | 0.00E+00 | | 4.80E-05 | 0.00E+00 | 0.00E+00 | 2.05 | 16.73 | 4.58 | 2.39 | 0.00E+00 | | | | | |
| 200 | Maple Grove 2 | 681768.9 | 4864631.8 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.05E-04 | 6.55E-03 | 0.00E+00 | 3.47E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.66E-03 | 0.00E+00 | 0.00E+00 | | 5.01E-05 | 0.00E+00 | 0.00E+00 | 2.15 | 17.47 | 4.78 | 2.49 | 0.00E+00 | | | | | |
| 201 | Maple Grove 3 | 681894.9 | 4864506.8 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.10E-04 | 6.87E-03 | 0.00E+00 | 3.65E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 5.94E-03 | 0.00E+00 | 0.00E+00 | | 5.26E-05 | 0.00E+00 | 0.00E+00 | 2.25 | 18.34 | 5.02 | 2.61 | 0.00E+00 | | | | | |
| 202 | Maple Grove 4 | 681974.8 | 4864443.2 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.17E-04 | 7.36E-03 | 0.00E+00 | 3.90E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.36E-03 | 0.00E+00 | 0.00E+00 | | 5.63E-05 | 0.00E+00 | 0.00E+00 | 2.41 | 19.63 | 5.37 | 2.80 | 0.00E+00 | | | | | |
| 203 | Maple Grove 5 | 681942.2 | 4864676.7 | | 0.00E+00 | 0.00E+00 | 0.03 | 1. | | | | | | | | | | | | | | | | | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | 1- methylphe nanthrene | 9- methylphe nanthrene | Naphthale ne | Perylene | Phenanthr ene | Picene | Pyrene | Quinoline | Tetralin | Triphenyle ne | O- terphenyl | M- terphenyl | P- terphenyl | Volatile Organic Chemicals (VOC) | Acetaldehy de | Acetone | Acrolein | Benzene | Bromodich lorometha ne | Bromofor m | Bromomet hane | Butadiene, 1,3- | | | | |
|----------|----------------|----------|-----------|-------------|---------------------------|---------------------------|---|----------|------------------|----------|----------|-----------|----------|------------------|-----------------|-----------------|-----------------|---|------------------|----------|----------|----------|------------------------------|---------------|------------------|--------------------|------|----------|----------|----------|
| | | | | | Vapour (V)/Particulat | V | V | V | V | V | V | V | V | V | V | V | V | | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 0.00E+00 | 0.00E+00 | 1.75E-05 | 6.24E-08 | 3.91E-06 | 0.00E+00 | 2.07E-06 | 0.00E+00 | 2.06E-05 | 0.00E+00 | | 3.38E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-08 | 0.00E+00 | 0.00E+00 | 1.28E-03 | 0.01 | 2.85E-03 | 1.49E-03 | 0.00E+00 |
| 221 | Campground 2 | 678410.2 | 4860148.6 | | 0.00E+00 | 0.00E+00 | 0.06 | 1.99E-04 | 0.01 | 0.00E+00 | 6.61E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.53E-05 | 0.00E+00 | 0.00E+00 | 4.08 | 33.23 | 9.09 | 4.74 | 0.00E+00 | | | | |
| 222 | Campground 3 | 678651.0 | 4860054.4 | | 0.00E+00 | 0.00E+00 | 0.05 | 1.83E-04 | 0.01 | 0.00E+00 | 6.08E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 9.90E-03 | 0.00E+00 | 0.00E+00 | | 8.76E-05 | 0.00E+00 | 0.00E+00 | 3.75 | 30.56 | 8.36 | 4.36 | 0.00E+00 | | | | |
| 223 | Campground 4 | 678725.9 | 4859860.7 | | 0.00E+00 | 0.00E+00 | 0.05 | 1.71E-04 | 0.01 | 0.00E+00 | 5.69E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 9.28E-03 | 0.00E+00 | 0.00E+00 | | 8.21E-05 | 0.00E+00 | 0.00E+00 | 3.51 | 28.63 | 7.83 | 4.08 | 0.00E+00 | | | | |
| 224 | Campground 5 | 678511.1 | 4859808.6 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.52E-04 | 9.51E-03 | 0.00E+00 | 5.04E-03 | 0.00E+00 | 0.05 | 0.00E+00 | 8.22E-03 | 0.00E+00 | 0.00E+00 | | 7.27E-05 | 0.00E+00 | 0.00E+00 | 3.12 | 25.37 | 6.94 | 3.62 | 0.00E+00 | | | | |
| 225 | Campground 6 | 678869.5 | 4859696.0 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.50E-04 | 9.39E-03 | 0.00E+00 | 4.98E-03 | 0.00E+00 | 0.05 | 0.00E+00 | 8.12E-03 | 0.00E+00 | 0.00E+00 | | 7.19E-05 | 0.00E+00 | 0.00E+00 | 3.08 | 25.07 | 6.86 | 3.57 | 0.00E+00 | | | | |
| 226 | Campground 7 | 678723.9 | 4860201.8 | | 0.00E+00 | 0.00E+00 | 0.07 | 2.34E-04 | 0.01 | 0.00E+00 | 7.76E-03 | 0.00E+00 | 0.08 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.12E-04 | 0.00E+00 | 0.00E+00 | 4.79 | 39.04 | 10.68 | 5.57 | 0.00E+00 | | | | |
| 227 | Campground 8 | 678796.0 | 4860011.4 | | 0.00E+00 | 0.00E+00 | 0.05 | 1.80E-04 | 0.01 | 0.00E+00 | 6.00E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 9.77E-03 | 0.00E+00 | 0.00E+00 | | 8.64E-05 | 0.00E+00 | 0.00E+00 | 3.70 | 30.16 | 8.25 | 4.30 | 0.00E+00 | | | | |
| 228 | Campground 9 | 678852.7 | 4859854.2 | | 0.00E+00 | 0.00E+00 | 0.05 | 1.75E-04 | 0.01 | 0.00E+00 | 5.83E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 9.50E-03 | 0.00E+00 | 0.00E+00 | | 8.40E-05 | 0.00E+00 | 0.00E+00 | 3.60 | 29.31 | 8.02 | 4.18 | 0.00E+00 | | | | |
| 229 | Solina 1 | 681099.6 | 4861677.2 | | 0.00E+00 | 0.00E+00 | 0.08 | 2.77E-04 | 0.02 | 0.00E+00 | 9.21E-03 | 0.00E+00 | 0.09 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.33E-04 | 0.00E+00 | 0.00E+00 | 5.69 | 46.31 | 12.66 | 6.60 | 0.00E+00 | | | | |
| 230 | Solina 2 | 681115.7 | 4861857.7 | | 0.00E+00 | 0.00E+00 | 0.08 | 2.71E-04 | 0.02 | 0.00E+00 | 9.00E-03 | 0.00E+00 | 0.09 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.30E-04 | 0.00E+00 | 0.00E+00 | 5.56 | 45.28 | 12.38 | 6.46 | 0.00E+00 | | | | |
| 231 | Solina 3 | 680987.4 | 4861983.5 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.22E-04 | 0.01 | 0.00E+00 | 7.37E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.06E-04 | 0.00E+00 | 0.00E+00 | 4.55 | 37.08 | 10.14 | 5.29 | 0.00E+00 | | | | |
| 232 | Solina 4 | 680965.0 | 4862068.1 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.11E-04 | 0.01 | 0.00E+00 | 7.03E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.01E-04 | 0.00E+00 | 0.00E+00 | 4.34 | 35.36 | 9.67 | 5.04 | 0.00E+00 | | | | |
| 233 | Solina 5 | 681021.5 | 4862086.7 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.17E-04 | 0.01 | 0.00E+00 | 7.23E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.04E-04 | 0.00E+00 | 0.00E+00 | 4.47 | 36.37 | 9.95 | 5.19 | 0.00E+00 | | | | |
| 234 | Solina 6 | 680939.8 | 4862124.3 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.05E-04 | 0.01 | 0.00E+00 | 6.81E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.82E-05 | 0.00E+00 | 0.00E+00 | 4.21 | 34.27 | 9.37 | 4.89 | 0.00E+00 | | | | |
| 235 | Solina 7 | 680988.2 | 4862183.6 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.07E-04 | 0.01 | 0.00E+00 | 6.87E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.90E-05 | 0.00E+00 | 0.00E+00 | 4.24 | 34.55 | 9.45 | 4.93 | 0.00E+00 | | | | |
| 236 | Solina 8 | 680984.6 | 4862209.8 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.04E-04 | 0.01 | 0.00E+00 | 6.79E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.79E-05 | 0.00E+00 | 0.00E+00 | 4.19 | 34.15 | 9.34 | 4.87 | 0.00E+00 | | | | |
| 237 | Solina 9 | 680958.6 | 4862294.9 | | 0.00E+00 | 0.00E+00 | 0.06 | 1.98E-04 | 0.01 | 0.00E+00 | 6.57E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.48E-05 | 0.00E+00 | 0.00E+00 | 4.06 | 33.06 | 9.04 | 4.71 | 0.00E+00 | | | | |
| 238 | Solina 10 | 680858.0 | 4862324.3 | | 0.00E+00 | 0.00E+00 | 0.05 | 1.91E-04 | 0.01 | 0.00E+00 | 6.34E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.14E-05 | 0.00E+00 | 0.00E+00 | 3.92 | 31.90 | 8.72 | 4.55 | 0.00E+00 | | | | |
| 239 | Solina 11 | 680990.3 | 4862403.5 | | 0.00E+00 | 0.00E+00 | 0.05 | 1.95E-04 | 0.01 | 0.00E+00 | 6.47E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.33E-05 | 0.00E+00 | 0.00E+00 | 4.00 | 32.56 | 8.90 | 4.64 | 0.00E+00 | | | | |
| 240 | Recreational 1 | 681545.0 | 4860865.0 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.15E-04 | 0.01 | 0.00E+00 | 7.15E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.03E-04 | 0.00E+00 | 0.00E+00 | 4.41 | 35.96 | 9.83 | 5.13 | 0.00E+00 | | | | |
| 241 | Recreational 2 | 681563.7 | 4860687.4 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.19E-04 | 0.01 | 0.00E+00 | 7.27E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.05E-04 | 0.00E+00 | 0.00E+00 | 4.49 | 36.58 | 10.00 | 5.22 | 0.00E+00 | | | | |
| 242 | Recreational 3 | 681579.7 | 4860610.0 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.30E-04 | 0.01 | 0.00E+00 | 7.65E-03 | 0.00E+00 | 0.08 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.10E-04 | 0.00E+00 | 0.00E+00 | 4.72 | 38.48 | 10.52 | 5.49 | 0.00E+00 | | | | |
| 243 | Recreational 6 | 681876.6 | 4860254.4 | | 0.00E+00 | 0.00E+00 | 0.07 | 2.47E-04 | 0.02 | 0.00E+00 | 8.22E-03 | 0.00E+00 | 0.08 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.19E-04 | 0.00E+00 | 0.00E+00 | 5.08 | 41.36 | 11.31 | 5.90 | 0.00E+00 | | | | |
| 244 | Recreational 7 | 682166.9 | 4860324.4 | | 0.00E+00 | 0.00E+00 | 0.07 | 2.60E-04 | 0.02 | 0.00E+00 | 8.64E-03 | 0.00E+00 | 0.09 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.25E-04 | 0.00E+00 | 0.00E+00 | 5.34 | 43.47 | 11.89 | 6.20 | 0.00E+00 | | | | |
| 245 | Darlington 1 | 679565.4 | 4861052.9 | | 0.00E+00 | 0.00E+00 | 0.07 | 2.39E-04 | 0.01 | 0.00E+00 | 7.96E-03 | 0.00E+00 | 0.08 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.15E-04 | 0.00E+00 | 0.00E+00 | 4.92 | 40.03 | 10.95 | 5.71 | 0.00E+00 | | | | |
| 246 | Darlington 2 | 679452.9 | 4861051.4 | | 0.00E+00 | 0.00E+00 | 0.07 | 2.40E-04 | 0.02 | 0.00E+00 | 7.96E-03 | 0.00E+00 | 0.08 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.15E-04 | 0.00E+00 | 0.00E+00 | 4.92 | 40.06 | 10.96 | 5.71 | 0.00E+00 | | | | |
| 247 | Darlington 3 | 679130.5 | 4860948.8 | | 0.00E+00 | 0.00E+00 | 0.08 | 2.78E-04 | 0.02 | 0.00E+00 | 9.24E-03 | 0.00E+00 | 0.09 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.33E-04 | 0.00E+00 | 0.00E+00 | 5.71 | 46.49 | 12.71 | 6.63 | 0.00E+00 | | | | |
| 248 | Darlington 4 | 679112.6 | 4860941.9 | | 0.00E+00 | 0.00E+00 | 0.08 | 2.79E-04 | 0.02 | 0.00E+00 | 9.29E-03 | 0.00E+00 | 0.09 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.34E-04 | 0.00E+00 | 0.00E+00 | 5.74 | 46.73 | 12.78 | 6.66 | 0.00E+00 | | | | |
| 249 | Darlington 5 | 679057.6 | 4860994.1 | | 0.00E+00 | 0.00E+00 | 0.08 | 2.79E-04 | 0.02 | 0.00E+00 | 9.27E-03 | 0.00E+00 | 0.09 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.34E-04 | 0.00E+00 | 0.00E+00 | 5.72 | 46.60 | 12.75 | 6.64 | 0.00E+00 | | | | |
| 250 | Darlington 6 | 679075.2 | 4860931.6 | | 0.00E+00 | 0.00E+00 | 0.08 | 2.81E-04 | 0.02 | 0.00E+00 | 9.34E-03 | 0.00E+00 | 0.09 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.35E-04 | 0.00E+00 | 0.00E+00 | 5.77 | 46.99 | 12.85 | 6.70 | 0.00E+00 | | | | |
| 251 | Darlington 7 | 678814.3 | 4860843.1 | | 0.00E+00 | 0.00E+00 | 0.09 | 3.21E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.11 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.54E-04 | 0.00E+00 | 0.00E+00 | 6.60 | 53.73 | 14.70 | 7.66 | 0.00E+00 | | | | |
| 252 | Darlington 8 | 678840.4 | 4860777.1 | | 0.00E+00 | 0.00E+00 | 0.09 | 3.29E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.11 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.58E-04 | 0.00E+00 | 0.00E+00 | 6.76 | 55.06 | 15.06 | 7.85 | 0.00E+00 | | | | |
| 253 | Light Ind. 1 | 680000.1 | 4861034.1 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.03E-04 | 0.01 | 0.00E+00 | 6.75E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.73E-05 | 0.00E+00 | 0.00E+00 | 4.17 | 33.93 | 9.28 | 4.84 | 0.00E+00 | | | | |
| 254 | Light Ind. 2 | 680060.7 | 4861056.4 | | 0.00E+00 | 0.00E+00 | 0.06 | 1.99E-04 | 0.01 | 0.00E+00 | 6.60E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.52E-05 | 0.00E+00 | 0.00E+00 | 4.08 | 33.21 | 9.08 | 4.73 | 0.00E+00 | | | | |
| 255 | Light Ind. 3 | 680291.2 | 4861151.6 | | 0.00E+00 | 0.00E+00 | 0.05 | 1.87E-04 | 0.01 | 0.00E+00 | 6.22E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 8.96E-05 | 0.00E+00 | 0.00E+00 | 3.84 | 31.26 | 8.55 | 4.46 | 0.00E+00 | | | | |
| 256 | Light Ind. 4 | 680536.3 | 4861204.6 | | 0.00E+00 | 0.00E+00 | 0.05 | 1.87E-04 | 0.01 | 0.00E+00 | 6.23E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 8.99E-05 | 0.00E+00 | 0.00E+00 | 3.85 | 31.35 | 8.57 | 4.47 | 0.00E+00 | | | | |
| 257 | Light Ind. 5 | 680350.4 | 4861290.6 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.16E-04 | 0.01 | 0.00E+00 | 7.18E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.04E-04 | 0.00E+00 | 0.00E+00 | 4.43 | 36.11 | 9.88 | 5.15 | 0.00E+00 | | | | |
| 258 | Light Ind. 6 | 680306.9 | 4861275.6 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.15E-04 | 0.01 | 0.00E+00 | 7.13E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.03E-04 | 0.00E+00 | 0.00E+00 | 4.41 | 35.88 | 9.81 | 5.12 | 0.00E+00 | | | | |
| 259 | Light Ind. 7 | 680267.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | 1- methylphe nanthrene | 9- methylphe nanthrene | Naphthale ne | Perylene | Phenanthr ene | Picene | Pyrene | Quinoline | Tetralin | Triphenyle ne | O- terphenyl | M- terphenyl | P- terphenyl | Volatile Organic Chemicals (VOC) | Acetaldehy de | Acetone | Acrolein | Benzene | Bromodich lorometha ne | Bromofor m | Bromomet hane | Butadiene, 1,3- | | | | |
|----------|----------------------------|----------|-----------|-------------|---------------------------|---------------------------|---|----------|------------------|----------|----------|-----------|----------|------------------|-----------------|-----------------|-----------------|---|------------------|----------|----------|----------|------------------------------|---------------|------------------|--------------------|------|----------|----------|----------|
| | | | | | Vapour (V)/Particulat | V | V | V | V | V | V | V | V | V | V | V | V | | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 0.00E+00 | 0.00E+00 | 1.75E-05 | 6.24E-08 | 3.91E-06 | 0.00E+00 | 2.07E-06 | 0.00E+00 | 2.06E-05 | 0.00E+00 | | 3.38E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-08 | 0.00E+00 | 0.00E+00 | 1.28E-03 | 0.01 | 2.85E-03 | 1.49E-03 | 0.00E+00 |
| 276 | Farm E | 679277.0 | 4859981.5 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.58E-04 | 9.92E-03 | 0.00E+00 | 5.27E-03 | 0.00E+00 | 0.05 | 0.00E+00 | 8.58E-03 | 0.00E+00 | 0.00E+00 | | 7.59E-05 | 0.00E+00 | 0.00E+00 | 3.25 | 26.48 | 7.24 | 3.78 | 0.00E+00 | | | | |
| 277 | Residence | 679387.2 | 4860648.9 | | 0.00E+00 | 0.00E+00 | 0.09 | 3.06E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.10 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.47E-04 | 0.00E+00 | 0.00E+00 | 6.28 | 51.12 | 13.98 | 7.29 | 0.00E+00 | | | | |
| 278 | Farm F | 679261.9 | 4860574.2 | | 0.00E+00 | 0.00E+00 | 0.09 | 3.28E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.11 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.57E-04 | 0.00E+00 | 0.00E+00 | 6.73 | 54.78 | 14.98 | 7.81 | 0.00E+00 | | | | |
| 279 | Residence | 680150.7 | 4861295.7 | | 0.00E+00 | 0.00E+00 | 0.05 | 1.89E-04 | 0.01 | 0.00E+00 | 6.28E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.05E-05 | 0.00E+00 | 0.00E+00 | 3.88 | 31.58 | 8.64 | 4.50 | 0.00E+00 | | | | |
| 280 | Residence | 679939.8 | 4861213.4 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.08E-04 | 0.01 | 0.00E+00 | 6.90E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.95E-05 | 0.00E+00 | 0.00E+00 | 4.26 | 34.71 | 9.49 | 4.95 | 0.00E+00 | | | | |
| 281 | Farm G | 680855.7 | 4861456.9 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.29E-04 | 0.01 | 0.00E+00 | 7.60E-03 | 0.00E+00 | 0.08 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.10E-04 | 0.00E+00 | 0.00E+00 | 4.69 | 38.21 | 10.45 | 5.45 | 0.00E+00 | | | | |
| 282 | Farm H | 681386.2 | 4861673.3 | | 0.00E+00 | 0.00E+00 | 0.10 | 3.43E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.11 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.64E-04 | 0.00E+00 | 0.00E+00 | 7.04 | 57.35 | 15.69 | 8.18 | 0.00E+00 | | | | |
| 283 | Residence | 680683.5 | 4861597.9 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.03E-04 | 0.01 | 0.00E+00 | 6.76E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.75E-05 | 0.00E+00 | 0.00E+00 | 4.17 | 34.00 | 9.30 | 4.85 | 0.00E+00 | | | | |
| 284 | Business | 680064.3 | 4861343.7 | | 0.00E+00 | 0.00E+00 | 0.05 | 1.93E-04 | 0.01 | 0.00E+00 | 6.41E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.24E-05 | 0.00E+00 | 0.00E+00 | 3.96 | 32.22 | 8.81 | 4.59 | 0.00E+00 | | | | |
| 285 | Farm I | 679680.1 | 4861213.5 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.32E-04 | 0.01 | 0.00E+00 | 7.70E-03 | 0.00E+00 | 0.08 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.11E-04 | 0.00E+00 | 0.00E+00 | 4.76 | 38.74 | 10.59 | 5.52 | 0.00E+00 | | | | |
| 286 | Farm J | 681344.8 | 4861792.9 | | 0.00E+00 | 0.00E+00 | 0.09 | 3.27E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.11 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.57E-04 | 0.00E+00 | 0.00E+00 | 6.72 | 54.73 | 14.97 | 7.80 | 0.00E+00 | | | | |
| 287 | Youth Centre | 685644.2 | 4864814.8 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.11E-04 | 6.98E-03 | 0.00E+00 | 3.70E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.04E-03 | 0.00E+00 | 0.00E+00 | | 5.34E-05 | 0.00E+00 | 0.00E+00 | 2.29 | 18.62 | 5.09 | 2.66 | 0.00E+00 | | | | |
| 288 | Bowmanville Arena | 685462.9 | 4864615.2 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.13E-04 | 7.07E-03 | 0.00E+00 | 3.75E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.12E-03 | 0.00E+00 | 0.00E+00 | | 5.41E-05 | 0.00E+00 | 0.00E+00 | 2.32 | 18.87 | 5.16 | 2.69 | 0.00E+00 | | | | |
| 289 | Bowmanville Rec Complex | 684160.3 | 4864604.5 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.26E-04 | 7.87E-03 | 0.00E+00 | 4.17E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.80E-03 | 0.00E+00 | 0.00E+00 | | 6.02E-05 | 0.00E+00 | 0.00E+00 | 2.58 | 21.00 | 5.74 | 2.99 | 0.00E+00 | | | | |
| 290 | Recreation Complex | 684586.6 | 4862406.3 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.41E-04 | 8.83E-03 | 0.00E+00 | 4.69E-03 | 0.00E+00 | 0.05 | 0.00E+00 | 7.64E-03 | 0.00E+00 | 0.00E+00 | | 6.76E-05 | 0.00E+00 | 0.00E+00 | 2.89 | 23.57 | 6.45 | 3.36 | 0.00E+00 | | | | |
| 291 | Superdog Central | 681487.7 | 4865723.3 | | 0.00E+00 | 0.00E+00 | 0.02 | 7.88E-05 | 4.94E-03 | 0.00E+00 | 2.62E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 4.27E-03 | 0.00E+00 | 0.00E+00 | | 3.78E-05 | 0.00E+00 | 0.00E+00 | 1.62 | 13.18 | 3.61 | 1.88 | 0.00E+00 | | | | |
| 292 | Equestrian Centre | 681567.1 | 4863670.7 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.38E-04 | 8.67E-03 | 0.00E+00 | 4.60E-03 | 0.00E+00 | 0.05 | 0.00E+00 | 7.50E-03 | 0.00E+00 | 0.00E+00 | | 6.64E-05 | 0.00E+00 | 0.00E+00 | 2.84 | 23.15 | 6.33 | 3.30 | 0.00E+00 | | | | |
| 293 | Flea Market | 678574.6 | 4862819.4 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.02E-04 | 6.38E-03 | 0.00E+00 | 3.38E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.51E-03 | 0.00E+00 | 0.00E+00 | | 4.88E-05 | 0.00E+00 | 0.00E+00 | 2.09 | 17.02 | 4.65 | 2.43 | 0.00E+00 | | | | |
| 294 | Equestrian Centre | 680030.8 | 4867320.2 | | 0.00E+00 | 0.00E+00 | 0.02 | 5.53E-05 | 3.47E-03 | 0.00E+00 | 1.84E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.00E-03 | 0.00E+00 | 0.00E+00 | | 2.65E-05 | 0.00E+00 | 0.00E+00 | 1.14 | 9.25 | 2.53 | 1.32 | 0.00E+00 | | | | |
| 295 | Courtice Community Complex | 678099.3 | 4864629.8 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.32E-05 | 3.96E-03 | 0.00E+00 | 2.10E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.42E-03 | 0.00E+00 | 0.00E+00 | | 3.03E-05 | 0.00E+00 | 0.00E+00 | 1.30 | 10.56 | 2.89 | 1.51 | 0.00E+00 | | | | |
| 296 | Former Restaurant | 679830.2 | 4860702.2 | | 0.00E+00 | 0.00E+00 | 0.05 | 1.84E-04 | 0.01 | 0.00E+00 | 6.11E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 9.96E-03 | 0.00E+00 | 0.00E+00 | | 8.81E-05 | 0.00E+00 | 0.00E+00 | 3.77 | 30.74 | 8.41 | 4.38 | 0.00E+00 | | | | |
| 297 | Commercial | 679364.8 | 4861016.0 | | 0.00E+00 | 0.00E+00 | 0.07 | 2.46E-04 | 0.02 | 0.00E+00 | 8.19E-03 | 0.00E+00 | 0.08 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.18E-04 | 0.00E+00 | 0.00E+00 | 5.06 | 41.19 | 11.27 | 5.87 | 0.00E+00 | | | | |
| 298 | GM Oshawa Headquarters | 676418.3 | 4860463.7 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.35E-04 | 8.43E-03 | 0.00E+00 | 4.47E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 7.29E-03 | 0.00E+00 | 0.00E+00 | | 6.45E-05 | 0.00E+00 | 0.00E+00 | 2.76 | 22.50 | 6.15 | 3.21 | 0.00E+00 | | | | |
| 299 | Farm K | 682972.3 | 4862201.9 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.17E-04 | 0.01 | 0.00E+00 | 7.20E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.04E-04 | 0.00E+00 | 0.00E+00 | 4.45 | 36.24 | 9.91 | 5.17 | 0.00E+00 | | | | |
| 300 | Farm L | 683546.9 | 4861959.7 | | 0.00E+00 | 0.00E+00 | 0.05 | 1.93E-04 | 0.01 | 0.00E+00 | 6.43E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.26E-05 | 0.00E+00 | 0.00E+00 | 3.97 | 32.32 | 8.84 | 4.61 | 0.00E+00 | | | | |
| 301 | Farm M | 682547.5 | 4862321.1 | | 0.00E+00 | 0.00E+00 | 0.07 | 2.58E-04 | 0.02 | 0.00E+00 | 8.58E-03 | 0.00E+00 | 0.09 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.24E-04 | 0.00E+00 | 0.00E+00 | 5.30 | 43.13 | 11.80 | 6.15 | 0.00E+00 | | | | |
| 302 | Farm N | 683238.3 | 4862393.3 | | 0.00E+00 | 0.00E+00 | 0.05 | 1.95E-04 | 0.01 | 0.00E+00 | 6.47E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.32E-05 | 0.00E+00 | 0.00E+00 | 3.99 | 32.52 | 8.90 | 4.64 | 0.00E+00 | | | | |
| 303 | Farm O | 682512.6 | 4862858.0 | | 0.00E+00 | 0.00E+00 | 0.07 | 2.43E-04 | 0.02 | 0.00E+00 | 8.09E-03 | 0.00E+00 | 0.08 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.17E-04 | 0.00E+00 | 0.00E+00 | 5.00 | 40.69 | 11.13 | 5.80 | 0.00E+00 | | | | |
| 304 | Farm P | 683129.1 | 4863649.4 | | 0.00E+00 | 0.00E+00 | 0.05 | 1.80E-04 | 0.01 | 0.00E+00 | 5.99E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 9.76E-03 | 0.00E+00 | 0.00E+00 | | 8.64E-05 | 0.00E+00 | 0.00E+00 | 3.70 | 30.13 | 8.24 | 4.30 | 0.00E+00 | | | | |
| 305 | Bennett 1 | 688209.3 | 4862512.1 | | 0.00E+00 | 0.00E+00 | 0.03 | 9.68E-05 | 6.07E-03 | 0.00E+00 | 3.22E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.25E-03 | 0.00E+00 | 0.00E+00 | | 4.64E-05 | 0.00E+00 | 0.00E+00 | 1.99 | 16.19 | 4.43 | 2.31 | 0.00E+00 | | | | |
| 306 | Bennett 2 | 687990.0 | 4863221.3 | | 0.00E+00 | 0.00E+00 | 0.02 | 8.39E-05 | 5.25E-03 | 0.00E+00 | 2.79E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 4.54E-03 | 0.00E+00 | 0.00E+00 | | 4.02E-05 | 0.00E+00 | 0.00E+00 | 1.72 | 14.02 | 3.83 | 2.00 | 0.00E+00 | | | | |
| 307 | Bennett 3 | 688818.4 | 4862836.3 | | 0.00E+00 | 0.00E+00 | 0.02 | 8.17E-05 | 5.12E-03 | 0.00E+00 | 2.72E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 4.43E-03 | 0.00E+00 | 0.00E+00 | | 3.92E-05 | 0.00E+00 | 0.00E+00 | 1.68 | 13.67 | 3.74 | 1.95 | 0.00E+00 | | | | |
| 308 | Bennett 4 | 689045.1 | 4863365.5 | | 0.00E+00 | 0.00E+00 | 0.02 | 7.98E-05 | 5.00E-03 | 0.00E+00 | 2.65E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 4.32E-03 | 0.00E+00 | 0.00E+00 | | 3.82E-05 | 0.00E+00 | 0.00E+00 | 1.64 | 13.34 | 3.65 | 1.90 | 0.00E+00 | | | | |
| 309 | Bennett 5 | 688270.5 | 4863763.1 | | 0.00E+00 | 0.00E+00 | 0.02 | 8.57E-05 | 5.37E-03 | 0.00E+00 | 2.85E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 4.64E-03 | 0.00E+00 | 0.00E+00 | | 4.11E-05 | 0.00E+00 | 0.00E+00 | 1.76 | 14.33 | 3.92 | 2.04 | 0.00E+00 | | | | |
| 310 | Bennett 6 | 689908.5 | 4863100.5 | | 0.00E+00 | 0.00E+00 | 0.02 | 7.30E-05 | 4.57E-03 | 0.00E+00 | 2.43E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.95E-03 | 0.00E+00 | 0.00E+00 | | 3.50E-05 | 0.00E+00 | 0.00E+00 | 1.50 | 12.20 | 3.34 | 1.74 | 0.00E+00 | | | | |
| 311 | Bennett 7 | 688929.9 | 4864392.0 | | 0.00E+00 | 0.00E+00 | 0.03 | 9.01E-05 | 5.65E-03 | 0.00E+00 | 3.00E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 4.88E-03 | 0.00E+00 | 0.00E+00 | | 4.32E-05 | 0.00E+00 | 0.00E+00 | 1.85 | 15.07 | 4.12 | 2.15 | 0.00E+00 | | | | |
| 312 | Bennett 8 | 689684.2 | 4863837.7 | | 0.00E+00 | 0.00E+00 | 0.02 | 7.56E-05 | 4.73E-03 | 0.00E+00 | 2.51E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 4.09E-03 | 0.00E+00 | 0.00E+00 | | 3.62E-05 | 0.00E+00 | 0.00E+00 | 1.55 | 12.63 | 3.46 | 1.80 | 0.00E+00 | | | | |
| 313 | Soper 1 | 687557.9 | 4862512.4 | | 0.00E+00 | 0.00E+00 | 0.03 | 9.64E-05 | 6.04E-03 | 0.00E+00 | 3.20E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.22E-03 | 0.00E+00 | 0.00E+00 | | 4.62E-05 | 0.00E+00 | 0.00E+00 | 1.98 | 16.11 | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | 1-methylphenanthrene | 9-methylphenanthrene | Naphthalene | Perylene | Phenanthrene | Picene | Pyrene | Quinoline | Tetralin | Triphenylene | O-terphenyl | M-terphenyl | P-terphenyl | Volatile Organic Chemicals (VOC) | Acetaldehyde | Acetone | Acrolein | Benzene | Bromodichloromethane | Bromoform | Bromomethane | Butadiene, 1,3- | | | | | |
|----------|------------------|----------|-----------|-------------|--|----------------------|-------------|----------|--------------|----------|----------|-----------|----------|--------------|-------------|-------------|-------------|----------------------------------|--------------|----------|----------|----------|----------------------|-----------|--------------|-----------------|------|----------|----------|----------|---|
| | | | | | Vapour (V)/Particulate | V | V | V | V | V | V | V | V | V | V | V | V | | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | Facility Contaminant Emission Rate (g/s) | 0.00E+00 | 0.00E+00 | 1.75E-05 | 6.24E-08 | 3.91E-06 | 0.00E+00 | 2.07E-06 | 0.00E+00 | 2.06E-05 | 0.00E+00 | 3.38E-06 | 0.00E+00 | | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-08 | 0.00E+00 | 0.00E+00 | 1.28E-03 | 0.01 | 2.85E-03 | 1.49E-03 | 0.00E+00 | |
| 331 | Upper Tooley 4 | 678898.8 | 4861800.6 | | 0.00E+00 | 0.00E+00 | 0.05 | 1.90E-04 | 0.01 | 0.00E+00 | 6.33E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.12E-05 | 0.00E+00 | 0.00E+00 | 3.91 | 31.81 | 8.70 | 4.54 | 0.00E+00 | | | | | |
| 332 | Upper Tooley 5 | 680353.5 | 4862156.5 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.10E-04 | 0.01 | 0.00E+00 | 6.99E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.01E-04 | 0.00E+00 | 0.00E+00 | 4.32 | 35.16 | 9.62 | 5.01 | 0.00E+00 | | | | | |
| 333 | Upper Tooley 6 | 679818.1 | 4861625.7 | | 0.00E+00 | 0.00E+00 | 0.05 | 1.71E-04 | 0.01 | 0.00E+00 | 5.69E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 9.27E-03 | 0.00E+00 | 0.00E+00 | | 8.20E-05 | 0.00E+00 | 0.00E+00 | 4.32 | 28.60 | 7.82 | 4.08 | 0.00E+00 | | | | | |
| 334 | Robinson 1 | 678434.8 | 4860943.1 | | 0.00E+00 | 0.00E+00 | 0.08 | 3.00E-04 | 0.02 | 0.00E+00 | 9.97E-03 | 0.00E+00 | 0.10 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.44E-04 | 0.00E+00 | 0.00E+00 | 6.16 | 50.16 | 13.72 | 7.15 | 0.00E+00 | | | | | |
| 335 | Robinson 2 | 677752.6 | 4861240.6 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.08E-04 | 0.01 | 0.00E+00 | 6.90E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.95E-05 | 0.00E+00 | 0.00E+00 | 4.26 | 34.70 | 9.49 | 4.95 | 0.00E+00 | | | | | |
| 336 | Robinson 3 | 677642.2 | 4861787.2 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.60E-04 | 0.01 | 0.00E+00 | 5.33E-03 | 0.00E+00 | 0.05 | 0.00E+00 | 8.69E-03 | 0.00E+00 | 0.00E+00 | | 7.68E-05 | 0.00E+00 | 0.00E+00 | 3.29 | 26.80 | 7.33 | 3.82 | 0.00E+00 | | | | | |
| 337 | Robinson 4 | 678532.7 | 4862143.6 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.58E-04 | 9.89E-03 | 0.00E+00 | 5.25E-03 | 0.00E+00 | 0.05 | 0.00E+00 | 8.56E-03 | 0.00E+00 | 0.00E+00 | | 7.57E-05 | 0.00E+00 | 0.00E+00 | 3.24 | 26.41 | 7.22 | 3.77 | 0.00E+00 | | | | | |
| 338 | Robinson 5 | 678005.1 | 4862784.9 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.12E-04 | 6.99E-03 | 0.00E+00 | 3.71E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.04E-03 | 0.00E+00 | 0.00E+00 | | 5.35E-05 | 0.00E+00 | 0.00E+00 | 2.29 | 18.65 | 5.10 | 2.66 | 0.00E+00 | | | | | |
| 339 | Robinson 6 | 677882.7 | 4860587.7 | | 0.00E+00 | 0.00E+00 | 0.07 | 2.41E-04 | 0.02 | 0.00E+00 | 8.01E-03 | 0.00E+00 | 0.08 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.15E-04 | 0.00E+00 | 0.00E+00 | 4.94 | 40.27 | 11.01 | 5.74 | 0.00E+00 | | | | | |
| 340 | F/B 1 | 677443.1 | 4867862.1 | | 0.00E+00 | 0.00E+00 | 0.01 | 4.84E-05 | 3.03E-03 | 0.00E+00 | 1.61E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 2.62E-03 | 0.00E+00 | 0.00E+00 | | 2.32E-05 | 0.00E+00 | 0.00E+00 | 0.99 | 8.09 | 2.21 | 1.15 | 0.00E+00 | | | | | |
| 341 | F/B 2 | 679667.4 | 4866611.4 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.23E-05 | 3.90E-03 | 0.00E+00 | 2.07E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.37E-03 | 0.00E+00 | 0.00E+00 | | 2.98E-05 | 0.00E+00 | 0.00E+00 | 1.28 | 10.41 | 2.85 | 1.48 | 0.00E+00 | | | | | |
| 342 | F/B 3 | 678655.0 | 4867470.1 | | 0.00E+00 | 0.00E+00 | 0.02 | 5.56E-05 | 3.48E-03 | 0.00E+00 | 1.85E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.01E-03 | 0.00E+00 | 0.00E+00 | | 2.67E-05 | 0.00E+00 | 0.00E+00 | 1.14 | 9.30 | 2.54 | 1.33 | 0.00E+00 | | | | | |
| 343 | F/B 4 | 676191.2 | 4866844.7 | | 0.00E+00 | 0.00E+00 | 0.01 | 4.59E-05 | 2.88E-03 | 0.00E+00 | 1.53E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 2.49E-03 | 0.00E+00 | 0.00E+00 | | 2.20E-05 | 0.00E+00 | 0.00E+00 | 0.94 | 7.68 | 2.10 | 1.10 | 0.00E+00 | | | | | |
| 344 | F/B 5 | 678273.3 | 4866093.0 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.31E-05 | 3.95E-03 | 0.00E+00 | 2.10E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.42E-03 | 0.00E+00 | 0.00E+00 | | 3.02E-05 | 0.00E+00 | 0.00E+00 | 1.30 | 10.55 | 2.89 | 1.50 | 0.00E+00 | | | | | |
| 345 | F/B 6 | 681241.2 | 4867098.8 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.74E-05 | 4.23E-03 | 0.00E+00 | 2.24E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.65E-03 | 0.00E+00 | 0.00E+00 | | 3.23E-05 | 0.00E+00 | 0.00E+00 | 1.38 | 11.28 | 3.08 | 1.61 | 0.00E+00 | | | | | |
| 346 | F/B 7 | 682165.3 | 4868082.3 | | 0.00E+00 | 0.00E+00 | 0.02 | 5.66E-05 | 3.54E-03 | 0.00E+00 | 1.88E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.07E-03 | 0.00E+00 | 0.00E+00 | | 2.71E-05 | 0.00E+00 | 0.00E+00 | 1.16 | 9.46 | 2.59 | 1.35 | 0.00E+00 | | | | | |
| 347 | F/B 8 | 679366.6 | 4868628.3 | | 0.00E+00 | 0.00E+00 | 0.01 | 4.80E-05 | 3.00E-03 | 0.00E+00 | 1.59E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 2.60E-03 | 0.00E+00 | 0.00E+00 | | 2.30E-05 | 0.00E+00 | 0.00E+00 | 0.98 | 8.02 | 2.19 | 1.14 | 0.00E+00 | | | | | |
| 348 | F/B 9 | 680310.1 | 4869967.1 | | 0.00E+00 | 0.00E+00 | 0.01 | 4.16E-05 | 2.61E-03 | 0.00E+00 | 1.38E-03 | 0.00E+00 | 0.01 | 0.00E+00 | 2.26E-03 | 0.00E+00 | 0.00E+00 | | 1.99E-05 | 0.00E+00 | 0.00E+00 | 0.85 | 6.96 | 1.90 | 0.99 | 0.00E+00 | | | | | |
| 349 | F/B 10 | 676487.3 | 4869291.6 | | 0.00E+00 | 0.00E+00 | 0.01 | 4.62E-05 | 2.90E-03 | 0.00E+00 | 1.54E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 2.51E-03 | 0.00E+00 | 0.00E+00 | | 2.22E-05 | 0.00E+00 | 0.00E+00 | 0.95 | 7.73 | 2.11 | 1.10 | 0.00E+00 | | | | | |
| 350 | F/B 11 | 676851.4 | 4865409.3 | | 0.00E+00 | 0.00E+00 | 0.02 | 5.43E-05 | 3.40E-03 | 0.00E+00 | 1.81E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 2.94E-03 | 0.00E+00 | 0.00E+00 | | 2.60E-05 | 0.00E+00 | 0.00E+00 | 1.12 | 9.09 | 2.48 | 1.30 | 0.00E+00 | | | | | |
| 351 | F/B 12 | 681153.3 | 4868682.2 | | 0.00E+00 | 0.00E+00 | 0.02 | 5.39E-05 | 3.38E-03 | 0.00E+00 | 1.79E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 2.92E-03 | 0.00E+00 | 0.00E+00 | | 2.58E-05 | 0.00E+00 | 0.00E+00 | 1.11 | 9.02 | 2.47 | 1.29 | 0.00E+00 | | | | | |
| 352 | F/B 13 | 675416.3 | 4859833.9 | | 0.00E+00 | 0.00E+00 | 0.03 | 9.49E-05 | 5.94E-03 | 0.00E+00 | 3.15E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.14E-03 | 0.00E+00 | 0.00E+00 | | 4.55E-05 | 0.00E+00 | 0.00E+00 | 1.95 | 15.86 | 4.34 | 2.26 | 0.00E+00 | | | | | |
| 353 | Second 1 | 675153.4 | 4860552.8 | | 0.00E+00 | 0.00E+00 | 0.03 | 8.94E-05 | 5.60E-03 | 0.00E+00 | 2.97E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 4.85E-03 | 0.00E+00 | 0.00E+00 | | 4.29E-05 | 0.00E+00 | 0.00E+00 | 1.84 | 14.96 | 4.09 | 2.13 | 0.00E+00 | | | | | |
| 354 | Second 2 | 675297.5 | 4860891.3 | | 0.00E+00 | 0.00E+00 | 0.03 | 9.86E-05 | 6.18E-03 | 0.00E+00 | 3.28E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.34E-03 | 0.00E+00 | 0.00E+00 | | 4.73E-05 | 0.00E+00 | 0.00E+00 | 2.02 | 16.48 | 4.51 | 2.35 | 0.00E+00 | | | | | |
| 355 | Second 3 | 675647.2 | 4860644.9 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.04E-04 | 6.52E-03 | 0.00E+00 | 3.46E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.64E-03 | 0.00E+00 | 0.00E+00 | | 4.99E-05 | 0.00E+00 | 0.00E+00 | 2.14 | 17.40 | 4.76 | 2.48 | 0.00E+00 | | | | | |
| 356 | Second 4 | 675670.5 | 4860076.5 | | 0.00E+00 | 0.00E+00 | 0.03 | 9.75E-05 | 6.11E-03 | 0.00E+00 | 3.24E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.29E-03 | 0.00E+00 | 0.00E+00 | | 4.68E-05 | 0.00E+00 | 0.00E+00 | 2.00 | 16.31 | 4.46 | 2.33 | 0.00E+00 | | | | | |
| 357 | Second 5 | 676043.3 | 4860319.1 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.13E-04 | 7.06E-03 | 0.00E+00 | 3.74E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.10E-03 | 0.00E+00 | 0.00E+00 | | 5.40E-05 | 0.00E+00 | 0.00E+00 | 2.31 | 18.83 | 5.15 | 2.68 | 0.00E+00 | | | | | |
| 358 | Second 6 | 675923.4 | 4859821.4 | | 0.00E+00 | 0.00E+00 | 0.03 | 1.10E-04 | 6.87E-03 | 0.00E+00 | 3.65E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 5.94E-03 | 0.00E+00 | 0.00E+00 | | 5.26E-05 | 0.00E+00 | 0.00E+00 | 2.25 | 18.34 | 5.01 | 2.61 | 0.00E+00 | | | | | |
| 359 | McLaughlin Bay 1 | 676714.7 | 4860903.8 | | 0.00E+00 | 0.00E+00 | 0.05 | 1.69E-04 | 0.01 | 0.00E+00 | 5.61E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 9.14E-03 | 0.00E+00 | 0.00E+00 | | 8.09E-05 | 0.00E+00 | 0.00E+00 | 3.46 | 28.22 | 7.72 | 4.02 | 0.00E+00 | | | | | |
| 360 | McLaughlin Bay 2 | 677310.8 | 4860528.2 | | 0.00E+00 | 0.00E+00 | 0.05 | 1.90E-04 | 0.01 | 0.00E+00 | 6.33E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.13E-05 | 0.00E+00 | 0.00E+00 | 3.91 | 31.83 | 8.71 | 4.54 | 0.00E+00 | | | | | |
| 361 | McLaughlin Bay 3 | 676563.5 | 4860260.1 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.30E-04 | 8.13E-03 | 0.00E+00 | 4.32E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 7.04E-03 | 0.00E+00 | 0.00E+00 | | 6.22E-05 | 0.00E+00 | 0.00E+00 | 2.67 | 21.71 | 5.94 | 3.10 | 0.00E+00 | | | | | |
| 362 | McLaughlin Bay 4 | 676699.5 | 4859696.6 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.50E-04 | 9.39E-03 | 0.00E+00 | 4.99E-03 | 0.00E+00 | 0.05 | 0.00E+00 | 8.13E-03 | 0.00E+00 | 0.00E+00 | | 7.19E-05 | 0.00E+00 | 0.00E+00 | 3.08 | 25.07 | 6.86 | 3.57 | 0.00E+00 | | | | | |
| 363 | McLaughlin Bay 5 | 677560.0 | 4860060.1 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.50E-04 | 9.38E-03 | 0.00E+00 | 4.98E-03 | 0.00E+00 | 0.05 | 0.00E+00 | 8.11E-03 | 0.00E+00 | 0.00E+00 | | 7.18E-05 | 0.00E+00 | 0.00E+00 | 3.07 | 25.03 | 6.85 | 3.57 | 0.00E+00 | | | | | |
| 364 | McLaughlin Bay 6 | 678204.5 | 4859832.5 | | 0.00E+00 | 0.00E+00 | 0.04 | 1.29E-04 | 8.09E-03 | 0.00E+00 | 4.29E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.99E-03 | 0.00E+00 | 0.00E+00 | | 6.19E-05 | 0.00E+00 | 0.00E+00 | 2.65 | 21.58 | 5.90 | 3.08 | 0.00E+00 | | | | | |
| 365 | Harmony Creek 1 | 674178.3 | 4861024.2 | | 0.00E+00 | 0.00E+00 | 0.02 | 7.02E-05 | 4.40E-03 | 0.00E+00 | 2.33E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.80E-03 | 0.00E+00 | 0.00E+00 | | 3.36E-05 | 0.00E+00 | 0.00E+00 | 1.44 | 11.74 | 3.21 | 1.67 | 0.00E+00 | | | | | |
| 366 | Harmony Creek 2 | 674592.0 | 4862605.3 | | 0.00E+00 | 0.00E+00 | 0.02 | 7.70E-05 | 4.83E-03 | 0.00E+00 | 2.56E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 4.17E-03 | 0.00E+00 | 0.00E+00 | | 3.69E-05 | 0.00E+00 | 0.00E+00 | 1.58 | 12.88 | 3.52 | 1.84 | 0.00E+00 | | | | | |
| 367 | Harmony Creek 3 | 672863.4 | 4862808.0 | | 0.00E+00 | 0.00E+00 | 0.02 | 7.05E-05 | 4.42E-03 | 0.00E+00 | 2.34E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.82E-03 | 0.00E+00 | 0.00E+00 | | 3.38E-05 | 0.00E+00 | 0.00E+00 | 1.45 | 11.79 | 3.22 | 1.68 | 0.00E+00 | | | | | |
| 368 | Harmony Creek 4 | 675671.6 | 4864469.0 | | 0.00E+00 | 0.00E+00 | 0.02 | 5.66E-05 | 3.54E-03 | 0.00E+00 | 1.88E-03 | 0.00E+00 | 0.02 | 0.00E+0 | | | | | | | | | | | | | | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | 1-methylphenanthrene | 9-methylphenanthrene | Naphthalene | Perylene | Phenanthrene | Picene | Pyrene | Quinoline | Tetralin | Triphenylene | O-terphenyl | M-terphenyl | P-terphenyl | Volatile Organic Chemicals (VOC) | Acetaldehyde | Acetone | Acrolein | Benzene | Bromodichloromethane | Bromoform | Bromomethane | Butadiene, 1,3- | | | | |
|----------|-------------------|----------|-----------|-------------|------------------------|----------------------|--|----------|--------------|----------|----------|-----------|----------|--------------|-------------|-------------|-------------|----------------------------------|--------------|----------|----------|----------|----------------------|-----------|--------------|-----------------|------|----------|----------|----------|
| | | | | | Vapour (V)/Particulate | V | V | V | V | V | V | V | V | V | V | V | V | | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 0.00E+00 | 0.00E+00 | 1.75E-05 | 6.24E-08 | 3.91E-06 | 0.00E+00 | 2.07E-06 | 0.00E+00 | 2.06E-05 | 0.00E+00 | | 3.38E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-08 | 0.00E+00 | 0.00E+00 | 1.28E-03 | 0.01 | 2.85E-03 | 1.49E-03 | 0.00E+00 |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | 0.00E+00 | 0.00E+00 | 0.02 | 5.97E-05 | 3.74E-03 | 0.00E+00 | 1.98E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.23E-03 | 0.00E+00 | 0.00E+00 | | 2.86E-05 | 0.00E+00 | 0.00E+00 | 1.23 | 9.98 | 2.73 | 1.42 | 0.00E+00 | | | | |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | 0.00E+00 | 0.00E+00 | 0.01 | 5.29E-05 | 3.31E-03 | 0.00E+00 | 1.76E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 2.86E-03 | 0.00E+00 | 0.00E+00 | | 2.53E-05 | 0.00E+00 | 0.00E+00 | 1.09 | 8.84 | 2.42 | 1.26 | 0.00E+00 | | | | |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | 0.00E+00 | 0.00E+00 | 0.02 | 5.92E-05 | 3.71E-03 | 0.00E+00 | 1.97E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.21E-03 | 0.00E+00 | 0.00E+00 | | 2.84E-05 | 0.00E+00 | 0.00E+00 | 1.22 | 9.90 | 2.71 | 1.41 | 0.00E+00 | | | | |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | 0.00E+00 | 0.00E+00 | 0.02 | 6.71E-05 | 4.21E-03 | 0.00E+00 | 2.23E-03 | 0.00E+00 | 0.02 | 0.00E+00 | 3.64E-03 | 0.00E+00 | 0.00E+00 | | 3.22E-05 | 0.00E+00 | 0.00E+00 | 1.38 | 11.23 | 3.07 | 1.60 | 0.00E+00 | | | | |
| 390 | Farm Q | 677409.8 | 4861051.4 | | 0.00E+00 | 0.00E+00 | 0.06 | 2.25E-04 | 0.01 | 0.00E+00 | 7.48E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 1.08E-04 | 0.00E+00 | 0.00E+00 | 4.62 | 37.60 | 10.28 | 5.36 | 0.00E+00 | | | | |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | 0.00E+00 | 0.00E+00 | 0.02 | 8.45E-05 | 5.30E-03 | 0.00E+00 | 2.81E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 4.58E-03 | 0.00E+00 | 0.00E+00 | | 4.05E-05 | 0.00E+00 | 0.00E+00 | 1.74 | 14.14 | 3.87 | 2.02 | 0.00E+00 | | | | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Butanone, 2- | Carbon tetrachloride | Chloroform | Cumene | Dibromochloromethane | Dichlorodifluoromethane | Dichloroethane, 1,2- | Dichloroethane, trans-1,2 | Dichloroethane, 1,1- | Dichloroethane | Dichloropropane, 1,2- | Ethylbenzene | Ethylene Dibromide | Formaldehyde | Mesitylene | Styrene | Tetrachloroethene | Toluene | Trichloroethane, 1,1,1- | Trichloroethene | Trichlorofluoromethane | Trichlorotrifluoroethane | | | | |
|----------|-------------------|----------|-----------|------------------------|--------------|--|------------|----------|----------------------|-------------------------|----------------------|---------------------------|----------------------|----------------|-----------------------|--------------|--------------------|--------------|------------|----------|-------------------|----------|-------------------------|-----------------|------------------------|--------------------------|----------|----------|----------|---|
| | | | | Vapour (V)/Particulate | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 0.00E+00 | 1.78E-05 | 2.11E-05 | 0.00E+00 | 0.00E+00 | 3.60E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.34E-05 | 7.27E-03 | 0.00E+00 | 4.28E-05 | 1.67E-05 | 1.96E-03 | 0.00E+00 | 0.00E+00 | 2.34E-04 | 2.08E-03 | 5.90E-05 | 2.03E-05 | 7.11E-03 | 0.00E+00 | |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | 0.00E+00 | 0.02 | 0.02 | 0.00E+00 | 0.00E+00 | 3.44 | 0.00E+00 | 0.00E+00 | 0.02 | 6.96 | 0.00E+00 | 0.04 | 0.02 | 1.88 | 0.00E+00 | 0.00E+00 | 0.22 | 1.99 | 0.06 | 0.02 | 6.81 | 0.00E+00 | | | | |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | 0.00E+00 | 0.02 | 0.02 | 0.00E+00 | 0.00E+00 | 3.05 | 0.00E+00 | 0.00E+00 | 0.02 | 6.16 | 0.00E+00 | 0.04 | 0.01 | 1.66 | 0.00E+00 | 0.00E+00 | 0.20 | 1.76 | 0.05 | 0.02 | 6.03 | 0.00E+00 | | | | |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | 0.00E+00 | 0.02 | 0.02 | 0.00E+00 | 0.00E+00 | 3.41 | 0.00E+00 | 0.00E+00 | 0.02 | 6.90 | 0.00E+00 | 0.04 | 0.02 | 1.86 | 0.00E+00 | 0.00E+00 | 0.22 | 1.97 | 0.06 | 0.02 | 6.75 | 0.00E+00 | | | | |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | 0.00E+00 | 0.02 | 0.02 | 0.00E+00 | 0.00E+00 | 3.87 | 0.00E+00 | 0.00E+00 | 0.03 | 7.83 | 0.00E+00 | 0.05 | 0.02 | 2.11 | 0.00E+00 | 0.00E+00 | 0.25 | 2.24 | 0.06 | 0.02 | 7.66 | 0.00E+00 | | | | |
| 390 | Farm Q | 677409.8 | 4861051.4 | | 0.00E+00 | 0.06 | 0.08 | 0.00E+00 | 0.00E+00 | 12.97 | 0.00E+00 | 0.00E+00 | 0.08 | 26.21 | 0.00E+00 | 0.15 | 0.06 | 7.07 | 0.00E+00 | 0.00E+00 | 0.84 | 7.49 | 0.21 | 0.07 | 25.65 | 0.00E+00 | | | | |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | 0.00E+00 | 0.02 | 0.03 | 0.00E+00 | 0.00E+00 | 4.87 | 0.00E+00 | 0.00E+00 | 0.03 | 9.85 | 0.00E+00 | 0.06 | 0.02 | 2.66 | 0.00E+00 | 0.00E+00 | 0.32 | 2.81 | 0.08 | 0.03 | 9.64 | 0.00E+00 | | | | |



Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Vinyl chloride | Xylenes, m-, p- and o- | Phthalates | DEHP | PCLS | |
|----------|----------------------------|----------|-----------|-------------|--|------------------------|------------|----------|----------|----------|
| | | | | | Vapour (V)/Particulate | V | | V | P | |
| | | (m) | (m) | | Facility Contaminant Emission Rate (g/s) | 1.80E-03 | | 0.02 | 0.00E+00 | 0.00E+00 |
| 1 | Campground 10 | 678526.8 | 4859996.8 | | 4.72 | 65.36 | | 0.00E+00 | 0.00E+00 | |
| 2 | ECO 2 | 675490.4 | 4860360.1 | | 2.84 | 39.30 | | 0.00E+00 | 0.00E+00 | |
| 3 | Recreational 5 | 681642.0 | 4860349.3 | | 7.20 | 99.67 | | 0.00E+00 | 0.00E+00 | |
| 4 | ECO 4 | 676831.5 | 4859840.9 | | 3.97 | 54.95 | | 0.00E+00 | 0.00E+00 | |
| 5 | Bow. Valley Cons. 3 | 685767.2 | 4863879.0 | | 3.00 | 41.61 | | 0.00E+00 | 0.00E+00 | |
| 6 | ECO 6 | 679647.8 | 4859989.3 | | 3.29 | 45.57 | | 0.00E+00 | 0.00E+00 | |
| 7 | ECO 7 | 681578.8 | 4862070.1 | | 9.91 | 137.29 | | 0.00E+00 | 0.00E+00 | |
| 8 | ECO 8 | 679735.5 | 4861048.6 | | 6.99 | 96.86 | | 0.00E+00 | 0.00E+00 | |
| 9 | ECO 9 | 687219.7 | 4864249.3 | | 2.52 | 34.93 | | 0.00E+00 | 0.00E+00 | |
| 10 | ECO 10 | 686519.0 | 4861987.6 | | 3.68 | 50.91 | | 0.00E+00 | 0.00E+00 | |
| 11 | ECO 11 | 679870.4 | 4859737.9 | | 1.91 | 26.42 | | 0.00E+00 | 0.00E+00 | |
| 12 | Recreational 4 | 681575.5 | 4860557.7 | | 6.85 | 94.90 | | 0.00E+00 | 0.00E+00 | |
| 13 | Future Industrial 9 | 680704.5 | 4859857.8 | | 3.98 | 55.18 | | 0.00E+00 | 0.00E+00 | |
| 14 | Future Industrial 10 | 680608.0 | 4860719.6 | | 3.45 | 47.85 | | 0.00E+00 | 0.00E+00 | |
| 15 | Harmony Creek | 673992.4 | 4865641.4 | | 1.34 | 18.58 | | 0.00E+00 | 0.00E+00 | |
| 16 | Farewell Creek | 678079.2 | 4868822.7 | | 1.35 | 18.74 | | 0.00E+00 | 0.00E+00 | |
| 17 | Farm A | 681378.6 | 4860335.0 | | 6.40 | 88.62 | | 0.00E+00 | 0.00E+00 | |
| 18 | Farm B | 682883.4 | 4864219.7 | | 4.94 | 68.39 | | 0.00E+00 | 0.00E+00 | |
| 19 | Farm C | 678929.2 | 4865530.2 | | 2.15 | 29.73 | | 0.00E+00 | 0.00E+00 | |
| 20 | Zoo | 687216.8 | 4864835.3 | | 2.51 | 34.72 | | 0.00E+00 | 0.00E+00 | |
| 21 | Cedar Crest Beach | 686652.1 | 4861660.9 | | 4.40 | 60.98 | | 0.00E+00 | 0.00E+00 | |
| 22 | Darlington Prov Park Beach | 677844.6 | 4859718.2 | | 3.46 | 47.95 | | 0.00E+00 | 0.00E+00 | |
| 23 | OPG 1 | 682258.1 | 4860045.0 | | 6.46 | 89.42 | | 0.00E+00 | 0.00E+00 | |
| 24 | OPG 2 | 682551.4 | 4859889.1 | | 6.52 | 90.25 | | 0.00E+00 | 0.00E+00 | |
| 25 | OPG 3 | 682824.6 | 4859759.3 | | 6.63 | 91.89 | | 0.00E+00 | 0.00E+00 | |
| 26 | OPG 4 | 683021.6 | 4859937.3 | | 6.86 | 95.01 | | 0.00E+00 | 0.00E+00 | |
| 27 | OPG 5 | 683318.2 | 4859677.8 | | 5.87 | 81.24 | | 0.00E+00 | 0.00E+00 | |
| 28 | OPG 6 | 683306.9 | 4860023.0 | | 6.76 | 93.59 | | 0.00E+00 | 0.00E+00 | |
| 29 | OPG 7 | 683718.6 | 4859915.8 | | 6.05 | 83.84 | | 0.00E+00 | 0.00E+00 | |
| 30 | OPG 8 | 682702.0 | 4859998.6 | | 6.67 | 92.32 | | 0.00E+00 | 0.00E+00 | |
| 31 | OPG 9 | 684347.7 | 4861184.6 | | 5.51 | 76.30 | | 0.00E+00 | 0.00E+00 | |
| 32 | OPG 10 | 682157.2 | 4861228.2 | | 7.37 | 102.05 | | 0.00E+00 | 0.00E+00 | |
| 33 | St Marys 1 | 684557.0 | 4861070.0 | | 5.72 | 79.25 | | 0.00E+00 | 0.00E+00 | |
| 34 | St Marys 2 | 684657.3 | 4861320.8 | | 5.00 | 69.22 | | 0.00E+00 | 0.00E+00 | |
| 35 | St Marys 3 | 684905.3 | 4861154.4 | | 4.93 | 68.22 | | 0.00E+00 | 0.00E+00 | |
| 36 | Court. Subdivision 1 | 677328.4 | 4862976.1 | | 2.70 | 37.38 | | 0.00E+00 | 0.00E+00 | |
| 37 | Court. Subdivision 2 | 676187.9 | 4862611.1 | | 2.86 | 39.65 | | 0.00E+00 | 0.00E+00 | |
| 38 | Court. Subdivision 3 | 675974.8 | 4863484.1 | | 2.16 | 29.87 | | 0.00E+00 | 0.00E+00 | |
| 39 | Court. Subdivision 4 | 676606.1 | 4863214.1 | | 2.25 | 31.22 | | 0.00E+00 | 0.00E+00 | |
| 40 | Court. Subdivision 5 | 676827.1 | 4863591.4 | | 2.06 | 28.60 | | 0.00E+00 | 0.00E+00 | |
| 41 | Court. Subdivision 6 | 677200.4 | 4864074.9 | | 1.88 | 26.09 | | 0.00E+00 | 0.00E+00 | |
| 42 | Court. Subdivision 7 | 677719.8 | 4863625.1 | | 2.17 | 30.05 | | 0.00E+00 | 0.00E+00 | |
| 43 | Court. Subdivision 8 | 678271.6 | 4864200.6 | | 2.04 | 28.23 | | 0.00E+00 | 0.00E+00 | |
| 44 | Court. Subdivision 9 | 678184.4 | 4863373.6 | | 2.45 | 33.99 | | 0.00E+00 | 0.00E+00 | |
| 45 | Court. Subdivision 10 | 677179.7 | 4862499.5 | | 3.19 | 44.25 | | 0.00E+00 | 0.00E+00 | |
| 46 | Bow. Subdivision 1 | 683536.7 | 4864215.2 | | 4.35 | 60.18 | | 0.00E+00 | 0.00E+00 | |
| 47 | Bow. Subdivision 2 | 683770.0 | 4863915.1 | | 4.19 | 58.06 | | 0.00E+00 | 0.00E+00 | |
| 48 | Bow. Subdivision 3 | 683671.0 | 4863534.1 | | 4.72 | 65.42 | | 0.00E+00 | 0.00E+00 | |
| 49 | Bow. Subdivision 4 | 684501.9 | 4863847.4 | | 3.90 | 54.02 | | 0.00E+00 | 0.00E+00 | |
| 50 | Bow. Subdivision 5 | 684242.9 | 4863518.8 | | 4.06 | 56.27 | | 0.00E+00 | 0.00E+00 | |
| 51 | Bow. Subdivision 6 | 684271.4 | 4863201.5 | | 4.28 | 59.22 | | 0.00E+00 | 0.00E+00 | |
| 52 | Bow. Subdivision 7 | 683992.6 | 4862628.1 | | 5.02 | 69.57 | | 0.00E+00 | 0.00E+00 | |
| 53 | Bow. Subdivision 8 | 684608.2 | 4862956.8 | | 4.17 | 57.71 | | 0.00E+00 | 0.00E+00 | |
| 54 | Bow. Subdivision 9 | 684777.3 | 4863330.5 | | 3.78 | 52.35 | | 0.00E+00 | 0.00E+00 | |
| 55 | Bow. Subdivision 10 | 685266.0 | 4863243.1 | | 3.62 | 50.19 | | 0.00E+00 | 0.00E+00 | |



Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Vinyl chloride | Xylenes, m-, p- and o- | Phthalates | DEHP | PCL5 | |
|----------|--------------------------|----------|-----------|-------------|--|------------------------|------------|----------|----------|----------|
| | | (m) | (m) | | Vapour (V)/Particulate | V | | V | P | |
| | | | | | Facility Contaminant Emission Rate (g/s) | 1.80E-03 | | 0.02 | | 0.00E+00 |
| 56 | Osh/Court Subdivision 1 | 677396.8 | 4860977.3 | | 6.55 | 90.69 | | 0.00E+00 | 0.00E+00 | |
| 57 | Osh/Court Subdivision 2 | 676633.5 | 4860816.8 | | 4.50 | 62.32 | | 0.00E+00 | 0.00E+00 | |
| 58 | Osh/Court Subdivision 3 | 676916.0 | 4861925.0 | | 3.92 | 54.29 | | 0.00E+00 | 0.00E+00 | |
| 59 | Osh/Court Subdivision 4 | 676730.5 | 4861317.1 | | 5.20 | 72.04 | | 0.00E+00 | 0.00E+00 | |
| 60 | Osh/Court Subdivision 5 | 676087.2 | 4861392.3 | | 4.32 | 59.83 | | 0.00E+00 | 0.00E+00 | |
| 61 | Osh/Court Subdivision 6 | 676177.1 | 4861722.2 | | 3.91 | 54.19 | | 0.00E+00 | 0.00E+00 | |
| 62 | Osh/Court Subdivision 7 | 675670.7 | 4861783.2 | | 3.53 | 48.85 | | 0.00E+00 | 0.00E+00 | |
| 63 | Osh/Court Subdivision 8 | 676050.8 | 4862055.7 | | 3.59 | 49.69 | | 0.00E+00 | 0.00E+00 | |
| 64 | Osh/Court Subdivision 9 | 676636.9 | 4862134.3 | | 3.67 | 50.79 | | 0.00E+00 | 0.00E+00 | |
| 65 | Osh/Court Subdivision 10 | 676571.3 | 4861634.8 | | 4.20 | 58.19 | | 0.00E+00 | 0.00E+00 | |
| 66 | Bow. Subdivision 11 | 684649.2 | 4863182.7 | | 3.99 | 55.25 | | 0.00E+00 | 0.00E+00 | |
| 67 | Daycare B | 685172.4 | 4863933.1 | | 3.29 | 45.54 | | 0.00E+00 | 0.00E+00 | |
| 68 | Daycare C | 685452.0 | 4863104.4 | | 3.56 | 49.28 | | 0.00E+00 | 0.00E+00 | |
| 69 | Daycare D | 685527.7 | 4864693.3 | | 3.27 | 45.31 | | 0.00E+00 | 0.00E+00 | |
| 70 | Daycare E | 685735.4 | 4864790.8 | | 3.18 | 44.05 | | 0.00E+00 | 0.00E+00 | |
| 71 | Daycare F | 685520.3 | 4864854.3 | | 3.24 | 44.86 | | 0.00E+00 | 0.00E+00 | |
| 72 | Daycare G | 685441.9 | 4864878.0 | | 3.24 | 44.90 | | 0.00E+00 | 0.00E+00 | |
| 73 | Daycare H | 686364.8 | 4864707.8 | | 2.82 | 39.11 | | 0.00E+00 | 0.00E+00 | |
| 74 | Daycare I | 685721.6 | 4865127.3 | | 3.09 | 42.79 | | 0.00E+00 | 0.00E+00 | |
| 75 | Daycare J | 678256.3 | 4863565.4 | | 2.29 | 31.70 | | 0.00E+00 | 0.00E+00 | |
| 76 | Daycare K | 677694.1 | 4864043.7 | | 1.93 | 26.78 | | 0.00E+00 | 0.00E+00 | |
| 77 | Daycare L | 676479.5 | 4862526.2 | | 3.01 | 41.67 | | 0.00E+00 | 0.00E+00 | |
| 78 | Daycare M | 678320.9 | 4864763.5 | | 1.91 | 26.48 | | 0.00E+00 | 0.00E+00 | |
| 79 | Daycare N | 678513.4 | 4865058.0 | | 2.04 | 28.19 | | 0.00E+00 | 0.00E+00 | |
| 80 | Daycare O | 672788.7 | 4863936.6 | | 1.51 | 20.94 | | 0.00E+00 | 0.00E+00 | |
| 81 | Daycare P | 673952.8 | 4863592.5 | | 1.70 | 23.58 | | 0.00E+00 | 0.00E+00 | |
| 82 | Daycare Q | 671751.8 | 4864887.7 | | 1.30 | 17.99 | | 0.00E+00 | 0.00E+00 | |
| 83 | Daycare R | 685714.4 | 4864667.4 | | 3.23 | 44.71 | | 0.00E+00 | 0.00E+00 | |
| 84 | Daycare S | 684177.9 | 4863618.2 | | 4.15 | 57.45 | | 0.00E+00 | 0.00E+00 | |
| 85 | Daycare T | 678423.6 | 4864480.4 | | 2.01 | 27.88 | | 0.00E+00 | 0.00E+00 | |
| 86 | Daycare U | 685330.5 | 4863435.1 | | 3.43 | 47.50 | | 0.00E+00 | 0.00E+00 | |
| 87 | Daycare V | 685153.2 | 4863236.9 | | 3.68 | 50.93 | | 0.00E+00 | 0.00E+00 | |
| 88 | Daycare W | 672679.0 | 4862044.9 | | 2.10 | 29.15 | | 0.00E+00 | 0.00E+00 | |
| 89 | Daycare X | 672076.5 | 4865285.8 | | 1.34 | 18.51 | | 0.00E+00 | 0.00E+00 | |
| 90 | Daycare Y | 672638.0 | 4859664.4 | | 1.63 | 22.54 | | 0.00E+00 | 0.00E+00 | |
| 91 | Daycare Z | 673735.9 | 4858958.0 | | 2.10 | 29.15 | | 0.00E+00 | 0.00E+00 | |
| 92 | Daycare AA | 673121.8 | 4863385.9 | | 1.69 | 23.42 | | 0.00E+00 | 0.00E+00 | |
| 93 | Daycare BB | 673904.8 | 4862282.2 | | 2.49 | 34.44 | | 0.00E+00 | 0.00E+00 | |
| 94 | Daycare CC | 671471.6 | 4861795.3 | | 1.60 | 22.15 | | 0.00E+00 | 0.00E+00 | |
| 95 | Daycare DD | 673057.3 | 4862625.6 | | 2.13 | 29.46 | | 0.00E+00 | 0.00E+00 | |
| 96 | Daycare EE | 674917.1 | 4863957.2 | | 1.90 | 26.28 | | 0.00E+00 | 0.00E+00 | |
| 97 | Daycare FF | 671356.6 | 4862954.4 | | 1.89 | 26.18 | | 0.00E+00 | 0.00E+00 | |
| 98 | Daycare GG | 671675.5 | 4862705.8 | | 1.95 | 27.01 | | 0.00E+00 | 0.00E+00 | |
| 99 | Daycare HH | 671604.8 | 4860138.1 | | 1.49 | 20.65 | | 0.00E+00 | 0.00E+00 | |
| 100 | Daycare II | 670945.2 | 4857983.8 | | 1.23 | 17.03 | | 0.00E+00 | 0.00E+00 | |
| 101 | Daycare JJ | 677514.6 | 4864744.1 | | 1.64 | 22.72 | | 0.00E+00 | 0.00E+00 | |
| 102 | Daycare KK | 676519.9 | 4862680.1 | | 2.76 | 38.17 | | 0.00E+00 | 0.00E+00 | |
| 103 | Daycare LL | 677660.6 | 4863601.3 | | 2.18 | 30.19 | | 0.00E+00 | 0.00E+00 | |
| 104 | Court. Subdivision 11 | 677665.8 | 4863406.6 | | 2.33 | 32.32 | | 0.00E+00 | 0.00E+00 | |
| 105 | Daycare NN | 674866.3 | 4864667.2 | | 1.65 | 22.91 | | 0.00E+00 | 0.00E+00 | |
| 106 | Daycare OO | 673201.0 | 4864746.4 | | 1.46 | 20.23 | | 0.00E+00 | 0.00E+00 | |
| 107 | Daycare PP | 674794.5 | 4864915.4 | | 1.56 | 21.54 | | 0.00E+00 | 0.00E+00 | |
| 108 | Hospital | 686324.2 | 4864395.8 | | 2.85 | 39.52 | | 0.00E+00 | 0.00E+00 | |
| 109 | Hospital (Children's) | 676057.8 | 4862180.9 | | 3.56 | 49.29 | | 0.00E+00 | 0.00E+00 | |
| 110 | Hospital | 671233.2 | 4863615.9 | | 1.70 | 23.59 | | 0.00E+00 | 0.00E+00 | |



Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Vinyl chloride | Xylenes, m-, p- and o- | Phthalates | DEHP | PCL5 | |
|----------|------------------------|----------|-----------|-------------|--|------------------------|------------|----------|----------|----------|
| | | | | | Vapour (V)/Particulate | V | | V | P | |
| | | (m) | (m) | | Facility Contaminant Emission Rate (g/s) | 1.80E-03 | | 0.02 | 0.00E+00 | 0.00E+00 |
| 111 | Comm. Resp. Services | 676045.4 | 4863902.5 | | 1.93 | 26.67 | | 0.00E+00 | 0.00E+00 | |
| 112 | Hospital | 671712.7 | 4862364.1 | | 1.92 | 26.53 | | 0.00E+00 | 0.00E+00 | |
| 113 | Retirement Residence A | 684199.9 | 4864120.3 | | 3.84 | 53.16 | | 0.00E+00 | 0.00E+00 | |
| 114 | Retirement Residence B | 685483.9 | 4865150.9 | | 3.13 | 43.31 | | 0.00E+00 | 0.00E+00 | |
| 115 | Retirement Residence C | 686844.0 | 4864732.1 | | 2.66 | 36.91 | | 0.00E+00 | 0.00E+00 | |
| 116 | Retirement Residence D | 673481.7 | 4863343.4 | | 1.73 | 24.01 | | 0.00E+00 | 0.00E+00 | |
| 117 | Retirement Residence E | 671825.2 | 4864399.0 | | 1.34 | 18.62 | | 0.00E+00 | 0.00E+00 | |
| 118 | Retirement Residence F | 671606.3 | 4864536.0 | | 1.33 | 18.36 | | 0.00E+00 | 0.00E+00 | |
| 119 | Retirement Residence G | 671357.1 | 4862958.7 | | 1.89 | 26.16 | | 0.00E+00 | 0.00E+00 | |
| 120 | Retirement Residence H | 671514.0 | 4862262.9 | | 1.85 | 25.64 | | 0.00E+00 | 0.00E+00 | |
| 121 | Retirement Residence I | 672602.2 | 4863075.9 | | 1.90 | 26.33 | | 0.00E+00 | 0.00E+00 | |
| 122 | Retirement Residence J | 671719.1 | 4862893.1 | | 1.93 | 26.73 | | 0.00E+00 | 0.00E+00 | |
| 123 | Retirement Residence K | 686718.0 | 4865648.7 | | 2.68 | 37.11 | | 0.00E+00 | 0.00E+00 | |
| 124 | Retirement Residence L | 676168.7 | 4865669.9 | | 1.44 | 19.97 | | 0.00E+00 | 0.00E+00 | |
| 125 | Retirement Residence M | 676118.5 | 4863980.7 | | 1.83 | 25.37 | | 0.00E+00 | 0.00E+00 | |
| 126 | Bow. Subdivision 12 | 684649.2 | 4863182.7 | | 3.99 | 55.25 | | 0.00E+00 | 0.00E+00 | |
| 127 | Primary School B | 685384.8 | 4863575.3 | | 3.31 | 45.80 | | 0.00E+00 | 0.00E+00 | |
| 128 | Primary School C | 685021.6 | 4863952.9 | | 3.43 | 47.46 | | 0.00E+00 | 0.00E+00 | |
| 129 | Primary School D | 686237.0 | 4864085.5 | | 2.84 | 39.32 | | 0.00E+00 | 0.00E+00 | |
| 130 | Primary School E | 686719.0 | 4863734.7 | | 2.82 | 39.04 | | 0.00E+00 | 0.00E+00 | |
| 131 | Primary School F | 686357.0 | 4864754.9 | | 2.82 | 39.04 | | 0.00E+00 | 0.00E+00 | |
| 132 | Primary School G | 685502.0 | 4865013.4 | | 3.19 | 44.12 | | 0.00E+00 | 0.00E+00 | |
| 133 | Primary School H | 686726.7 | 4866061.5 | | 2.60 | 36.03 | | 0.00E+00 | 0.00E+00 | |
| 134 | Primary School I | 685186.2 | 4866568.2 | | 2.79 | 38.64 | | 0.00E+00 | 0.00E+00 | |
| 135 | Primary School J | 685965.3 | 4866979.0 | | 2.45 | 33.93 | | 0.00E+00 | 0.00E+00 | |
| 136 | Primary School K | 677709.9 | 4864726.5 | | 1.63 | 22.59 | | 0.00E+00 | 0.00E+00 | |
| 137 | Primary School L | 675988.3 | 4864270.2 | | 1.72 | 23.82 | | 0.00E+00 | 0.00E+00 | |
| 138 | Primary School M | 676608.7 | 4862739.0 | | 2.67 | 36.97 | | 0.00E+00 | 0.00E+00 | |
| 139 | Primary School N | 677222.2 | 4863759.1 | | 2.01 | 27.91 | | 0.00E+00 | 0.00E+00 | |
| 140 | Primary School O | 678154.9 | 4863872.7 | | 2.00 | 27.69 | | 0.00E+00 | 0.00E+00 | |
| 141 | Court. Subdivision 12 | 678309.6 | 4863600.8 | | 2.25 | 31.18 | | 0.00E+00 | 0.00E+00 | |
| 142 | Primary School Q | 677010.6 | 4862470.6 | | 3.17 | 43.89 | | 0.00E+00 | 0.00E+00 | |
| 143 | Primary School R | 677431.3 | 4866694.7 | | 1.52 | 21.11 | | 0.00E+00 | 0.00E+00 | |
| 144 | Primary School S | 675266.2 | 4863562.9 | | 2.08 | 28.77 | | 0.00E+00 | 0.00E+00 | |
| 145 | Primary School T | 673479.2 | 4860029.4 | | 1.62 | 22.41 | | 0.00E+00 | 0.00E+00 | |
| 146 | Primary School U | 670856.0 | 4860710.6 | | 1.46 | 20.24 | | 0.00E+00 | 0.00E+00 | |
| 147 | Primary School V | 672660.2 | 4863909.2 | | 1.52 | 21.10 | | 0.00E+00 | 0.00E+00 | |
| 148 | Primary School W | 672735.2 | 4859232.9 | | 1.87 | 25.95 | | 0.00E+00 | 0.00E+00 | |
| 149 | Primary School X | 673575.8 | 4862688.6 | | 2.13 | 29.56 | | 0.00E+00 | 0.00E+00 | |
| 150 | Primary School Y | 673710.3 | 4861969.0 | | 2.42 | 33.51 | | 0.00E+00 | 0.00E+00 | |
| 151 | Primary School Z | 672366.0 | 4859928.1 | | 1.52 | 20.98 | | 0.00E+00 | 0.00E+00 | |
| 152 | Primary School AA | 672561.7 | 4866047.1 | | 1.40 | 19.40 | | 0.00E+00 | 0.00E+00 | |
| 153 | Primary School BB | 675095.1 | 4862930.4 | | 2.23 | 30.87 | | 0.00E+00 | 0.00E+00 | |
| 154 | Primary School CC | 673242.6 | 4865197.9 | | 1.49 | 20.63 | | 0.00E+00 | 0.00E+00 | |
| 155 | Primary School DD | 674164.9 | 4863031.3 | | 1.94 | 26.81 | | 0.00E+00 | 0.00E+00 | |
| 156 | Primary School EE | 671905.6 | 4864697.8 | | 1.31 | 18.17 | | 0.00E+00 | 0.00E+00 | |
| 157 | Primary School FF | 673294.9 | 4858774.5 | | 1.79 | 24.74 | | 0.00E+00 | 0.00E+00 | |
| 158 | Primary School GG | 671659.7 | 4863120.0 | | 1.89 | 26.12 | | 0.00E+00 | 0.00E+00 | |
| 159 | Primary School HH | 673853.4 | 4866711.0 | | 1.27 | 17.58 | | 0.00E+00 | 0.00E+00 | |
| 160 | Primary School II | 672616.7 | 4862114.9 | | 2.13 | 29.45 | | 0.00E+00 | 0.00E+00 | |
| 161 | Primary School JJ | 673567.2 | 4861899.5 | | 2.34 | 32.36 | | 0.00E+00 | 0.00E+00 | |
| 162 | Primary School KK | 671791.0 | 4861954.2 | | 1.81 | 25.14 | | 0.00E+00 | 0.00E+00 | |
| 163 | Primary School LL | 673762.3 | 4864210.6 | | 1.59 | 21.96 | | 0.00E+00 | 0.00E+00 | |
| 164 | Primary School MM | 672238.8 | 4864621.3 | | 1.35 | 18.65 | | 0.00E+00 | 0.00E+00 | |
| 165 | Primary School NN | 673213.6 | 4858677.0 | | 1.70 | 23.52 | | 0.00E+00 | 0.00E+00 | |



Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Vinyl chloride | Xylenes, m-, p- and o- | Phthalates | DEHP | PCL5 | |
|----------|---------------------|----------|-----------|-------------|--|------------------------|------------|----------|----------|----------|
| | | (m) | (m) | | Vapour (V)/Particulate | V | | V | P | |
| | | | | | Facility Contaminant Emission Rate (g/s) | 1.80E-03 | | 0.02 | | 0.00E+00 |
| 166 | Primary School OO | 675474.8 | 4863221.7 | | 2.21 | 30.68 | | 0.00E+00 | 0.00E+00 | |
| 167 | Primary School PP | 672441.8 | 4858748.6 | | 1.62 | 22.49 | | 0.00E+00 | 0.00E+00 | |
| 168 | Primary School QQ | 672796.8 | 4864438.2 | | 1.41 | 19.48 | | 0.00E+00 | 0.00E+00 | |
| 169 | Primary School RR | 671351.4 | 4863284.0 | | 1.81 | 25.10 | | 0.00E+00 | 0.00E+00 | |
| 170 | Primary School SS | 673213.9 | 4862125.5 | | 2.26 | 31.33 | | 0.00E+00 | 0.00E+00 | |
| 171 | Primary School TT | 671017.9 | 4860953.7 | | 1.43 | 19.87 | | 0.00E+00 | 0.00E+00 | |
| 172 | Primary School UU | 670991.0 | 4861089.8 | | 1.40 | 19.45 | | 0.00E+00 | 0.00E+00 | |
| 173 | Primary School VV | 674150.1 | 4862294.8 | | 2.54 | 35.22 | | 0.00E+00 | 0.00E+00 | |
| 174 | Primary School WW | 672005.2 | 4861707.9 | | 1.76 | 24.33 | | 0.00E+00 | 0.00E+00 | |
| 175 | Primary School XX | 684172.1 | 4863615.6 | | 4.16 | 57.59 | | 0.00E+00 | 0.00E+00 | |
| 176 | Primary School YY | 683923.3 | 4866636.4 | | 3.00 | 41.58 | | 0.00E+00 | 0.00E+00 | |
| 177 | Primary School ZZ | 680446.0 | 4865770.5 | | 2.23 | 30.88 | | 0.00E+00 | 0.00E+00 | |
| 178 | Vacant School | 685612.9 | 4864520.0 | | 3.19 | 44.22 | | 0.00E+00 | 0.00E+00 | |
| 179 | Secondary School A | 686291.4 | 4865064.3 | | 2.82 | 39.02 | | 0.00E+00 | 0.00E+00 | |
| 180 | Secondary School B | 683875.0 | 4864741.7 | | 3.87 | 53.63 | | 0.00E+00 | 0.00E+00 | |
| 181 | Secondary School C | 684650.3 | 4866460.3 | | 2.90 | 40.14 | | 0.00E+00 | 0.00E+00 | |
| 182 | Secondary School D | 678099.5 | 4864838.2 | | 1.81 | 25.01 | | 0.00E+00 | 0.00E+00 | |
| 183 | Secondary School E | 678467.0 | 4863431.2 | | 2.40 | 33.25 | | 0.00E+00 | 0.00E+00 | |
| 184 | Secondary School F | 674144.9 | 4862762.7 | | 2.10 | 29.04 | | 0.00E+00 | 0.00E+00 | |
| 185 | Secondary School G | 673816.0 | 4864357.1 | | 1.58 | 21.95 | | 0.00E+00 | 0.00E+00 | |
| 186 | Secondary School H | 673145.4 | 4858569.0 | | 1.64 | 22.73 | | 0.00E+00 | 0.00E+00 | |
| 187 | Secondary School I | 671291.7 | 4863581.3 | | 1.74 | 24.04 | | 0.00E+00 | 0.00E+00 | |
| 188 | Secondary School J | 671443.2 | 4861664.9 | | 1.53 | 21.25 | | 0.00E+00 | 0.00E+00 | |
| 189 | Secondary School K | 673235.3 | 4860885.0 | | 1.66 | 23.00 | | 0.00E+00 | 0.00E+00 | |
| 190 | Secondary School L | 684252.7 | 4866500.5 | | 3.00 | 41.62 | | 0.00E+00 | 0.00E+00 | |
| 191 | Secondary School M | 673914.1 | 4859551.7 | | 2.13 | 29.49 | | 0.00E+00 | 0.00E+00 | |
| 192 | Secondary School N | 675051.5 | 4864177.2 | | 1.84 | 25.55 | | 0.00E+00 | 0.00E+00 | |
| 193 | Adult School | 685276.1 | 4866019.8 | | 2.74 | 37.93 | | 0.00E+00 | 0.00E+00 | |
| 194 | Bow. Valley Cons. 1 | 685356.6 | 4864521.2 | | 3.18 | 44.11 | | 0.00E+00 | 0.00E+00 | |
| 195 | Bow. Valley Cons. 2 | 685627.7 | 4864167.8 | | 3.03 | 42.02 | | 0.00E+00 | 0.00E+00 | |
| 196 | Bow. Valley Cons. 4 | 685852.7 | 4863640.2 | | 3.08 | 42.71 | | 0.00E+00 | 0.00E+00 | |
| 197 | Bow. Valley Cons. 5 | 686163.1 | 4863621.5 | | 3.01 | 41.75 | | 0.00E+00 | 0.00E+00 | |
| 198 | Bow. Valley Cons. 6 | 685931.9 | 4863380.6 | | 3.15 | 43.67 | | 0.00E+00 | 0.00E+00 | |
| 199 | Maple Grove 1 | 681688.5 | 4864717.0 | | 2.89 | 40.02 | | 0.00E+00 | 0.00E+00 | |
| 200 | Maple Grove 2 | 681768.9 | 4864631.8 | | 3.02 | 41.80 | | 0.00E+00 | 0.00E+00 | |
| 201 | Maple Grove 3 | 681894.9 | 4864506.8 | | 3.17 | 43.87 | | 0.00E+00 | 0.00E+00 | |
| 202 | Maple Grove 4 | 681974.8 | 4864443.2 | | 3.39 | 46.97 | | 0.00E+00 | 0.00E+00 | |
| 203 | Maple Grove 5 | 681942.2 | 4864676.7 | | 2.98 | 41.33 | | 0.00E+00 | 0.00E+00 | |
| 204 | Maple Grove 6 | 682053.2 | 4864586.2 | | 3.28 | 45.49 | | 0.00E+00 | 0.00E+00 | |
| 205 | Maple Grove 7 | 682168.5 | 4864631.3 | | 3.42 | 47.34 | | 0.00E+00 | 0.00E+00 | |
| 206 | Maple Grove 8 | 682261.7 | 4864520.9 | | 3.79 | 52.52 | | 0.00E+00 | 0.00E+00 | |
| 207 | Maple Grove 9 | 682382.1 | 4864589.4 | | 3.88 | 53.71 | | 0.00E+00 | 0.00E+00 | |
| 208 | Maple Grove 10 | 682459.8 | 4864499.2 | | 4.22 | 58.49 | | 0.00E+00 | 0.00E+00 | |
| 209 | Port Darlington 1 | 686227.8 | 4861159.0 | | 4.55 | 63.04 | | 0.00E+00 | 0.00E+00 | |
| 210 | Port Darlington 2 | 686184.8 | 4861252.0 | | 4.52 | 62.58 | | 0.00E+00 | 0.00E+00 | |
| 211 | Port Darlington 3 | 686151.2 | 4861286.8 | | 4.43 | 61.39 | | 0.00E+00 | 0.00E+00 | |
| 212 | Port Darlington 4 | 686351.1 | 4861341.6 | | 4.49 | 62.23 | | 0.00E+00 | 0.00E+00 | |
| 213 | Port Darlington 5 | 686406.8 | 4861448.7 | | 4.49 | 62.24 | | 0.00E+00 | 0.00E+00 | |
| 214 | Port Darlington 6 | 686504.5 | 4861604.0 | | 4.45 | 61.61 | | 0.00E+00 | 0.00E+00 | |
| 215 | Port Darlington 7 | 686703.0 | 4861789.3 | | 4.16 | 57.60 | | 0.00E+00 | 0.00E+00 | |
| 216 | Port Darlington 8 | 686895.8 | 4861960.2 | | 3.78 | 52.36 | | 0.00E+00 | 0.00E+00 | |
| 217 | Port Darlington 9 | 686867.4 | 4862119.7 | | 3.46 | 47.92 | | 0.00E+00 | 0.00E+00 | |
| 218 | Port Darlington 10 | 687190.7 | 4862048.8 | | 3.46 | 47.89 | | 0.00E+00 | 0.00E+00 | |
| 219 | Port Darlington 11 | 687524.4 | 4862126.8 | | 3.32 | 46.03 | | 0.00E+00 | 0.00E+00 | |
| 220 | Campground 1 | 678646.3 | 4860337.7 | | 8.14 | 112.69 | | 0.00E+00 | 0.00E+00 | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Vinyl chloride | Xylenes, m-, p- and o- | Phthalates | DEHP | PCL5 | |
|----------|----------------------|----------|-----------|-------------|--|------------------------|------------|----------|----------|----------|
| | | (m) | (m) | | Vapour (V)/Particulate | V | | V | P | |
| | | | | | Facility Contaminant Emission Rate (g/s) | 1.80E-03 | | 0.02 | | 0.00E+00 |
| 221 | Campground 2 | 678410.2 | 4860148.6 | | 5.74 | 79.50 | | 0.00E+00 | 0.00E+00 | |
| 222 | Campground 3 | 678651.0 | 4860054.4 | | 5.28 | 73.10 | | 0.00E+00 | 0.00E+00 | |
| 223 | Campground 4 | 678725.9 | 4859860.7 | | 4.94 | 68.49 | | 0.00E+00 | 0.00E+00 | |
| 224 | Campground 5 | 678511.1 | 4859808.6 | | 4.38 | 60.70 | | 0.00E+00 | 0.00E+00 | |
| 225 | Campground 6 | 678869.5 | 4859696.0 | | 4.33 | 59.98 | | 0.00E+00 | 0.00E+00 | |
| 226 | Campground 7 | 678723.9 | 4860201.8 | | 6.74 | 93.41 | | 0.00E+00 | 0.00E+00 | |
| 227 | Campground 8 | 678796.0 | 4860011.4 | | 5.21 | 72.14 | | 0.00E+00 | 0.00E+00 | |
| 228 | Campground 9 | 678852.7 | 4859854.2 | | 5.06 | 70.13 | | 0.00E+00 | 0.00E+00 | |
| 229 | Solina 1 | 681099.6 | 4861677.2 | | 8.00 | 110.78 | | 0.00E+00 | 0.00E+00 | |
| 230 | Solina 2 | 681115.7 | 4861857.7 | | 7.82 | 108.33 | | 0.00E+00 | 0.00E+00 | |
| 231 | Solina 3 | 680987.4 | 4861983.5 | | 6.41 | 88.72 | | 0.00E+00 | 0.00E+00 | |
| 232 | Solina 4 | 680965.0 | 4862068.1 | | 6.11 | 84.60 | | 0.00E+00 | 0.00E+00 | |
| 233 | Solina 5 | 681021.5 | 4862086.7 | | 6.28 | 87.00 | | 0.00E+00 | 0.00E+00 | |
| 234 | Solina 6 | 680939.8 | 4862124.3 | | 5.92 | 81.98 | | 0.00E+00 | 0.00E+00 | |
| 235 | Solina 7 | 680988.2 | 4862183.6 | | 5.97 | 82.66 | | 0.00E+00 | 0.00E+00 | |
| 236 | Solina 8 | 680984.6 | 4862209.8 | | 5.90 | 81.71 | | 0.00E+00 | 0.00E+00 | |
| 237 | Solina 9 | 680958.6 | 4862294.9 | | 5.71 | 79.10 | | 0.00E+00 | 0.00E+00 | |
| 238 | Solina 10 | 680858.0 | 4862324.3 | | 5.51 | 76.30 | | 0.00E+00 | 0.00E+00 | |
| 239 | Solina 11 | 680990.3 | 4862403.5 | | 5.62 | 77.89 | | 0.00E+00 | 0.00E+00 | |
| 240 | Recreational 1 | 681545.0 | 4860865.0 | | 6.21 | 86.02 | | 0.00E+00 | 0.00E+00 | |
| 241 | Recreational 2 | 681563.7 | 4860687.4 | | 6.32 | 87.51 | | 0.00E+00 | 0.00E+00 | |
| 242 | Recreational 3 | 681579.7 | 4860610.0 | | 6.65 | 92.05 | | 0.00E+00 | 0.00E+00 | |
| 243 | Recreational 6 | 681876.6 | 4860254.4 | | 7.14 | 98.95 | | 0.00E+00 | 0.00E+00 | |
| 244 | Recreational 7 | 682166.9 | 4860324.4 | | 7.51 | 103.99 | | 0.00E+00 | 0.00E+00 | |
| 245 | Darlington 1 | 679565.4 | 4861052.9 | | 6.91 | 95.77 | | 0.00E+00 | 0.00E+00 | |
| 246 | Darlington 2 | 679452.9 | 4861051.4 | | 6.92 | 95.83 | | 0.00E+00 | 0.00E+00 | |
| 247 | Darlington 3 | 679130.5 | 4860948.8 | | 8.03 | 111.21 | | 0.00E+00 | 0.00E+00 | |
| 248 | Darlington 4 | 679112.6 | 4860941.9 | | 8.07 | 111.80 | | 0.00E+00 | 0.00E+00 | |
| 249 | Darlington 5 | 679057.6 | 4860994.1 | | 8.05 | 111.49 | | 0.00E+00 | 0.00E+00 | |
| 250 | Darlington 6 | 679075.2 | 4860931.6 | | 8.12 | 112.42 | | 0.00E+00 | 0.00E+00 | |
| 251 | Darlington 7 | 678814.3 | 4860843.1 | | 9.28 | 128.55 | | 0.00E+00 | 0.00E+00 | |
| 252 | Darlington 8 | 678840.4 | 4860777.1 | | 9.51 | 131.73 | | 0.00E+00 | 0.00E+00 | |
| 253 | Light Ind. 1 | 680000.1 | 4861034.1 | | 5.86 | 81.17 | | 0.00E+00 | 0.00E+00 | |
| 254 | Light Ind. 2 | 680060.7 | 4861056.4 | | 5.74 | 79.45 | | 0.00E+00 | 0.00E+00 | |
| 255 | Light Ind. 3 | 680291.2 | 4861151.6 | | 5.40 | 74.78 | | 0.00E+00 | 0.00E+00 | |
| 256 | Light Ind. 4 | 680536.3 | 4861204.6 | | 5.41 | 74.99 | | 0.00E+00 | 0.00E+00 | |
| 257 | Light Ind. 5 | 680350.4 | 4861290.6 | | 6.24 | 86.38 | | 0.00E+00 | 0.00E+00 | |
| 258 | Light Ind. 6 | 680306.9 | 4861275.6 | | 6.20 | 85.85 | | 0.00E+00 | 0.00E+00 | |
| 259 | Light Ind. 7 | 680267.2 | 4861262.4 | | 5.94 | 82.32 | | 0.00E+00 | 0.00E+00 | |
| 260 | Light Ind. 8 | 680233.6 | 4861250.7 | | 5.60 | 77.51 | | 0.00E+00 | 0.00E+00 | |
| 261 | Light Ind. 9 | 680175.3 | 4861227.5 | | 5.48 | 75.90 | | 0.00E+00 | 0.00E+00 | |
| 262 | Light Ind. 10 | 680092.5 | 4861185.1 | | 5.69 | 78.75 | | 0.00E+00 | 0.00E+00 | |
| 263 | Light Ind. 11 | 680071.6 | 4861246.6 | | 5.67 | 78.57 | | 0.00E+00 | 0.00E+00 | |
| 264 | Light Ind. 12 | 680021.4 | 4861186.9 | | 5.84 | 80.83 | | 0.00E+00 | 0.00E+00 | |
| 265 | Future Industrial 7 | 680816.2 | 4860219.3 | | 2.91 | 40.30 | | 0.00E+00 | 0.00E+00 | |
| 266 | Future Industrial 8 | 680398.0 | 4860731.8 | | 2.94 | 40.71 | | 0.00E+00 | 0.00E+00 | |
| 267 | Future Industrial 1 | 680359.6 | 4859959.2 | | 1.94 | 26.84 | | 0.00E+00 | 0.00E+00 | |
| 268 | Future Industrial 2 | 680083.7 | 4859985.7 | | 2.04 | 28.25 | | 0.00E+00 | 0.00E+00 | |
| 269 | Future Industrial 3 | 680819.9 | 4860705.3 | | 3.52 | 48.71 | | 0.00E+00 | 0.00E+00 | |
| 270 | Future Industrial 4 | 681070.0 | 4859937.2 | | 8.45 | 117.08 | | 0.00E+00 | 0.00E+00 | |
| 271 | Future Industrial 5 | 679898.8 | 4860067.4 | | 2.56 | 35.40 | | 0.00E+00 | 0.00E+00 | |
| 272 | Future Industrial 6 | 680134.8 | 4860694.1 | | 3.52 | 48.78 | | 0.00E+00 | 0.00E+00 | |
| 273 | Future Industrial 11 | 680253.7 | 4860255.2 | | 2.32 | 32.19 | | 0.00E+00 | 0.00E+00 | |
| 274 | Future Industrial 12 | 679901.2 | 4860511.8 | | 5.02 | 69.47 | | 0.00E+00 | 0.00E+00 | |
| 275 | Farm D | 679867.8 | 4860445.4 | | 5.37 | 74.31 | | 0.00E+00 | 0.00E+00 | |



Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Vinyl chloride | Xylenes, m-, p- and o- | Phthalates | DEHP | PCL5 | |
|----------|----------------------------|----------|-----------|-------------|--|------------------------|------------|----------|----------|----------|
| | | (m) | (m) | | Vapour (V)/Particulate | V | | V | P | |
| | | | | | Facility Contaminant Emission Rate (g/s) | 1.80E-03 | | 0.02 | | 0.00E+00 |
| 276 | Farm E | 679277.0 | 4859981.5 | | 4.57 | 63.36 | | 0.00E+00 | 0.00E+00 | |
| 277 | Residence | 679387.2 | 4860648.9 | | 8.83 | 122.31 | | 0.00E+00 | 0.00E+00 | |
| 278 | Farm F | 679261.9 | 4860574.2 | | 9.46 | 131.05 | | 0.00E+00 | 0.00E+00 | |
| 279 | Residence | 680150.7 | 4861295.7 | | 5.45 | 75.54 | | 0.00E+00 | 0.00E+00 | |
| 280 | Residence | 679939.8 | 4861213.4 | | 6.00 | 83.05 | | 0.00E+00 | 0.00E+00 | |
| 281 | Farm G | 680855.7 | 4861456.9 | | 6.60 | 91.42 | | 0.00E+00 | 0.00E+00 | |
| 282 | Farm H | 681386.2 | 4861673.3 | | 9.91 | 137.21 | | 0.00E+00 | 0.00E+00 | |
| 283 | Residence | 680683.5 | 4861597.9 | | 5.87 | 81.34 | | 0.00E+00 | 0.00E+00 | |
| 284 | Business | 680064.3 | 4861343.7 | | 5.57 | 77.09 | | 0.00E+00 | 0.00E+00 | |
| 285 | Farm I | 679680.1 | 4861213.5 | | 6.69 | 92.68 | | 0.00E+00 | 0.00E+00 | |
| 286 | Farm J | 681344.8 | 4861792.9 | | 9.45 | 130.93 | | 0.00E+00 | 0.00E+00 | |
| 287 | Youth Centre | 685644.2 | 4864814.8 | | 3.22 | 44.55 | | 0.00E+00 | 0.00E+00 | |
| 288 | Bowmanville Arena | 685462.9 | 4864615.2 | | 3.26 | 45.14 | | 0.00E+00 | 0.00E+00 | |
| 289 | Bowmanville Rec Complex | 684160.3 | 4864604.5 | | 3.63 | 50.23 | | 0.00E+00 | 0.00E+00 | |
| 290 | Recreation Complex | 684586.6 | 4862406.3 | | 4.07 | 56.39 | | 0.00E+00 | 0.00E+00 | |
| 291 | Superdog Central | 681487.7 | 4865723.3 | | 2.28 | 31.54 | | 0.00E+00 | 0.00E+00 | |
| 292 | Equestrian Centre | 681567.1 | 4863670.7 | | 4.00 | 55.39 | | 0.00E+00 | 0.00E+00 | |
| 293 | Flea Market | 678574.6 | 4862819.4 | | 2.94 | 40.71 | | 0.00E+00 | 0.00E+00 | |
| 294 | Equestrian Centre | 680030.8 | 4867320.2 | | 1.60 | 22.13 | | 0.00E+00 | 0.00E+00 | |
| 295 | Courtice Community Complex | 678099.3 | 4864629.8 | | 1.82 | 25.27 | | 0.00E+00 | 0.00E+00 | |
| 296 | Former Restaurant | 679830.2 | 4860702.2 | | 5.31 | 73.53 | | 0.00E+00 | 0.00E+00 | |
| 297 | Commercial | 679364.8 | 4861016.0 | | 7.11 | 98.55 | | 0.00E+00 | 0.00E+00 | |
| 298 | GM Oshawa Headquarters | 676418.3 | 4860463.7 | | 3.89 | 53.83 | | 0.00E+00 | 0.00E+00 | |
| 299 | Farm K | 682972.3 | 4862201.9 | | 6.26 | 86.69 | | 0.00E+00 | 0.00E+00 | |
| 300 | Farm L | 683546.9 | 4861959.7 | | 5.58 | 77.31 | | 0.00E+00 | 0.00E+00 | |
| 301 | Farm M | 682547.5 | 4862321.1 | | 7.45 | 103.19 | | 0.00E+00 | 0.00E+00 | |
| 302 | Farm N | 683238.3 | 4862393.3 | | 5.62 | 77.81 | | 0.00E+00 | 0.00E+00 | |
| 303 | Farm O | 682512.6 | 4862858.0 | | 7.03 | 97.34 | | 0.00E+00 | 0.00E+00 | |
| 304 | Farm P | 683129.1 | 4863649.4 | | 5.20 | 72.08 | | 0.00E+00 | 0.00E+00 | |
| 305 | Bennett 1 | 688209.3 | 4862512.1 | | 2.80 | 38.73 | | 0.00E+00 | 0.00E+00 | |
| 306 | Bennett 2 | 687990.0 | 4863221.3 | | 2.42 | 33.54 | | 0.00E+00 | 0.00E+00 | |
| 307 | Bennett 3 | 688818.4 | 4862836.3 | | 2.36 | 32.70 | | 0.00E+00 | 0.00E+00 | |
| 308 | Bennett 4 | 689045.1 | 4863365.5 | | 2.30 | 31.90 | | 0.00E+00 | 0.00E+00 | |
| 309 | Bennett 5 | 688270.5 | 4863763.1 | | 2.47 | 34.28 | | 0.00E+00 | 0.00E+00 | |
| 310 | Bennett 6 | 689908.5 | 4863100.5 | | 2.11 | 29.19 | | 0.00E+00 | 0.00E+00 | |
| 311 | Bennett 7 | 688929.9 | 4864392.0 | | 2.60 | 36.05 | | 0.00E+00 | 0.00E+00 | |
| 312 | Bennett 8 | 689684.2 | 4863837.7 | | 2.18 | 30.22 | | 0.00E+00 | 0.00E+00 | |
| 313 | Soper 1 | 687557.9 | 4862512.4 | | 2.78 | 38.54 | | 0.00E+00 | 0.00E+00 | |
| 314 | Soper 2 | 687241.9 | 4863171.7 | | 2.63 | 36.37 | | 0.00E+00 | 0.00E+00 | |
| 315 | Soper 3 | 687023.2 | 4863903.8 | | 2.68 | 37.07 | | 0.00E+00 | 0.00E+00 | |
| 316 | Soper 4 | 688158.2 | 4865389.3 | | 2.35 | 32.61 | | 0.00E+00 | 0.00E+00 | |
| 317 | Soper 5 | 685027.3 | 4868253.9 | | 2.54 | 35.14 | | 0.00E+00 | 0.00E+00 | |
| 318 | Soper 6 | 687287.4 | 4867037.3 | | 2.41 | 33.32 | | 0.00E+00 | 0.00E+00 | |
| 319 | Soper 7 | 685683.2 | 4867148.1 | | 2.56 | 35.46 | | 0.00E+00 | 0.00E+00 | |
| 320 | Soper 8 | 686748.7 | 4865874.7 | | 2.61 | 36.19 | | 0.00E+00 | 0.00E+00 | |
| 321 | Bowmanville 1 | 687026.3 | 4862368.4 | | 2.91 | 40.32 | | 0.00E+00 | 0.00E+00 | |
| 322 | Bowmanville 2 | 686625.7 | 4863020.3 | | 2.83 | 39.18 | | 0.00E+00 | 0.00E+00 | |
| 323 | Bowmanville 3 | 683380.3 | 4865365.9 | | 3.83 | 52.99 | | 0.00E+00 | 0.00E+00 | |
| 324 | Bowmanville 4 | 683111.4 | 4867150.3 | | 2.21 | 30.54 | | 0.00E+00 | 0.00E+00 | |
| 325 | Bowmanville 5 | 682452.2 | 4869417.5 | | 1.40 | 19.45 | | 0.00E+00 | 0.00E+00 | |
| 326 | Bowmanville 6 | 684778.5 | 4864888.2 | | 3.30 | 45.65 | | 0.00E+00 | 0.00E+00 | |
| 327 | Bowmanville 7 | 684549.5 | 4866404.4 | | 2.92 | 40.39 | | 0.00E+00 | 0.00E+00 | |
| 328 | Upper Tooley 1 | 679944.8 | 4864883.1 | | 2.50 | 34.59 | | 0.00E+00 | 0.00E+00 | |
| 329 | Upper Tooley 2 | 679055.1 | 4863885.8 | | 2.72 | 37.65 | | 0.00E+00 | 0.00E+00 | |
| 330 | Upper Tooley 3 | 679714.0 | 4862767.4 | | 4.19 | 58.03 | | 0.00E+00 | 0.00E+00 | |



Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Vinyl chloride | Xylenes, m-, p- and o- | Phthalates | DEHP | PCL5 | |
|----------|------------------|----------|-----------|-------------|--|------------------------|------------|----------|----------|----------|
| | | (m) | (m) | | Vapour (V)/Particulate | V | | V | P | |
| | | | | | Facility Contaminant Emission Rate (g/s) | 1.80E-03 | | 0.02 | | 0.00E+00 |
| 331 | Upper Tooley 4 | 678898.8 | 4861800.6 | | 5.49 | 76.11 | | 0.00E+00 | 0.00E+00 | |
| 332 | Upper Tooley 5 | 680353.5 | 4862156.5 | | 6.07 | 84.12 | | 0.00E+00 | 0.00E+00 | |
| 333 | Upper Tooley 6 | 679818.1 | 4861625.7 | | 4.94 | 68.41 | | 0.00E+00 | 0.00E+00 | |
| 334 | Robinson 1 | 678434.8 | 4860943.1 | | 8.66 | 119.99 | | 0.00E+00 | 0.00E+00 | |
| 335 | Robinson 2 | 677752.6 | 4861240.6 | | 5.99 | 83.01 | | 0.00E+00 | 0.00E+00 | |
| 336 | Robinson 3 | 677642.2 | 4861787.2 | | 4.63 | 64.12 | | 0.00E+00 | 0.00E+00 | |
| 337 | Robinson 4 | 678532.7 | 4862143.6 | | 4.56 | 63.18 | | 0.00E+00 | 0.00E+00 | |
| 338 | Robinson 5 | 678005.1 | 4862784.9 | | 3.22 | 44.62 | | 0.00E+00 | 0.00E+00 | |
| 339 | Robinson 6 | 677882.7 | 4860587.7 | | 6.96 | 96.34 | | 0.00E+00 | 0.00E+00 | |
| 340 | F/B 1 | 677443.1 | 4867862.1 | | 1.40 | 19.36 | | 0.00E+00 | 0.00E+00 | |
| 341 | F/B 2 | 679667.4 | 4866611.4 | | 1.80 | 24.90 | | 0.00E+00 | 0.00E+00 | |
| 342 | F/B 3 | 678655.0 | 4867470.1 | | 1.61 | 22.24 | | 0.00E+00 | 0.00E+00 | |
| 343 | F/B 4 | 676191.2 | 4866844.7 | | 1.33 | 18.38 | | 0.00E+00 | 0.00E+00 | |
| 344 | F/B 5 | 678273.3 | 4866093.0 | | 1.82 | 25.24 | | 0.00E+00 | 0.00E+00 | |
| 345 | F/B 6 | 681241.2 | 4867098.8 | | 1.95 | 26.98 | | 0.00E+00 | 0.00E+00 | |
| 346 | F/B 7 | 682165.3 | 4868082.3 | | 1.63 | 22.63 | | 0.00E+00 | 0.00E+00 | |
| 347 | F/B 8 | 679366.6 | 4868628.3 | | 1.38 | 19.18 | | 0.00E+00 | 0.00E+00 | |
| 348 | F/B 9 | 680310.1 | 4869967.1 | | 1.20 | 16.65 | | 0.00E+00 | 0.00E+00 | |
| 349 | F/B 10 | 676487.3 | 4869291.6 | | 1.34 | 18.50 | | 0.00E+00 | 0.00E+00 | |
| 350 | F/B 11 | 676851.4 | 4865409.3 | | 1.57 | 21.74 | | 0.00E+00 | 0.00E+00 | |
| 351 | F/B 12 | 681153.3 | 4868682.2 | | 1.56 | 21.57 | | 0.00E+00 | 0.00E+00 | |
| 352 | F/B 13 | 675416.3 | 4859833.9 | | 2.74 | 37.95 | | 0.00E+00 | 0.00E+00 | |
| 353 | Second 1 | 675153.4 | 4860552.8 | | 2.58 | 35.78 | | 0.00E+00 | 0.00E+00 | |
| 354 | Second 2 | 675297.5 | 4860891.3 | | 2.85 | 39.44 | | 0.00E+00 | 0.00E+00 | |
| 355 | Second 3 | 675647.2 | 4860644.9 | | 3.01 | 41.62 | | 0.00E+00 | 0.00E+00 | |
| 356 | Second 4 | 675670.5 | 4860076.5 | | 2.82 | 39.02 | | 0.00E+00 | 0.00E+00 | |
| 357 | Second 5 | 676043.3 | 4860319.1 | | 3.25 | 45.05 | | 0.00E+00 | 0.00E+00 | |
| 358 | Second 6 | 675923.4 | 4859821.4 | | 3.17 | 43.87 | | 0.00E+00 | 0.00E+00 | |
| 359 | McLaughlin Bay 1 | 676714.7 | 4860903.8 | | 4.87 | 67.50 | | 0.00E+00 | 0.00E+00 | |
| 360 | McLaughlin Bay 2 | 677310.8 | 4860528.2 | | 5.50 | 76.16 | | 0.00E+00 | 0.00E+00 | |
| 361 | McLaughlin Bay 3 | 676563.5 | 4860260.1 | | 3.75 | 51.94 | | 0.00E+00 | 0.00E+00 | |
| 362 | McLaughlin Bay 4 | 676699.5 | 4859696.6 | | 4.33 | 59.99 | | 0.00E+00 | 0.00E+00 | |
| 363 | McLaughlin Bay 5 | 677560.0 | 4860060.1 | | 4.32 | 59.89 | | 0.00E+00 | 0.00E+00 | |
| 364 | McLaughlin Bay 6 | 678204.5 | 4859832.5 | | 3.73 | 51.63 | | 0.00E+00 | 0.00E+00 | |
| 365 | Harmony Creek 1 | 674178.3 | 4861024.2 | | 2.03 | 28.08 | | 0.00E+00 | 0.00E+00 | |
| 366 | Harmony Creek 2 | 674592.0 | 4862605.3 | | 2.23 | 30.82 | | 0.00E+00 | 0.00E+00 | |
| 367 | Harmony Creek 3 | 672863.4 | 4862808.0 | | 2.04 | 28.21 | | 0.00E+00 | 0.00E+00 | |
| 368 | Harmony Creek 4 | 675671.6 | 4864469.0 | | 1.63 | 22.62 | | 0.00E+00 | 0.00E+00 | |
| 369 | Harmony Creek 5 | 672443.1 | 4864713.0 | | 1.37 | 19.04 | | 0.00E+00 | 0.00E+00 | |
| 370 | Harmony Creek 6 | 674830.5 | 4866909.6 | | 1.27 | 17.54 | | 0.00E+00 | 0.00E+00 | |
| 371 | Harmony Creek 7 | 675799.9 | 4868594.1 | | 1.21 | 16.80 | | 0.00E+00 | 0.00E+00 | |
| 372 | Westside 1 | 686082.6 | 4862776.6 | | 2.88 | 39.91 | | 0.00E+00 | 0.00E+00 | |
| 373 | Westside 2 | 685778.7 | 4862137.9 | | 3.55 | 49.14 | | 0.00E+00 | 0.00E+00 | |
| 374 | Westside 3 | 685084.2 | 4862827.4 | | 3.76 | 52.09 | | 0.00E+00 | 0.00E+00 | |
| 375 | Darlington 1 | 680977.5 | 4865674.4 | | 2.44 | 33.85 | | 0.00E+00 | 0.00E+00 | |
| 376 | Darlington 2 | 680913.9 | 4863967.1 | | 3.52 | 48.72 | | 0.00E+00 | 0.00E+00 | |
| 377 | Darlington 3 | 682602.8 | 4863659.6 | | 5.90 | 81.75 | | 0.00E+00 | 0.00E+00 | |
| 378 | Darlington 4 | 682206.4 | 4862910.4 | | 7.37 | 102.04 | | 0.00E+00 | 0.00E+00 | |
| 379 | Darlington 5 | 683223.2 | 4861114.0 | | 8.00 | 110.80 | | 0.00E+00 | 0.00E+00 | |
| 380 | Darlington 6 | 683947.7 | 4862362.0 | | 5.23 | 72.51 | | 0.00E+00 | 0.00E+00 | |
| 381 | Darlington 7 | 685361.9 | 4861143.4 | | 4.49 | 62.21 | | 0.00E+00 | 0.00E+00 | |
| 382 | Bennett ECO/HH | 688606.4 | 4862634.8 | | 2.54 | 35.19 | | 0.00E+00 | 0.00E+00 | |
| 383 | Oshawa ECO/HH | 673884.9 | 4859128.9 | | 2.31 | 31.99 | | 0.00E+00 | 0.00E+00 | |
| 384 | Oshawa Creek 1 | 671671.2 | 4862793.7 | | 1.94 | 26.86 | | 0.00E+00 | 0.00E+00 | |
| 385 | Oshawa Creek 2 | 671668.5 | 4861589.5 | | 1.56 | 21.60 | | 0.00E+00 | 0.00E+00 | |

Appendix G- 1: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1A

| Receptor | Name | UTM E | UTM N | Contaminant | Vinyl chloride | Xylenes, m-, p- and o- | Phthalates | DEHP | PCL5 |
|----------|-------------------|----------|-----------|--|----------------|------------------------|------------|----------|----------|
| | | | | Vapour (V)/Particulate | V | V | | P | |
| | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 1.80E-03 | 0.02 | | 0.00E+00 | 0.00E+00 |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | 1.72 | 23.88 | | 0.00E+00 | 0.00E+00 |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | 1.53 | 21.14 | | 0.00E+00 | 0.00E+00 |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | 1.71 | 23.68 | | 0.00E+00 | 0.00E+00 |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | 1.94 | 26.86 | | 0.00E+00 | 0.00E+00 |
| 390 | Farm Q | 677409.8 | 4861051.4 | | 6.49 | 89.95 | | 0.00E+00 | 0.00E+00 |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | 2.44 | 33.82 | | 0.00E+00 | 0.00E+00 |

Appendix G- 2: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1A.

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Dioxins and Furans (as TEQ Toxic Equivalents) | Polychlorinated Biphenyls (PCB) | Metals | Aluminum | Antimony | Arsenic | Barium | Beryllium | Boron | Cadmium (Cd) | Cadmium and Thallium (Cd + Th) | Chromium (hexavalent) | Total Chromium (and compounds) | Cobalt | Lead (Pb) | Nickel | | | | | | | |
|----------|-------------------|----------|-----------|--|----------------------------------|---|---------------------------------|--------|----------------------------------|----------|----------|----------|-----------|----------|--------------|--------------------------------|-----------------------|--------------------------------|----------|-----------|----------|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | Vapour (V)/Particulate (P) Phase | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | | 2.48E-09 | 2.98E-06 | | 1.64E-03 | 1.13E-04 | 1.73E-05 | 8.73E-05 | 1.38E-05 | 6.32E-03 | 2.89E-04 | 1.90E-03 | 1.32E-05 | 9.29E-05 | 2.39E-04 | 2.07E-03 | 3.60E-03 | | | | | | | |
| 385 | Oshawa Creek 2 | 671668.5 | 4861589.5 | | | 5.21E-06 | 5.97E-03 | | 3.45 | 0.24 | 0.04 | 0.18 | 0.03 | 13.28 | 0.61 | 3.99 | 0.03 | 0.20 | 0.50 | 4.34 | 7.56 | | | | | | | |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | | 6.51E-06 | 7.40E-03 | | 4.32 | 0.30 | 0.05 | 0.23 | 0.04 | 16.61 | 0.76 | 4.99 | 0.03 | 0.24 | 0.63 | 5.43 | 9.46 | | | | | | | |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | | 5.30E-06 | 5.96E-03 | | 3.51 | 0.24 | 0.04 | 0.19 | 0.03 | 13.52 | 0.62 | 4.06 | 0.03 | 0.20 | 0.51 | 4.42 | 7.70 | | | | | | | |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | | 6.82E-06 | 7.64E-03 | | 4.52 | 0.31 | 0.05 | 0.24 | 0.04 | 17.38 | 0.80 | 5.23 | 0.04 | 0.26 | 0.66 | 5.68 | 9.90 | | | | | | | |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | | 5.30E-06 | 5.93E-03 | | 3.51 | 0.24 | 0.04 | 0.19 | 0.03 | 13.51 | 0.62 | 4.06 | 0.03 | 0.20 | 0.51 | 4.41 | 7.69 | | | | | | | |
| 390 | Farm Q | 677409.8 | 4861051.4 | | | 2.08E-05 | 0.02 | | 13.80 | 0.95 | 0.15 | 0.73 | 0.12 | 53.13 | 2.43 | 15.97 | 0.11 | 0.78 | 2.01 | 17.36 | 30.25 | | | | | | | |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | | 4.27E-06 | 4.79E-03 | | 2.83 | 0.20 | 0.03 | 0.15 | 0.02 | 10.89 | 0.50 | 3.27 | 0.02 | 0.16 | 0.41 | 3.56 | 6.20 | | | | | | | |

Appendix G- 2: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1A.

| Receptor | Name | UTM E | UTM N | Contaminant | Phosphorus | Silver | Selenium | Thallium | Tin | Vanadium | Zinc | Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb) | Mercury | Mercury | Mercury | Chlorinated Monocyclic Aromatics | 1,2-Dichlorobenzene | 1,2,4,5-Tetrachlorobenzene | 1,2,4-Trichlorobenzene | 2,3,4,6-Tetrachlorophenol | 2,4,6-Trichlorophenol | 2,4-Dichlorophenol | | | |
|----------|-------------------|----------|-----------|-------------|------------------------|--------|--|----------|----------|----------|----------|--|----------|----------|---------|----------------------------------|---------------------|----------------------------|------------------------|---------------------------|-----------------------|--------------------|----------|----------|----------|
| | | | | | Vapour (V)/Particulate | P | P | P | P | P | P | P | P | P | V | P | V | V | V | V | V | V | V | V | V |
| | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 1.90E-03 | 1.38E-04 | 1.98E-05 | 1.61E-03 | 7.27E-04 | 4.80E-05 | 8.24E-03 | 0.02 | | 1.24E-04 | 4.96E-04 | | 8.45E-05 | 2.13E-06 | 2.13E-06 | 7.18E-06 | 2.16E-06 | 4.25E-06 |
| 385 | Oshawa Creek 2 | 671668.5 | 4861589.5 | | 4.00 | 0.29 | 0.04 | 3.38 | 1.53 | 0.10 | 17.32 | 39.92 | | 0.24 | 1.04 | | 0.17 | 4.26E-03 | 4.26E-03 | 0.01 | 4.32E-03 | 8.51E-03 | | | |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | 5.00 | 0.36 | 0.05 | 4.23 | 1.91 | 0.13 | 21.66 | 49.94 | | 0.30 | 1.30 | | 0.21 | 5.28E-03 | 5.28E-03 | 0.02 | 5.36E-03 | 0.01 | | | |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | 4.07 | 0.30 | 0.04 | 3.45 | 1.55 | 0.10 | 17.63 | 40.64 | | 0.24 | 1.06 | | 0.17 | 4.25E-03 | 4.25E-03 | 0.01 | 4.32E-03 | 8.51E-03 | | | |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | 5.23 | 0.38 | 0.05 | 4.43 | 2.00 | 0.13 | 22.67 | 52.26 | | 0.31 | 1.36 | | 0.22 | 5.45E-03 | 5.45E-03 | 0.02 | 5.54E-03 | 0.01 | | | |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | 4.06 | 0.30 | 0.04 | 3.44 | 1.55 | 0.10 | 17.62 | 40.61 | | 0.24 | 1.06 | | 0.17 | 4.23E-03 | 4.23E-03 | 0.01 | 4.29E-03 | 8.45E-03 | | | |
| 390 | Farm Q | 677409.8 | 4861051.4 | | 15.99 | 1.16 | 0.17 | 13.54 | 6.11 | 0.40 | 69.29 | 159.72 | | 0.95 | 4.17 | | 0.66 | 0.02 | 0.02 | 0.06 | 0.02 | 0.03 | | | |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | 3.28 | 0.24 | 0.03 | 2.78 | 1.25 | 0.08 | 14.21 | 32.75 | | 0.19 | 0.85 | | 0.14 | 3.42E-03 | 3.42E-03 | 0.01 | 3.47E-03 | 6.83E-03 | | | |

Appendix G- 2: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1A.

| Receptor | Name | UTM E | UTM N | Contaminant | Pentachloro | Hexachloro | Pentachloro | Polycyclic Organic Matter | Acenaphth | Acenaphth | Anthracen | Benzo(a)an | Benzo(b)fl | Benzo(k)flu | Benzo(a)flu | Benzo(b)fl | Benzo(ghi) | Benzo(a)py | Benzo(e)py | Biphenyl | 2- chloronaph | Chrysene |
|----------|-------------------|----------|-----------|---|------------------------|------------|-------------|---------------------------------|-----------|-----------|-----------|------------|------------|-------------|-------------|------------|------------|------------|------------|----------|------------------|----------|
| | | | | | phenol | benzene | obenzene | | ylene | ene | e | thracene | uoranthen | oranthene | orene | uorene | perylene | rene | rene | | thalene | |
| | | | | | Vapour (V)/Particulate | V | V | | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 8.52E-06 | 2.13E-06 | 5.59E-06 | | 5.99E-07 | 7.68E-07 | 1.68E-07 | 6.20E-08 | 1.58E-07 | 4.17E-08 | 1.14E-06 | 7.81E-07 | 1.71E-06 | 1.42E-07 | 3.60E-07 | 1.23E-04 | 0.00E+00 | 1.56E-07 |
| 385 | Oshawa Creek 2 | 671668.5 | 4861589.5 | | 0.02 | 4.26E-03 | 0.01 | | 1.20E-03 | 1.54E-03 | 3.36E-04 | 1.24E-04 | 3.17E-04 | 8.35E-05 | 2.28E-03 | 1.56E-03 | 3.41E-03 | 2.84E-04 | 7.20E-04 | 0.25 | 0.00E+00 | 3.12E-04 |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | 0.02 | 5.28E-03 | 0.01 | | 1.49E-03 | 1.91E-03 | 4.17E-04 | 1.54E-04 | 3.93E-04 | 1.04E-04 | 2.83E-03 | 1.94E-03 | 4.23E-03 | 3.53E-04 | 8.93E-04 | 0.31 | 0.00E+00 | 3.86E-04 |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | 0.02 | 4.25E-03 | 0.01 | | 1.20E-03 | 1.54E-03 | 3.36E-04 | 1.24E-04 | 3.16E-04 | 8.34E-05 | 2.28E-03 | 1.56E-03 | 3.41E-03 | 2.84E-04 | 7.19E-04 | 0.25 | 0.00E+00 | 3.11E-04 |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | 0.02 | 5.45E-03 | 0.01 | | 1.53E-03 | 1.97E-03 | 4.31E-04 | 1.59E-04 | 4.05E-04 | 1.07E-04 | 2.92E-03 | 2.00E-03 | 4.37E-03 | 3.64E-04 | 9.22E-04 | 0.32 | 0.00E+00 | 3.99E-04 |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | 0.02 | 4.23E-03 | 0.01 | | 1.19E-03 | 1.53E-03 | 3.34E-04 | 1.23E-04 | 3.14E-04 | 8.29E-05 | 2.27E-03 | 1.55E-03 | 3.39E-03 | 2.82E-04 | 7.15E-04 | 0.24 | 0.00E+00 | 3.09E-04 |
| 390 | Farm Q | 677409.8 | 4861051.4 | | 0.07 | 0.02 | 0.04 | | 4.65E-03 | 5.96E-03 | 1.31E-03 | 4.81E-04 | 1.23E-03 | 3.24E-04 | 8.86E-03 | 6.06E-03 | 0.01 | 1.10E-03 | 2.79E-03 | 0.96 | 0.00E+00 | 1.21E-03 |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | 0.01 | 3.42E-03 | 8.97E-03 | | 9.62E-04 | 1.23E-03 | 2.70E-04 | 9.95E-05 | 2.54E-04 | 6.70E-05 | 1.83E-03 | 1.25E-03 | 2.74E-03 | 2.28E-04 | 5.78E-04 | 0.20 | 0.00E+00 | 2.50E-04 |

Appendix G- 2: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1A.

| Receptor | Name | UTM E | UTM N | Contaminant | Coronene | Dibenzo(a, c)anthracene | Dibenzo(a, h)anthracene | Dibenzo(a, e)pyrene | 9,10 – dimethylanthracene | 7,12 – dimethylbenzo(a)anthracene | Fluoranthene | Fluorine | Indeno(1,2,3 – cd)pyrene | 2 – methylanthracene | 3 – methylcholanthrene | 1 – methylnaphthalene | 2 – methylnaphthalene | 1 – methylphenanthrene | 9 – methylphenanthrene | Naphthalene | Perylene | Phenanthrene | | | | |
|----------|-------------------|----------|-----------|-------------|------------------------|-------------------------|--|---------------------|---------------------------|-----------------------------------|--------------|----------|--------------------------|----------------------|------------------------|-----------------------|-----------------------|------------------------|------------------------|-------------|----------|--------------|----------|----------|----------|---|
| | | | | | Vapour (V)/Particulate | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 0.00E+00 | 1.11E-06 | 5.00E-08 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 1.72E-06 | 1.29E-06 | 3.11E-07 | 0.00E+00 | 0.00E+00 | 4.06E-06 | 2.25E-05 | 0.00E+00 | 0.00E+00 | 1.75E-05 | 6.24E-08 | 3.91E-06 | |
| 385 | Oshawa Creek 2 | 671668.5 | 4861589.5 | | 0.00E+00 | 2.21E-03 | 1.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-03 | 2.59E-03 | 6.23E-04 | 0.00E+00 | 0.00E+00 | 8.11E-03 | 0.04 | 0.00E+00 | 0.00E+00 | 0.03 | 1.25E-04 | 7.82E-03 | | | | |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | 0.00E+00 | 2.75E-03 | 1.24E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.26E-03 | 3.21E-03 | 7.73E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.06 | 0.00E+00 | 0.00E+00 | 0.04 | 1.55E-04 | 9.70E-03 | | | | |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | 0.00E+00 | 2.21E-03 | 9.99E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.44E-03 | 2.58E-03 | 6.23E-04 | 0.00E+00 | 0.00E+00 | 8.11E-03 | 0.04 | 0.00E+00 | 0.00E+00 | 0.03 | 1.25E-04 | 7.81E-03 | | | | |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | 0.00E+00 | 2.84E-03 | 1.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.40E-03 | 3.31E-03 | 7.98E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.06 | 0.00E+00 | 0.00E+00 | 0.04 | 1.60E-04 | 0.01 | | | | |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | 0.00E+00 | 2.20E-03 | 9.93E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.41E-03 | 2.57E-03 | 6.19E-04 | 0.00E+00 | 0.00E+00 | 8.06E-03 | 0.04 | 0.00E+00 | 0.00E+00 | 0.03 | 1.24E-04 | 7.76E-03 | | | | |
| 390 | Farm Q | 677409.8 | 4861051.4 | | 0.00E+00 | 8.59E-03 | 3.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.42E-03 | 0.00E+00 | 0.00E+00 | 0.03 | 0.17 | 0.00E+00 | 0.00E+00 | 0.14 | 4.84E-04 | 0.03 | | | | |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | 0.00E+00 | 1.78E-03 | 8.03E-05 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.76E-03 | 2.08E-03 | 5.00E-04 | 0.00E+00 | 0.00E+00 | 6.51E-03 | 0.04 | 0.00E+00 | 0.00E+00 | 0.03 | 1.00E-04 | 6.27E-03 | | | | |

Appendix G- 2: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1A.

| Receptor | Name | UTM E | UTM N | Contaminant | Picene | Pyrene | Quinoline | Tetralin | Triphenylene | O-terphenyl | M-terphenyl | P-terphenyl | Volatile Organic Chemicals (VOC) | Acetaldehyde | Acetone | Acrolein | Benzene | Bromodichloromethane | Bromofor m | Bromomet hane | Butadiene, 1,3 - | Butanone, 2 - | | | | |
|----------|-------------------|----------|-----------|-------------|------------------------|----------|--|----------|--------------|-------------|-------------|-------------|----------------------------------|--------------|----------|----------|----------|----------------------|------------|---------------|------------------|---------------|----------|----------|----------|----------|
| | | | | | Vapour (V)/Particulate | V | V | V | V | V | V | V | | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 0.00E+00 | 2.07E-06 | 0.00E+00 | 2.06E-05 | 0.00E+00 | | 3.38E-06 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 2.99E-08 | 0.00E+00 | 0.00E+00 | 1.28E-03 | 0.01 | 2.85E-03 | 1.49E-03 | 0.00E+00 | 0.00E+00 |
| 385 | Oshawa Creek 2 | 671668.5 | 4861589.5 | | 0.00E+00 | 4.15E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.76E-03 | 0.00E+00 | 0.00E+00 | | 5.98E-05 | 0.00E+00 | 0.00E+00 | 2.56 | 20.87 | 5.71 | 2.97 | 0.00E+00 | 0.00E+00 | | | | |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | 0.00E+00 | 5.15E-03 | 0.00E+00 | 0.05 | 0.00E+00 | 8.39E-03 | 0.00E+00 | 0.00E+00 | | 7.42E-05 | 0.00E+00 | 0.00E+00 | 3.18 | 25.88 | 7.08 | 3.69 | 0.00E+00 | 0.00E+00 | | | | |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | 0.00E+00 | 4.15E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.76E-03 | 0.00E+00 | 0.00E+00 | | 5.98E-05 | 0.00E+00 | 0.00E+00 | 2.56 | 20.85 | 5.70 | 2.97 | 0.00E+00 | 0.00E+00 | | | | |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | 0.00E+00 | 5.31E-03 | 0.00E+00 | 0.05 | 0.00E+00 | 8.66E-03 | 0.00E+00 | 0.00E+00 | | 7.66E-05 | 0.00E+00 | 0.00E+00 | 3.28 | 26.72 | 7.31 | 3.81 | 0.00E+00 | 0.00E+00 | | | | |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | 0.00E+00 | 4.12E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 6.71E-03 | 0.00E+00 | 0.00E+00 | | 5.94E-05 | 0.00E+00 | 0.00E+00 | 2.54 | 20.72 | 5.67 | 2.95 | 0.00E+00 | 0.00E+00 | | | | |
| 390 | Farm Q | 677409.8 | 4861051.4 | | 0.00E+00 | 0.02 | 0.00E+00 | 0.16 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.32E-04 | 0.00E+00 | 0.00E+00 | 9.94 | 80.97 | 22.14 | 11.54 | 0.00E+00 | 0.00E+00 | | | | |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | 0.00E+00 | 3.33E-03 | 0.00E+00 | 0.03 | 0.00E+00 | 5.43E-03 | 0.00E+00 | 0.00E+00 | | 4.80E-05 | 0.00E+00 | 0.00E+00 | 2.06 | 16.75 | 4.58 | 2.39 | 0.00E+00 | 0.00E+00 | | | | |

Appendix G- 2: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1A.

| Receptor | Name | UTM E | UTM N | Contaminant | Carbon tetrachloride | Chloroform | Cumene | Dibromochloromethane | Dichlorodifluoromethane | Dichloroethane, 1,2 - | Dichloroethane, trans - 1,2 - | Dichloroethane, 1,1 - | Dichloroethane | Dichloropropane, 1,2 - | Ethylbenzene | Ethylene Dibromide | Formaldehyde | Mesitylene | Styrene | Tetrachloroethene | Toluene | Trichloroethane, 1,1,1 - | | | | |
|----------|-------------------|----------|-----------|-------------|------------------------|------------|--|----------------------|-------------------------|-----------------------|-------------------------------|-----------------------|----------------|------------------------|--------------|--------------------|--------------|------------|----------|-------------------|----------|--------------------------|----------|----------|----------|---|
| | | | | | Vapour (V)/Particulate | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 1.78E-05 | 2.11E-05 | 0.00E+00 | 0.00E+00 | 3.60E-03 | 0.00E+00 | 0.00E+00 | 2.34E-05 | 7.27E-03 | 0.00E+00 | 4.28E-05 | 1.67E-05 | 1.96E-03 | 0.00E+00 | 0.00E+00 | 2.34E-04 | 2.08E-03 | 5.90E-05 | |
| 385 | Oshawa Creek 2 | 671668.5 | 4861589.5 | | 0.04 | 0.04 | 0.00E+00 | 0.00E+00 | 7.19 | 0.00E+00 | 0.00E+00 | 0.05 | 14.55 | 0.00E+00 | 0.09 | 0.03 | 3.92 | 0.00E+00 | 0.00E+00 | 0.47 | 4.15 | 0.12 | | | | |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | 0.04 | 0.05 | 0.00E+00 | 0.00E+00 | 8.92 | 0.00E+00 | 0.00E+00 | 0.06 | 18.04 | 0.00E+00 | 0.11 | 0.04 | 4.87 | 0.00E+00 | 0.00E+00 | 0.58 | 5.15 | 0.15 | | | | |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | 0.04 | 0.04 | 0.00E+00 | 0.00E+00 | 7.19 | 0.00E+00 | 0.00E+00 | 0.05 | 14.54 | 0.00E+00 | 0.09 | 0.03 | 3.92 | 0.00E+00 | 0.00E+00 | 0.47 | 4.15 | 0.12 | | | | |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | 0.05 | 0.05 | 0.00E+00 | 0.00E+00 | 9.21 | 0.00E+00 | 0.00E+00 | 0.06 | 18.62 | 0.00E+00 | 0.11 | 0.04 | 5.03 | 0.00E+00 | 0.00E+00 | 0.60 | 5.32 | 0.15 | | | | |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | 0.04 | 0.04 | 0.00E+00 | 0.00E+00 | 7.14 | 0.00E+00 | 0.00E+00 | 0.05 | 14.44 | 0.00E+00 | 0.09 | 0.03 | 3.90 | 0.00E+00 | 0.00E+00 | 0.47 | 4.13 | 0.12 | | | | |
| 390 | Farm Q | 677409.8 | 4861051.4 | | 0.14 | 0.16 | 0.00E+00 | 0.00E+00 | 27.92 | 0.00E+00 | 0.00E+00 | 0.18 | 56.44 | 0.00E+00 | 0.33 | 0.13 | 15.23 | 0.00E+00 | 0.00E+00 | 1.82 | 16.12 | 0.46 | | | | |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | 0.03 | 0.03 | 0.00E+00 | 0.00E+00 | 5.77 | 0.00E+00 | 0.00E+00 | 0.04 | 11.67 | 0.00E+00 | 0.07 | 0.03 | 3.15 | 0.00E+00 | 0.00E+00 | 0.38 | 3.33 | 0.09 | | | | |

Appendix G- 2: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1A.

| Receptor | Name | UTM E | UTM N | Contaminant | Trichloroethene | Trichlorofluoromethane | Trichlorotrifluoroethane | Vinyl chloride | Xylenes, m-, p- and o- | Phthalates | DEHP | PCL5 |
|----------|--------------------------|----------|-----------|-------------|--|------------------------|--------------------------|----------------|------------------------|------------|----------|----------|
| | | | | | Vapour (V)/Particulate | V | V | V | V | V | P | |
| | | | | | Facility Contaminant Emission Rate (g/s) | 2.03E-05 | 7.11E-03 | 0.00E+00 | 1.80E-03 | 0.02 | | 0.00E+00 |
| 49 | Bow. Subdivision 4 | 684501.9 | 4863847.4 | | 0.09 | 29.84 | 0.00E+00 | 7.56 | 104.67 | | 0.00E+00 | 0.00E+00 |
| 50 | Bow. Subdivision 5 | 684242.9 | 4863518.8 | | 0.09 | 31.62 | 0.00E+00 | 8.01 | 110.91 | | 0.00E+00 | 0.00E+00 |
| 51 | Bow. Subdivision 6 | 684271.4 | 4863201.5 | | 0.08 | 29.13 | 0.00E+00 | 7.38 | 102.16 | | 0.00E+00 | 0.00E+00 |
| 52 | Bow. Subdivision 7 | 683992.6 | 4862628.1 | | 0.09 | 30.22 | 0.00E+00 | 7.65 | 105.98 | | 0.00E+00 | 0.00E+00 |
| 53 | Bow. Subdivision 8 | 684608.2 | 4862956.8 | | 0.07 | 25.66 | 0.00E+00 | 6.50 | 89.99 | | 0.00E+00 | 0.00E+00 |
| 54 | Bow. Subdivision 9 | 684777.3 | 4863330.5 | | 0.07 | 24.32 | 0.00E+00 | 6.16 | 85.30 | | 0.00E+00 | 0.00E+00 |
| 55 | Bow. Subdivision 10 | 685266.0 | 4863243.1 | | 0.06 | 20.05 | 0.00E+00 | 5.08 | 70.32 | | 0.00E+00 | 0.00E+00 |
| 56 | Osh/Court Subdivision 1 | 677396.8 | 4860977.3 | | 0.16 | 54.48 | 0.00E+00 | 13.80 | 191.09 | | 0.00E+00 | 0.00E+00 |
| 57 | Osh/Court Subdivision 2 | 676633.5 | 4860816.8 | | 0.10 | 34.32 | 0.00E+00 | 8.69 | 120.37 | | 0.00E+00 | 0.00E+00 |
| 58 | Osh/Court Subdivision 3 | 676916.0 | 4861925.0 | | 0.13 | 47.01 | 0.00E+00 | 11.90 | 164.89 | | 0.00E+00 | 0.00E+00 |
| 59 | Osh/Court Subdivision 4 | 676730.5 | 4861317.1 | | 0.12 | 43.34 | 0.00E+00 | 10.97 | 151.99 | | 0.00E+00 | 0.00E+00 |
| 60 | Osh/Court Subdivision 5 | 676087.2 | 4861392.3 | | 0.10 | 36.14 | 0.00E+00 | 9.15 | 126.75 | | 0.00E+00 | 0.00E+00 |
| 61 | Osh/Court Subdivision 6 | 676177.1 | 4861722.2 | | 0.12 | 42.82 | 0.00E+00 | 10.84 | 150.20 | | 0.00E+00 | 0.00E+00 |
| 62 | Osh/Court Subdivision 7 | 675670.7 | 4861783.2 | | 0.10 | 36.57 | 0.00E+00 | 9.26 | 128.28 | | 0.00E+00 | 0.00E+00 |
| 63 | Osh/Court Subdivision 8 | 676050.8 | 4862055.7 | | 0.13 | 44.17 | 0.00E+00 | 11.18 | 154.90 | | 0.00E+00 | 0.00E+00 |
| 64 | Osh/Court Subdivision 9 | 676636.9 | 4862134.3 | | 0.12 | 40.39 | 0.00E+00 | 10.23 | 141.65 | | 0.00E+00 | 0.00E+00 |
| 65 | Osh/Court Subdivision 10 | 676571.3 | 4861634.8 | | 0.14 | 47.71 | 0.00E+00 | 12.08 | 167.34 | | 0.00E+00 | 0.00E+00 |
| 66 | Bow. Subdivision 11 | 684649.2 | 4863182.7 | | 0.07 | 25.10 | 0.00E+00 | 6.36 | 88.04 | | 0.00E+00 | 0.00E+00 |
| 67 | Daycare B | 685172.4 | 4863933.1 | | 0.07 | 23.21 | 0.00E+00 | 5.88 | 81.40 | | 0.00E+00 | 0.00E+00 |
| 68 | Daycare C | 685452.0 | 4863104.4 | | 0.06 | 19.32 | 0.00E+00 | 4.89 | 67.75 | | 0.00E+00 | 0.00E+00 |
| 69 | Daycare D | 685527.7 | 4864693.3 | | 0.07 | 22.96 | 0.00E+00 | 5.81 | 80.52 | | 0.00E+00 | 0.00E+00 |
| 70 | Daycare E | 685735.4 | 4864790.8 | | 0.06 | 21.87 | 0.00E+00 | 5.54 | 76.69 | | 0.00E+00 | 0.00E+00 |
| 71 | Daycare F | 685520.3 | 4864854.3 | | 0.07 | 22.94 | 0.00E+00 | 5.81 | 80.46 | | 0.00E+00 | 0.00E+00 |
| 72 | Daycare G | 685441.9 | 4864878.0 | | 0.07 | 23.14 | 0.00E+00 | 5.86 | 81.17 | | 0.00E+00 | 0.00E+00 |
| 73 | Daycare H | 686364.8 | 4864707.8 | | 0.05 | 17.75 | 0.00E+00 | 4.49 | 62.25 | | 0.00E+00 | 0.00E+00 |
| 74 | Daycare I | 685721.6 | 4865127.3 | | 0.06 | 22.33 | 0.00E+00 | 5.65 | 78.31 | | 0.00E+00 | 0.00E+00 |
| 75 | Daycare J | 678256.3 | 4863565.4 | | 0.08 | 26.39 | 0.00E+00 | 6.68 | 92.55 | | 0.00E+00 | 0.00E+00 |
| 76 | Daycare K | 677694.1 | 4864043.7 | | 0.06 | 20.61 | 0.00E+00 | 5.22 | 72.27 | | 0.00E+00 | 0.00E+00 |
| 77 | Daycare L | 676479.5 | 4862526.2 | | 0.08 | 29.39 | 0.00E+00 | 7.44 | 103.09 | | 0.00E+00 | 0.00E+00 |
| 78 | Daycare M | 678320.9 | 4864763.5 | | 0.06 | 21.99 | 0.00E+00 | 5.57 | 77.13 | | 0.00E+00 | 0.00E+00 |
| 79 | Daycare N | 678513.4 | 4865058.0 | | 0.07 | 22.77 | 0.00E+00 | 5.77 | 79.87 | | 0.00E+00 | 0.00E+00 |
| 80 | Daycare O | 672788.7 | 4863936.6 | | 0.05 | 17.20 | 0.00E+00 | 4.35 | 60.31 | | 0.00E+00 | 0.00E+00 |
| 81 | Daycare P | 673952.8 | 4863592.5 | | 0.05 | 18.75 | 0.00E+00 | 4.75 | 65.76 | | 0.00E+00 | 0.00E+00 |
| 82 | Daycare Q | 671751.8 | 4864887.7 | | 0.04 | 12.64 | 0.00E+00 | 3.20 | 44.34 | | 0.00E+00 | 0.00E+00 |
| 83 | Daycare R | 685714.4 | 4864667.4 | | 0.06 | 22.44 | 0.00E+00 | 5.68 | 78.70 | | 0.00E+00 | 0.00E+00 |
| 84 | Daycare S | 684177.9 | 4863618.2 | | 0.09 | 31.91 | 0.00E+00 | 8.08 | 111.91 | | 0.00E+00 | 0.00E+00 |
| 85 | Daycare T | 678423.6 | 4864480.4 | | 0.07 | 23.36 | 0.00E+00 | 5.92 | 81.94 | | 0.00E+00 | 0.00E+00 |
| 86 | Daycare U | 685330.5 | 4863435.1 | | 0.06 | 20.49 | 0.00E+00 | 5.19 | 71.86 | | 0.00E+00 | 0.00E+00 |
| 87 | Daycare V | 685153.2 | 4863236.9 | | 0.06 | 21.14 | 0.00E+00 | 5.35 | 74.14 | | 0.00E+00 | 0.00E+00 |
| 88 | Daycare W | 672679.0 | 4862044.9 | | 0.05 | 17.91 | 0.00E+00 | 4.54 | 62.83 | | 0.00E+00 | 0.00E+00 |
| 89 | Daycare X | 672076.5 | 4865285.8 | | 0.03 | 11.97 | 0.00E+00 | 3.03 | 41.97 | | 0.00E+00 | 0.00E+00 |
| 90 | Daycare Y | 672638.0 | 4859664.4 | | 0.04 | 13.50 | 0.00E+00 | 3.42 | 47.34 | | 0.00E+00 | 0.00E+00 |
| 91 | Daycare Z | 673735.9 | 4858958.0 | | 0.03 | 11.82 | 0.00E+00 | 2.99 | 41.46 | | 0.00E+00 | 0.00E+00 |
| 92 | Daycare AA | 673121.8 | 4863385.9 | | 0.06 | 21.24 | 0.00E+00 | 5.38 | 74.49 | | 0.00E+00 | 0.00E+00 |
| 93 | Daycare BB | 673904.8 | 4862282.2 | | 0.08 | 26.85 | 0.00E+00 | 6.80 | 94.16 | | 0.00E+00 | 0.00E+00 |
| 94 | Daycare CC | 671471.6 | 4861795.3 | | 0.04 | 13.45 | 0.00E+00 | 3.41 | 47.17 | | 0.00E+00 | 0.00E+00 |
| 95 | Daycare DD | 673057.3 | 4862625.6 | | 0.07 | 23.65 | 0.00E+00 | 5.99 | 82.94 | | 0.00E+00 | 0.00E+00 |
| 96 | Daycare EE | 674917.1 | 4863957.2 | | 0.05 | 15.96 | 0.00E+00 | 4.04 | 55.96 | | 0.00E+00 | 0.00E+00 |



Appendix G- 2: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1A.

| Receptor | Name | UTM E (m) | UTM N (m) | Contaminant Vapour (V)/Particulate Facility Contaminant Emission Rate (g/s) | Trichloroet hene | Trichlorofl uorometha ne | Trichlorotri fluoroetha ne | Vinyl chloride | Xylenes, m , p- and o- | Phthalates | DEHP | PCL5 |
|----------|------------------------|--------------|--------------|--|---------------------|--------------------------------|----------------------------------|-------------------|---------------------------|------------|----------|----------|
| | | | | | V | V | V | V | V | P | | |
| | | | | | 2.03E-05 | 7.11E-03 | 0.00E+00 | 1.80E-03 | 0.02 | 0.00E+00 | 0.00E+00 | |
| 97 | Daycare FF | 671356.6 | 4862954.4 | | 0.05 | 17.51 | 0.00E+00 | 4.43 | 61.43 | | 0.00E+00 | 0.00E+00 |
| 98 | Daycare GG | 671675.5 | 4862705.8 | | 0.05 | 17.70 | 0.00E+00 | 4.48 | 62.09 | | 0.00E+00 | 0.00E+00 |
| 99 | Daycare HH | 671604.8 | 4860138.1 | | 0.04 | 12.35 | 0.00E+00 | 3.13 | 43.31 | | 0.00E+00 | 0.00E+00 |
| 100 | Daycare II | 670945.2 | 4857983.8 | | 0.02 | 7.64 | 0.00E+00 | 1.93 | 26.78 | | 0.00E+00 | 0.00E+00 |
| 101 | Daycare JJ | 677514.6 | 4864744.1 | | 0.05 | 18.67 | 0.00E+00 | 4.73 | 65.49 | | 0.00E+00 | 0.00E+00 |
| 102 | Daycare KK | 676519.9 | 4862680.1 | | 0.08 | 28.10 | 0.00E+00 | 7.11 | 98.55 | | 0.00E+00 | 0.00E+00 |
| 103 | Daycare LL | 677660.6 | 4863601.3 | | 0.07 | 25.78 | 0.00E+00 | 6.53 | 90.43 | | 0.00E+00 | 0.00E+00 |
| 104 | Court. Subdivision 11 | 677665.8 | 4863406.6 | | 0.09 | 31.12 | 0.00E+00 | 7.88 | 109.16 | | 0.00E+00 | 0.00E+00 |
| 105 | Daycare NN | 674866.3 | 4864667.2 | | 0.04 | 14.88 | 0.00E+00 | 3.77 | 52.18 | | 0.00E+00 | 0.00E+00 |
| 106 | Daycare OO | 673201.0 | 4864746.4 | | 0.04 | 13.97 | 0.00E+00 | 3.54 | 49.00 | | 0.00E+00 | 0.00E+00 |
| 107 | Daycare PP | 674794.5 | 4864915.4 | | 0.04 | 14.62 | 0.00E+00 | 3.70 | 51.29 | | 0.00E+00 | 0.00E+00 |
| 108 | Hospital | 686324.2 | 4864395.8 | | 0.05 | 17.82 | 0.00E+00 | 4.51 | 62.52 | | 0.00E+00 | 0.00E+00 |
| 109 | Hospital (Children's) | 676057.8 | 4862180.9 | | 0.12 | 41.68 | 0.00E+00 | 10.55 | 146.18 | | 0.00E+00 | 0.00E+00 |
| 110 | Hospital | 671233.2 | 4863615.9 | | 0.05 | 17.98 | 0.00E+00 | 4.55 | 63.05 | | 0.00E+00 | 0.00E+00 |
| 111 | Comm. Resp. Services | 676045.4 | 4863902.5 | | 0.06 | 20.32 | 0.00E+00 | 5.15 | 71.28 | | 0.00E+00 | 0.00E+00 |
| 112 | Hospital | 671712.7 | 4862364.1 | | 0.05 | 16.00 | 0.00E+00 | 4.05 | 56.10 | | 0.00E+00 | 0.00E+00 |
| 113 | Retirement Residence A | 684199.9 | 4864120.3 | | 0.09 | 30.28 | 0.00E+00 | 7.67 | 106.21 | | 0.00E+00 | 0.00E+00 |
| 114 | Retirement Residence B | 685483.9 | 4865150.9 | | 0.06 | 22.66 | 0.00E+00 | 5.74 | 79.49 | | 0.00E+00 | 0.00E+00 |
| 115 | Retirement Residence C | 686844.0 | 4864732.1 | | 0.05 | 15.89 | 0.00E+00 | 4.02 | 55.74 | | 0.00E+00 | 0.00E+00 |
| 116 | Retirement Residence D | 673481.7 | 4863343.4 | | 0.06 | 21.95 | 0.00E+00 | 5.56 | 76.99 | | 0.00E+00 | 0.00E+00 |
| 117 | Retirement Residence E | 671825.2 | 4864399.0 | | 0.04 | 15.00 | 0.00E+00 | 3.80 | 52.62 | | 0.00E+00 | 0.00E+00 |
| 118 | Retirement Residence F | 671606.3 | 4864536.0 | | 0.04 | 14.37 | 0.00E+00 | 3.64 | 50.40 | | 0.00E+00 | 0.00E+00 |
| 119 | Retirement Residence G | 671357.1 | 4862958.7 | | 0.05 | 17.66 | 0.00E+00 | 4.47 | 61.93 | | 0.00E+00 | 0.00E+00 |
| 120 | Retirement Residence H | 671514.0 | 4862262.9 | | 0.04 | 14.88 | 0.00E+00 | 3.77 | 52.20 | | 0.00E+00 | 0.00E+00 |
| 121 | Retirement Residence I | 672602.2 | 4863075.9 | | 0.06 | 22.35 | 0.00E+00 | 5.66 | 78.40 | | 0.00E+00 | 0.00E+00 |
| 122 | Retirement Residence J | 671719.1 | 4862893.1 | | 0.05 | 18.92 | 0.00E+00 | 4.79 | 66.35 | | 0.00E+00 | 0.00E+00 |
| 123 | Retirement Residence K | 686718.0 | 4865648.7 | | 0.05 | 18.52 | 0.00E+00 | 4.69 | 64.95 | | 0.00E+00 | 0.00E+00 |
| 124 | Retirement Residence L | 676168.7 | 4865669.9 | | 0.04 | 14.44 | 0.00E+00 | 3.66 | 50.64 | | 0.00E+00 | 0.00E+00 |
| 125 | Retirement Residence M | 676118.5 | 4863980.7 | | 0.06 | 20.86 | 0.00E+00 | 5.28 | 73.18 | | 0.00E+00 | 0.00E+00 |
| 126 | Bow. Subdivision 12 | 684649.2 | 4863182.7 | | 0.07 | 25.12 | 0.00E+00 | 6.36 | 88.12 | | 0.00E+00 | 0.00E+00 |
| 127 | Primary School B | 685384.8 | 4863575.3 | | 0.06 | 20.58 | 0.00E+00 | 5.21 | 72.18 | | 0.00E+00 | 0.00E+00 |
| 128 | Primary School C | 685021.6 | 4863952.9 | | 0.07 | 25.16 | 0.00E+00 | 6.37 | 88.23 | | 0.00E+00 | 0.00E+00 |
| 129 | Primary School D | 686237.0 | 4864085.5 | | 0.05 | 17.61 | 0.00E+00 | 4.46 | 61.77 | | 0.00E+00 | 0.00E+00 |
| 130 | Primary School E | 686719.0 | 4863734.7 | | 0.04 | 15.04 | 0.00E+00 | 3.81 | 52.74 | | 0.00E+00 | 0.00E+00 |
| 131 | Primary School F | 686357.0 | 4864754.9 | | 0.05 | 18.42 | 0.00E+00 | 4.66 | 64.60 | | 0.00E+00 | 0.00E+00 |
| 132 | Primary School G | 685502.0 | 4865013.4 | | 0.07 | 23.19 | 0.00E+00 | 5.87 | 81.32 | | 0.00E+00 | 0.00E+00 |
| 133 | Primary School H | 686726.7 | 4866061.5 | | 0.05 | 18.17 | 0.00E+00 | 4.60 | 63.74 | | 0.00E+00 | 0.00E+00 |
| 134 | Primary School I | 685186.2 | 4866568.2 | | 0.05 | 18.63 | 0.00E+00 | 4.72 | 65.34 | | 0.00E+00 | 0.00E+00 |
| 135 | Primary School J | 685965.3 | 4866979.0 | | 0.05 | 16.51 | 0.00E+00 | 4.18 | 57.90 | | 0.00E+00 | 0.00E+00 |
| 136 | Primary School K | 677709.9 | 4864726.5 | | 0.06 | 19.38 | 0.00E+00 | 4.91 | 67.98 | | 0.00E+00 | 0.00E+00 |
| 137 | Primary School L | 675988.3 | 4864270.2 | | 0.06 | 20.25 | 0.00E+00 | 5.13 | 71.04 | | 0.00E+00 | 0.00E+00 |
| 138 | Primary School M | 676608.7 | 4862739.0 | | 0.08 | 26.73 | 0.00E+00 | 6.77 | 93.76 | | 0.00E+00 | 0.00E+00 |
| 139 | Primary School N | 677222.2 | 4863759.1 | | 0.08 | 28.37 | 0.00E+00 | 7.18 | 99.51 | | 0.00E+00 | 0.00E+00 |
| 140 | Primary School O | 678154.9 | 4863872.7 | | 0.07 | 24.18 | 0.00E+00 | 6.12 | 84.81 | | 0.00E+00 | 0.00E+00 |
| 141 | Court. Subdivision 12 | 678309.6 | 4863600.8 | | 0.08 | 26.49 | 0.00E+00 | 6.71 | 92.90 | | 0.00E+00 | 0.00E+00 |
| 142 | Primary School Q | 677010.6 | 4862470.6 | | 0.09 | 29.95 | 0.00E+00 | 7.58 | 105.03 | | 0.00E+00 | 0.00E+00 |
| 143 | Primary School R | 677431.3 | 4866694.7 | | 0.04 | 15.09 | 0.00E+00 | 3.82 | 52.93 | | 0.00E+00 | 0.00E+00 |
| 144 | Primary School S | 675266.2 | 4863562.9 | | 0.05 | 19.01 | 0.00E+00 | 4.81 | 66.68 | | 0.00E+00 | 0.00E+00 |



Appendix G- 2: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1A.

| Receptor | Name | UTM E | UTM N | Contaminant | Trichloroethene | Trichlorofluoromethane | Trichlorotrifluoroethane | Vinyl chloride | Xylenes, m-, p- and o- | Phthalates | DEHP | PCL5 |
|----------|--------------------|----------|-----------|-------------|--|------------------------|--------------------------|----------------|------------------------|------------|----------|----------|
| | | | | | Vapour (V)/Particulate | V | V | V | V | V | P | |
| | | | | | Facility Contaminant Emission Rate (g/s) | 2.03E-05 | 7.11E-03 | 0.00E+00 | 1.80E-03 | 0.02 | | 0.00E+00 |
| 145 | Primary School T | 673479.2 | 4860029.4 | | 0.05 | 16.54 | 0.00E+00 | 4.19 | 58.03 | | 0.00E+00 | 0.00E+00 |
| 146 | Primary School U | 670856.0 | 4860710.6 | | 0.03 | 12.06 | 0.00E+00 | 3.05 | 42.30 | | 0.00E+00 | 0.00E+00 |
| 147 | Primary School V | 672660.2 | 4863909.2 | | 0.05 | 17.65 | 0.00E+00 | 4.47 | 61.90 | | 0.00E+00 | 0.00E+00 |
| 148 | Primary School W | 672735.2 | 4859232.9 | | 0.04 | 12.59 | 0.00E+00 | 3.19 | 44.15 | | 0.00E+00 | 0.00E+00 |
| 149 | Primary School X | 673575.8 | 4862688.6 | | 0.07 | 26.14 | 0.00E+00 | 6.62 | 91.68 | | 0.00E+00 | 0.00E+00 |
| 150 | Primary School Y | 673710.3 | 4861969.0 | | 0.06 | 22.76 | 0.00E+00 | 5.76 | 79.81 | | 0.00E+00 | 0.00E+00 |
| 151 | Primary School Z | 672366.0 | 4859928.1 | | 0.04 | 13.59 | 0.00E+00 | 3.44 | 47.65 | | 0.00E+00 | 0.00E+00 |
| 152 | Primary School AA | 672561.7 | 4866047.1 | | 0.03 | 9.58 | 0.00E+00 | 2.43 | 33.60 | | 0.00E+00 | 0.00E+00 |
| 153 | Primary School BB | 675095.1 | 4862930.4 | | 0.07 | 24.59 | 0.00E+00 | 6.23 | 86.24 | | 0.00E+00 | 0.00E+00 |
| 154 | Primary School CC | 673242.6 | 4865197.9 | | 0.03 | 11.33 | 0.00E+00 | 2.87 | 39.75 | | 0.00E+00 | 0.00E+00 |
| 155 | Primary School DD | 674164.9 | 4863031.3 | | 0.07 | 24.79 | 0.00E+00 | 6.28 | 86.96 | | 0.00E+00 | 0.00E+00 |
| 156 | Primary School EE | 671905.6 | 4864697.8 | | 0.04 | 13.40 | 0.00E+00 | 3.39 | 47.01 | | 0.00E+00 | 0.00E+00 |
| 157 | Primary School FF | 673294.9 | 4858774.5 | | 0.03 | 10.48 | 0.00E+00 | 2.65 | 36.76 | | 0.00E+00 | 0.00E+00 |
| 158 | Primary School GG | 671659.7 | 4863120.0 | | 0.06 | 19.27 | 0.00E+00 | 4.88 | 67.59 | | 0.00E+00 | 0.00E+00 |
| 159 | Primary School HH | 673853.4 | 4866711.0 | | 0.04 | 12.32 | 0.00E+00 | 3.12 | 43.21 | | 0.00E+00 | 0.00E+00 |
| 160 | Primary School II | 672616.7 | 4862114.9 | | 0.05 | 18.23 | 0.00E+00 | 4.62 | 63.95 | | 0.00E+00 | 0.00E+00 |
| 161 | Primary School JJ | 673567.2 | 4861899.5 | | 0.06 | 21.35 | 0.00E+00 | 5.41 | 74.87 | | 0.00E+00 | 0.00E+00 |
| 162 | Primary School KK | 671791.0 | 4861954.2 | | 0.04 | 14.72 | 0.00E+00 | 3.73 | 51.61 | | 0.00E+00 | 0.00E+00 |
| 163 | Primary School LL | 673762.3 | 4864210.6 | | 0.05 | 15.90 | 0.00E+00 | 4.03 | 55.77 | | 0.00E+00 | 0.00E+00 |
| 164 | Primary School MM | 672238.8 | 4864621.3 | | 0.04 | 13.56 | 0.00E+00 | 3.43 | 47.56 | | 0.00E+00 | 0.00E+00 |
| 165 | Primary School NN | 673213.6 | 4858677.0 | | 0.03 | 10.09 | 0.00E+00 | 2.55 | 35.38 | | 0.00E+00 | 0.00E+00 |
| 166 | Primary School OO | 675474.8 | 4863221.7 | | 0.06 | 21.89 | 0.00E+00 | 5.54 | 76.79 | | 0.00E+00 | 0.00E+00 |
| 167 | Primary School PP | 672441.8 | 4858748.6 | | 0.03 | 9.78 | 0.00E+00 | 2.48 | 34.32 | | 0.00E+00 | 0.00E+00 |
| 168 | Primary School QQ | 672796.8 | 4864438.2 | | 0.04 | 14.07 | 0.00E+00 | 3.56 | 49.35 | | 0.00E+00 | 0.00E+00 |
| 169 | Primary School RR | 671351.4 | 4863284.0 | | 0.05 | 18.44 | 0.00E+00 | 4.67 | 64.67 | | 0.00E+00 | 0.00E+00 |
| 170 | Primary School SS | 673213.9 | 4862125.5 | | 0.06 | 21.31 | 0.00E+00 | 5.40 | 74.74 | | 0.00E+00 | 0.00E+00 |
| 171 | Primary School TT | 671017.9 | 4860953.7 | | 0.04 | 13.51 | 0.00E+00 | 3.42 | 47.40 | | 0.00E+00 | 0.00E+00 |
| 172 | Primary School UU | 670991.0 | 4861089.8 | | 0.04 | 13.99 | 0.00E+00 | 3.54 | 49.09 | | 0.00E+00 | 0.00E+00 |
| 173 | Primary School VV | 674150.1 | 4862294.8 | | 0.08 | 28.77 | 0.00E+00 | 7.29 | 100.92 | | 0.00E+00 | 0.00E+00 |
| 174 | Primary School WW | 672005.2 | 4861707.9 | | 0.04 | 14.78 | 0.00E+00 | 3.74 | 51.85 | | 0.00E+00 | 0.00E+00 |
| 175 | Primary School XX | 684172.1 | 4863615.6 | | 0.09 | 32.09 | 0.00E+00 | 8.13 | 112.56 | | 0.00E+00 | 0.00E+00 |
| 176 | Primary School YY | 683923.3 | 4866636.4 | | 0.06 | 19.88 | 0.00E+00 | 5.03 | 69.73 | | 0.00E+00 | 0.00E+00 |
| 177 | Primary School ZZ | 680446.0 | 4865770.5 | | 0.05 | 19.23 | 0.00E+00 | 4.87 | 67.45 | | 0.00E+00 | 0.00E+00 |
| 178 | Vacant School | 685612.9 | 4864520.0 | | 0.06 | 22.70 | 0.00E+00 | 5.75 | 79.62 | | 0.00E+00 | 0.00E+00 |
| 179 | Secondary School A | 686291.4 | 4865064.3 | | 0.06 | 19.81 | 0.00E+00 | 5.02 | 69.48 | | 0.00E+00 | 0.00E+00 |
| 180 | Secondary School B | 683875.0 | 4864741.7 | | 0.08 | 27.70 | 0.00E+00 | 7.01 | 97.14 | | 0.00E+00 | 0.00E+00 |
| 181 | Secondary School C | 684650.3 | 4866460.3 | | 0.06 | 20.00 | 0.00E+00 | 5.06 | 70.14 | | 0.00E+00 | 0.00E+00 |
| 182 | Secondary School D | 678099.5 | 4864838.2 | | 0.06 | 20.47 | 0.00E+00 | 5.18 | 71.78 | | 0.00E+00 | 0.00E+00 |
| 183 | Secondary School E | 678467.0 | 4863431.2 | | 0.08 | 28.44 | 0.00E+00 | 7.20 | 99.76 | | 0.00E+00 | 0.00E+00 |
| 184 | Secondary School F | 674144.9 | 4862762.7 | | 0.08 | 27.75 | 0.00E+00 | 7.03 | 97.33 | | 0.00E+00 | 0.00E+00 |
| 185 | Secondary School G | 673816.0 | 4864357.1 | | 0.04 | 15.33 | 0.00E+00 | 3.88 | 53.78 | | 0.00E+00 | 0.00E+00 |
| 186 | Secondary School H | 673145.4 | 4858569.0 | | 0.03 | 9.95 | 0.00E+00 | 2.52 | 34.90 | | 0.00E+00 | 0.00E+00 |
| 187 | Secondary School I | 671291.7 | 4863581.3 | | 0.05 | 18.18 | 0.00E+00 | 4.60 | 63.77 | | 0.00E+00 | 0.00E+00 |
| 188 | Secondary School J | 671443.2 | 4861664.9 | | 0.04 | 13.62 | 0.00E+00 | 3.45 | 47.78 | | 0.00E+00 | 0.00E+00 |
| 189 | Secondary School K | 673235.3 | 4860885.0 | | 0.05 | 19.24 | 0.00E+00 | 4.87 | 67.49 | | 0.00E+00 | 0.00E+00 |
| 190 | Secondary School L | 684252.7 | 4866500.5 | | 0.06 | 19.69 | 0.00E+00 | 4.99 | 69.07 | | 0.00E+00 | 0.00E+00 |
| 191 | Secondary School M | 673914.1 | 4859551.7 | | 0.05 | 15.98 | 0.00E+00 | 4.05 | 56.06 | | 0.00E+00 | 0.00E+00 |
| 192 | Secondary School N | 675051.5 | 4864177.2 | | 0.04 | 15.44 | 0.00E+00 | 3.91 | 54.17 | | 0.00E+00 | 0.00E+00 |



Appendix G- 2: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1A.

| Receptor | Name | UTM E | UTM N | Contaminant | Trichloroethene | Trichlorofluoromethane | Trichlorotrifluoroethane | Vinyl chloride | Xylenes, m-, p- and o- | Phthalates | DEHP | PCL5 |
|----------|-------------------|----------|-----------|-------------|------------------------|------------------------|--|----------------|------------------------|------------|----------|----------|
| | | | | | Vapour (V)/Particulate | V | V | V | V | V | P | |
| | | | | | (m) | (m) | Facility Contaminant Emission Rate (g/s) | 2.03E-05 | 7.11E-03 | 0.00E+00 | 1.80E-03 | 0.02 |
| 385 | Oshawa Creek 2 | 671668.5 | 4861589.5 | | 0.04 | 14.23 | 0.00E+00 | 3.60 | 49.92 | | 0.00E+00 | 0.00E+00 |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | 0.05 | 17.65 | 0.00E+00 | 4.47 | 61.92 | | 0.00E+00 | 0.00E+00 |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | 0.04 | 14.22 | 0.00E+00 | 3.60 | 49.88 | | 0.00E+00 | 0.00E+00 |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | 0.05 | 18.22 | 0.00E+00 | 4.61 | 63.91 | | 0.00E+00 | 0.00E+00 |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | 0.04 | 14.13 | 0.00E+00 | 3.58 | 49.57 | | 0.00E+00 | 0.00E+00 |
| 390 | Farm Q | 677409.8 | 4861051.4 | | 0.16 | 55.23 | 0.00E+00 | 13.98 | 193.70 | | 0.00E+00 | 0.00E+00 |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | 0.03 | 11.42 | 0.00E+00 | 2.89 | 40.06 | | 0.00E+00 | 0.00E+00 |

Appendix G-3: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Dioxins (as TEQ Toxic Equivalents) | Polychlorinated Biphenyls (PCB) | Metals | Aluminum | Antimony | Arsenic | Barium | Beryllium | Boron | Cadmium (Cd) | Cadmium and Thallium (Cd + Th) | Chromium (hexavalent) | Total Chromium (and compounds) | Cobalt | Lead (Pb) | Nickel | Phosphorus | Silver | Selenium | Thallium | Tin | | |
|----------|-------------------|----------|-----------|----------------------------------|----------------------------------|--|---------------------------------|----------|----------|----------|----------|----------|-----------|----------|--------------|--------------------------------|-----------------------|--------------------------------|----------|-----------|----------|------------|--------|----------|----------|----------|----------|----------|
| | | | | Vapour (V)/Particulate (P) Phase | | P | V | | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| | | | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | | 7.02E-09 | 8.44E-06 | | 4.65E-03 | 3.20E-04 | 4.91E-05 | 2.47E-04 | 3.90E-05 | 0.02 | 8.19E-04 | 5.38E-03 | 3.74E-05 | 2.63E-04 | 6.78E-04 | 5.85E-03 | 0.01 | 5.38E-03 | 3.92E-04 | 5.61E-05 | 4.56E-03 | 2.06E-03 |
| 379 | Darlington 5 | 683223.2 | 4861114.0 | | | 4.31E-05 | 0.03 | | 28.54 | 1.97 | 0.30 | 1.52 | 0.24 | 109.83 | 5.02 | 33.02 | 0.23 | 1.62 | 4.16 | 35.89 | 62.53 | 33.05 | 2.41 | 0.34 | 28.00 | 12.63 | | |
| 380 | Darlington 6 | 683947.7 | 4862362.0 | | | 2.89E-06 | 0.02 | | 1.91 | 0.13 | 0.02 | 0.10 | 0.02 | 7.37 | 0.34 | 2.22 | 0.02 | 0.11 | 0.28 | 2.41 | 4.20 | 2.22 | 0.16 | 0.02 | 1.88 | 0.85 | | |
| 381 | Darlington 7 | 685361.9 | 4861143.4 | | | 2.76E-05 | 0.02 | | 18.27 | 1.26 | 0.19 | 0.97 | 0.15 | 70.32 | 3.22 | 21.14 | 0.15 | 1.03 | 2.66 | 22.98 | 40.04 | 21.16 | 1.54 | 0.22 | 17.92 | 8.09 | | |
| 382 | Bennett ECO/HH | 688606.4 | 4862634.8 | | | 4.08E-06 | 0.01 | | 2.70 | 0.19 | 0.03 | 0.14 | 0.02 | 10.41 | 0.48 | 3.13 | 0.02 | 0.15 | 0.39 | 3.40 | 5.93 | 3.13 | 0.23 | 0.03 | 2.65 | 1.20 | | |
| 383 | Oshawa ECO/HH | 673884.9 | 4859128.9 | | | 3.50E-06 | 9.01E-03 | | 2.32 | 0.16 | 0.02 | 0.12 | 0.02 | 8.94 | 0.41 | 2.69 | 0.02 | 0.13 | 0.34 | 2.92 | 5.09 | 2.69 | 0.20 | 0.03 | 2.28 | 1.03 | | |
| 384 | Oshawa Creek 1 | 671671.2 | 4862793.7 | | | 1.07E-05 | 7.98E-03 | | 7.08 | 0.49 | 0.07 | 0.38 | 0.06 | 27.24 | 1.25 | 8.19 | 0.06 | 0.40 | 1.03 | 8.90 | 15.51 | 8.20 | 0.60 | 0.09 | 6.94 | 3.13 | | |
| 385 | Oshawa Creek 2 | 671668.5 | 4861589.5 | | | 1.08E-05 | 6.41E-03 | | 7.18 | 0.49 | 0.08 | 0.38 | 0.06 | 27.63 | 1.26 | 8.31 | 0.06 | 0.41 | 1.05 | 9.03 | 15.73 | 8.31 | 0.61 | 0.09 | 7.04 | 3.18 | | |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | | 1.42E-05 | 7.17E-03 | | 9.39 | 0.65 | 0.10 | 0.50 | 0.08 | 36.15 | 1.65 | 10.87 | 0.08 | 0.53 | 1.37 | 11.82 | 20.59 | 10.88 | 0.79 | 0.11 | 9.22 | 4.16 | | |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | | 7.45E-06 | 6.20E-03 | | 4.94 | 0.34 | 0.05 | 0.26 | 0.04 | 19.00 | 0.87 | 5.71 | 0.04 | 0.28 | 0.72 | 6.21 | 10.82 | 5.72 | 0.42 | 0.06 | 4.84 | 2.19 | | |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | | 7.57E-06 | 7.46E-03 | | 5.01 | 0.35 | 0.05 | 0.27 | 0.04 | 19.29 | 0.88 | 5.80 | 0.04 | 0.28 | 0.73 | 6.30 | 10.98 | 5.81 | 0.42 | 0.06 | 4.92 | 2.22 | | |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | | 5.85E-06 | 8.17E-03 | | 3.88 | 0.27 | 0.04 | 0.21 | 0.03 | 14.93 | 0.68 | 4.49 | 0.03 | 0.22 | 0.57 | 4.88 | 8.50 | 4.49 | 0.33 | 0.05 | 3.80 | 1.72 | | |
| 390 | Farmer | 677409.8 | 4861051.4 | | | 5.67E-06 | 0.03 | | 3.76 | 0.26 | 0.04 | 0.20 | 0.03 | 14.47 | 0.66 | 4.35 | 0.03 | 0.21 | 0.55 | 4.73 | 8.24 | 4.35 | 0.32 | 0.05 | 3.69 | 1.66 | | |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | | 7.68E-06 | 0.01 | | 5.09 | 0.35 | 0.05 | 0.27 | 0.04 | 19.57 | 0.90 | 5.88 | 0.04 | 0.29 | 0.74 | 6.40 | 11.14 | 5.89 | 0.43 | 0.06 | 4.99 | 2.25 | | |



Appendix G-3: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Vanadium | Zinc | Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb) | Mercury | Vapour | Particulate | Chlorinated Monocyclic Aromatics | 1,2-Dichlorobenzene | 1,2,4,5-Tetrachlorobenzene | 1,2,4-Trichlorobenzene | 2,3,4,6-Tetrachlorophenol | 2,4,6-Trichlorophenol | 2,4-Dichlorophenol | Pentachlorophenol | Hexachlorobenzene | Pentachlorobenzene | Polycyclic Organic Matter | Acenaphthylene | Acenaphthene | Anthracene | Benzo(a)anthracene |
|----------|-------------------|----------|-----------|--|----------------------------------|----------|--------|--|---------|----------|-------------|----------------------------------|---------------------|----------------------------|------------------------|---------------------------|-----------------------|--------------------|-------------------|-------------------|--------------------|---------------------------|----------------|--------------|------------|--------------------|
| | | | | Vapour (V)/Particulate (P) Phase | | P | P | P | | V | P | | V | V | V | V | V | V | V | V | V | | V | V | V | V |
| | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | | 1.36E-04 | 0.02 | 0.05 | | 3.51E-04 | 1.40E-03 | | 2.39E-04 | 6.02E-06 | 6.02E-06 | 2.03E-05 | 6.12E-06 | 1.20E-05 | 2.41E-05 | 6.02E-06 | 1.58E-05 | | 1.70E-06 | 2.18E-06 | 4.76E-07 | 1.75E-07 |
| 379 | Darlington 5 | 683223.2 | 4861114.0 | | | 0.83 | 143.24 | 330.21 | | 7.05 | 8.61 | | 0.85 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.09 | 0.02 | 0.06 | | 6.00E-03 | 7.70E-03 | 1.69E-03 | 6.21E-04 |
| 380 | Darlington 6 | 683947.7 | 4862362.0 | | | 0.06 | 9.61 | 22.16 | | 4.67 | 0.58 | | 0.56 | 0.01 | 0.01 | 0.05 | 0.01 | 0.03 | 0.06 | 0.01 | 0.04 | | 3.99E-03 | 5.12E-03 | 1.12E-03 | 4.13E-04 |
| 381 | Darlington 7 | 685361.9 | 4861143.4 | | | 0.53 | 91.71 | 211.42 | | 4.13 | 5.52 | | 0.51 | 0.01 | 0.01 | 0.04 | 0.01 | 0.03 | 0.05 | 0.01 | 0.03 | | 3.58E-03 | 4.60E-03 | 1.01E-03 | 3.71E-04 |
| 382 | Bennett ECO/HH | 688606.4 | 4862634.8 | | | 0.08 | 13.57 | 31.29 | | 2.31 | 0.82 | | 0.29 | 7.40E-03 | 7.40E-03 | 0.02 | 7.51E-03 | 0.01 | 0.03 | 7.40E-03 | 0.02 | | 2.08E-03 | 2.67E-03 | 5.84E-04 | 2.15E-04 |
| 383 | Oshawa ECO/HH | 673884.9 | 4859128.9 | | | 0.07 | 11.65 | 26.86 | | 2.03 | 0.70 | | 0.26 | 6.43E-03 | 6.43E-03 | 0.02 | 6.53E-03 | 0.01 | 0.03 | 6.43E-03 | 0.02 | | 1.81E-03 | 2.32E-03 | 5.08E-04 | 1.87E-04 |
| 384 | Oshawa Creek 1 | 671671.2 | 4862793.7 | | | 0.21 | 35.52 | 81.89 | | 1.78 | 2.14 | | 0.23 | 5.70E-03 | 5.70E-03 | 0.02 | 5.79E-03 | 0.01 | 0.02 | 5.70E-03 | 0.01 | | 1.60E-03 | 2.06E-03 | 4.50E-04 | 1.66E-04 |
| 385 | Oshawa Creek 2 | 671668.5 | 4861589.5 | | | 0.21 | 36.03 | 83.06 | | 1.42 | 2.17 | | 0.18 | 4.57E-03 | 4.57E-03 | 0.02 | 4.64E-03 | 9.14E-03 | 0.02 | 4.57E-03 | 0.01 | | 1.29E-03 | 1.65E-03 | 3.61E-04 | 1.33E-04 |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | | 0.27 | 47.15 | 108.70 | | 1.61 | 2.84 | | 0.20 | 5.12E-03 | 5.12E-03 | 0.02 | 5.20E-03 | 0.01 | 0.02 | 5.12E-03 | 0.01 | | 1.44E-03 | 1.85E-03 | 4.04E-04 | 1.49E-04 |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | | 0.14 | 24.78 | 57.13 | | 1.37 | 1.49 | | 0.18 | 4.43E-03 | 4.43E-03 | 0.01 | 4.50E-03 | 8.85E-03 | 0.02 | 4.43E-03 | 0.01 | | 1.25E-03 | 1.60E-03 | 3.50E-04 | 1.29E-04 |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | | 0.15 | 25.16 | 58.00 | | 1.69 | 1.51 | | 0.21 | 5.32E-03 | 5.32E-03 | 0.02 | 5.41E-03 | 0.01 | 0.02 | 5.32E-03 | 0.01 | | 1.50E-03 | 1.92E-03 | 4.21E-04 | 1.55E-04 |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | | 0.11 | 19.47 | 44.87 | | 1.82 | 1.17 | | 0.23 | 5.83E-03 | 5.83E-03 | 0.02 | 5.92E-03 | 0.01 | 0.02 | 5.83E-03 | 0.02 | | 1.64E-03 | 2.11E-03 | 4.61E-04 | 1.70E-04 |
| 390 | Farmer | 677409.8 | 4861051.4 | | | 0.11 | 18.87 | 43.49 | | 6.00 | 1.13 | | 0.72 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.07 | 0.02 | 0.05 | | 5.13E-03 | 6.57E-03 | 1.44E-03 | 5.30E-04 |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | | 0.15 | 25.53 | 58.85 | | 2.38 | 1.54 | | 0.30 | 7.47E-03 | 7.47E-03 | 0.03 | 7.59E-03 | 0.01 | 0.03 | 7.47E-03 | 0.02 | | 2.10E-03 | 2.70E-03 | 5.90E-04 | 2.18E-04 |

Appendix G-3: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)fluorene | Benzo(b)fluorene | Benzo(ghi)perylene | Benzo(a)pyrene | Benzo(e)pyrene | Biphenyl | 2-chloronaphthalene | Chrysene | Coronene | Dibenzo(a,c)anthracene | Dibenzo(a,h)anthracene | Dibenzo(a,e)pyrene | 9,10-dimethylanthracene | 7,12-dimethylbenzo(a)anthracene | Fluoranthene | Fluorine | Indeno(1,2,3-cd)pyrene | 2-methylanthracene | 3-methylanthracene | 1-methylnaphthalene | | | | | |
|----------|-------------------|----------|-----------|--|----------------------------------|----------------------|----------------------|------------------|------------------|--------------------|----------------|----------------|----------|---------------------|----------|----------|------------------------|------------------------|--------------------|-------------------------|---------------------------------|--------------|----------|------------------------|--------------------|--------------------|---------------------|---|---|---|----------|---|
| | | | | Vapour (V)/Particulate (P) Phase | | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | Updated Facility Contaminant Emission Rate (g/s) | | (m) | (m) | | 4.48E-07 | 1.18E-07 | 3.23E-06 | 2.21E-06 | 4.83E-06 | 4.02E-07 | 1.02E-06 | 3.49E-04 | | 4.41E-07 | | 3.13E-06 | 1.42E-07 | | | | 4.87E-06 | 3.66E-06 | 8.82E-07 | | | | 1.15E-05 | |
| 379 | Darlington 5 | 683223.2 | 4861114.0 | | | 1.59E-03 | 4.18E-04 | 0.01 | 7.83E-03 | 0.02 | 1.42E-03 | 3.61E-03 | 1.24 | 0.00E+00 | 1.56E-03 | 0.00E+00 | 0.01 | 5.01E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 3.12E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | | | | |
| 380 | Darlington 6 | 683947.7 | 4862362.0 | | | 1.05E-03 | 2.78E-04 | 7.61E-03 | 5.21E-03 | 0.01 | 9.47E-04 | 2.40E-03 | 0.82 | 0.00E+00 | 1.04E-03 | 0.00E+00 | 7.38E-03 | 3.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 8.62E-03 | 2.08E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | |
| 381 | Darlington 7 | 685361.9 | 4861143.4 | | | 9.47E-04 | 2.50E-04 | 6.83E-03 | 4.67E-03 | 0.01 | 8.50E-04 | 2.15E-03 | 0.74 | 0.00E+00 | 9.32E-04 | 0.00E+00 | 6.63E-03 | 2.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 7.74E-03 | 1.86E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | |
| 382 | Bennett ECO/HH | 688606.4 | 4862634.8 | | | 5.50E-04 | 1.45E-04 | 3.97E-03 | 2.72E-03 | 5.93E-03 | 4.94E-04 | 1.25E-03 | 0.43 | 0.00E+00 | 5.41E-04 | 0.00E+00 | 3.85E-03 | 1.74E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.97E-03 | 4.49E-03 | 1.08E-03 | 0.00E+00 | 0.00E+00 | 0.01 | | | | | |
| 383 | Oshawa ECO/HH | 673884.9 | 4859128.9 | | | 4.78E-04 | 1.26E-04 | 3.45E-03 | 2.36E-03 | 5.15E-03 | 4.29E-04 | 1.09E-03 | 0.37 | 0.00E+00 | 4.70E-04 | 0.00E+00 | 3.34E-03 | 1.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.19E-03 | 3.91E-03 | 9.41E-04 | 0.00E+00 | 0.00E+00 | 0.01 | | | | | |
| 384 | Oshawa Creek 1 | 671671.2 | 4862793.7 | | | 4.24E-04 | 1.12E-04 | 3.06E-03 | 2.09E-03 | 4.57E-03 | 3.80E-04 | 9.63E-04 | 0.33 | 0.00E+00 | 4.17E-04 | 0.00E+00 | 2.96E-03 | 1.34E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.60E-03 | 3.46E-03 | 8.34E-04 | 0.00E+00 | 0.00E+00 | 0.01 | | | | | |
| 385 | Oshawa Creek 2 | 671668.5 | 4861589.5 | | | 3.40E-04 | 8.96E-05 | 2.45E-03 | 1.68E-03 | 3.67E-03 | 3.05E-04 | 7.73E-04 | 0.26 | 0.00E+00 | 3.35E-04 | 0.00E+00 | 2.38E-03 | 1.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.69E-03 | 2.78E-03 | 6.69E-04 | 0.00E+00 | 0.00E+00 | 8.71E-03 | | | | | |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | | 3.80E-04 | 1.00E-04 | 2.75E-03 | 1.88E-03 | 4.10E-03 | 3.42E-04 | 8.65E-04 | 0.30 | 0.00E+00 | 3.74E-04 | 0.00E+00 | 2.66E-03 | 1.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.13E-03 | 3.11E-03 | 7.49E-04 | 0.00E+00 | 0.00E+00 | 9.75E-03 | | | | | |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | | 3.29E-04 | 8.68E-05 | 2.38E-03 | 1.63E-03 | 3.55E-03 | 2.96E-04 | 7.49E-04 | 0.26 | 0.00E+00 | 3.24E-04 | 0.00E+00 | 2.30E-03 | 1.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3.58E-03 | 2.69E-03 | 6.48E-04 | 0.00E+00 | 0.00E+00 | 8.44E-03 | | | | | |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | | 3.96E-04 | 1.04E-04 | 2.86E-03 | 1.95E-03 | 4.27E-03 | 3.55E-04 | 9.00E-04 | 0.31 | 0.00E+00 | 3.90E-04 | 0.00E+00 | 2.77E-03 | 1.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.30E-03 | 3.23E-03 | 7.79E-04 | 0.00E+00 | 0.00E+00 | 0.01 | | | | | |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | | 4.34E-04 | 1.14E-04 | 3.13E-03 | 2.14E-03 | 4.68E-03 | 3.89E-04 | 9.86E-04 | 0.34 | 0.00E+00 | 4.27E-04 | 0.00E+00 | 3.03E-03 | 1.37E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 4.71E-03 | 3.54E-03 | 8.54E-04 | 0.00E+00 | 0.00E+00 | 0.01 | | | | | |
| 390 | Farmer | 677409.8 | 4861051.4 | | | 1.35E-03 | 3.57E-04 | 9.77E-03 | 6.68E-03 | 0.01 | 1.22E-03 | 3.08E-03 | 1.05 | 0.00E+00 | 1.33E-03 | 0.00E+00 | 9.47E-03 | 4.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.67E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | | 5.55E-04 | 1.46E-04 | 4.01E-03 | 2.74E-03 | 5.99E-03 | 4.99E-04 | 1.26E-03 | 0.43 | 0.00E+00 | 5.47E-04 | 0.00E+00 | 3.89E-03 | 1.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.03E-03 | 4.54E-03 | 1.09E-03 | 0.00E+00 | 0.00E+00 | 0.01 | | | | | |



Appendix G-3: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | 2-methylnaphthalene | 1-methylphenanthrene | 9-methylphenanthrene | Naphthalene | Perylene | Phenanthrene | Picene | Pyrene | Quinoline | Tetralin | Triphenylene | O-terphenyl | M-terphenyl | P-terphenyl | Volatile Organic Chemicals (VOC) | Acetaldehyde | Acetone | Acrolein | Benzene | Bromodichloromethane | Bromoform | Bromomethane | | | |
|----------|-------------------|----------|-----------|--|----------------------------------|---------------------|----------------------|----------------------|-------------|----------|--------------|----------|----------|-----------|----------|--------------|-------------|-------------|-------------|----------------------------------|--------------|----------|----------|----------|----------------------|-----------|--------------|------|----------|----------|
| | | | | Vapour (V)/Particulate (P) Phase | | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | | V | V | V | V | V | V | V |
| | | | | Updated Facility Contaminant Emission Rate (g/s) | | 6.36E-05 | | | 4.95E-05 | 1.77E-07 | 1.11E-05 | | 5.87E-06 | | 5.83E-05 | | 9.57E-06 | | | | | | | 6.22E-08 | | | 3.63E-03 | 0.02 | 5.93E-03 | 4.21E-03 |
| 379 | Darlington 5 | 683223.2 | 4861114.0 | | | 0.23 | 0.00E+00 | 0.00E+00 | 0.18 | 6.25E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.21 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.20E-04 | 0.00E+00 | 0.00E+00 | 12.84 | 76.73 | 20.98 | 14.90 | | | |
| 380 | Darlington 6 | 683947.7 | 4862362.0 | | | 0.15 | 0.00E+00 | 0.00E+00 | 0.12 | 4.16E-04 | 0.03 | 0.00E+00 | 0.01 | 0.00E+00 | 0.14 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.46E-04 | 0.00E+00 | 0.00E+00 | 8.53 | 51.01 | 13.95 | 9.91 | | | |
| 381 | Darlington 7 | 685361.9 | 4861143.4 | | | 0.13 | 0.00E+00 | 0.00E+00 | 0.10 | 3.73E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.12 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.31E-04 | 0.00E+00 | 0.00E+00 | 7.66 | 45.82 | 12.53 | 8.90 | | | |
| 382 | Bennett ECO/HH | 688606.4 | 4862634.8 | | | 0.08 | 0.00E+00 | 0.00E+00 | 0.06 | 2.17E-04 | 0.01 | 0.00E+00 | 7.21E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 7.63E-05 | 0.00E+00 | 0.00E+00 | 4.45 | 26.62 | 7.28 | 5.17 | | | |
| 383 | Oshawa ECO/HH | 673884.9 | 4859128.9 | | | 0.07 | 0.00E+00 | 0.00E+00 | 0.05 | 1.88E-04 | 0.01 | 0.00E+00 | 6.26E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 6.63E-05 | 0.00E+00 | 0.00E+00 | 3.87 | 23.12 | 6.32 | 4.49 | | | |
| 384 | Oshawa Creek 1 | 671671.2 | 4862793.7 | | | 0.06 | 0.00E+00 | 0.00E+00 | 0.05 | 1.67E-04 | 0.01 | 0.00E+00 | 5.55E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 9.05E-03 | 0.00E+00 | 0.00E+00 | | 5.88E-05 | 0.00E+00 | 0.00E+00 | 3.43 | 20.50 | 5.61 | 3.98 | | | |
| 385 | Oshawa Creek 2 | 671668.5 | 4861589.5 | | | 0.05 | 0.00E+00 | 0.00E+00 | 0.04 | 1.34E-04 | 8.39E-03 | 0.00E+00 | 4.45E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 7.26E-03 | 0.00E+00 | 0.00E+00 | | 4.71E-05 | 0.00E+00 | 0.00E+00 | 2.75 | 16.45 | 4.50 | 3.19 | | | |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | | 0.05 | 0.00E+00 | 0.00E+00 | 0.04 | 1.50E-04 | 9.40E-03 | 0.00E+00 | 4.99E-03 | 0.00E+00 | 0.05 | 0.00E+00 | 8.13E-03 | 0.00E+00 | 0.00E+00 | | 5.28E-05 | 0.00E+00 | 0.00E+00 | 3.08 | 18.41 | 5.04 | 3.58 | | | |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | | 0.05 | 0.00E+00 | 0.00E+00 | 0.04 | 1.30E-04 | 8.13E-03 | 0.00E+00 | 4.31E-03 | 0.00E+00 | 0.04 | 0.00E+00 | 7.03E-03 | 0.00E+00 | 0.00E+00 | | 4.57E-05 | 0.00E+00 | 0.00E+00 | 2.66 | 15.93 | 4.36 | 3.09 | | | |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | | 0.06 | 0.00E+00 | 0.00E+00 | 0.04 | 1.56E-04 | 9.77E-03 | 0.00E+00 | 5.19E-03 | 0.00E+00 | 0.05 | 0.00E+00 | 8.45E-03 | 0.00E+00 | 0.00E+00 | | 5.49E-05 | 0.00E+00 | 0.00E+00 | 3.20 | 19.15 | 5.24 | 3.72 | | | |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | | 0.06 | 0.00E+00 | 0.00E+00 | 0.05 | 1.71E-04 | 0.01 | 0.00E+00 | 5.68E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 9.26E-03 | 0.00E+00 | 0.00E+00 | | 6.02E-05 | 0.00E+00 | 0.00E+00 | 3.51 | 20.98 | 5.74 | 4.08 | | | |
| 390 | Farmer | 677409.8 | 4861051.4 | | | 0.19 | 0.00E+00 | 0.00E+00 | 0.15 | 5.34E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.18 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.88E-04 | 0.00E+00 | 0.00E+00 | 10.96 | 65.50 | 17.91 | 12.72 | | | |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | | 0.08 | 0.00E+00 | 0.00E+00 | 0.06 | 2.19E-04 | 0.01 | 0.00E+00 | 7.28E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 7.71E-05 | 0.00E+00 | 0.00E+00 | 4.50 | 26.88 | 7.35 | 5.22 | | | |

Appendix G-3: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Butadiene, 1,3- | Butanone, 2- | Carbon tetrachloride | Chloroform | Cumene | Dibromochloromethane | Dichlorodifluoromethane | Dichloroethane, 1,2- | Dichloroethane, trans-1,2- | Dichloroethane, 1,1- | Dichloromethane | Dichloropropane, 1,2- | Ethylbenzene | Ethylene Dibromide | Formaldehyde | Mesitylene | Styrene | Tetrachloroethene | Toluene | Trichloroethane, 1,1,1- | Trichloroethene | Trichlorofluoromethane | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|----------------------------|----------|-----------|-------------|----------------------------------|-----------------|--------------|----------------------|------------|----------|----------------------|-------------------------|----------------------|----------------------------|----------------------|-----------------|-----------------------|--------------|--------------------|--------------|------------|----------|-------------------|---------|-------------------------|-----------------|------------------------|--|----------|----------|---|---|---|------|---|---|---|---|----------|------|---|----------|----------|----------|---|---|----------|----------|----------|----------|------|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | Vapour (V)/Particulate (P) Phase | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | Updated Facility Contaminant Emission Rate (g/s) | 3.70E-05 | 5.96E-05 | | | | 0.01 | | | | | 6.61E-05 | 0.02 | | 1.21E-04 | 3.48E-05 | 5.55E-03 | | | 6.63E-04 | 5.88E-03 | 1.67E-04 | 5.75E-05 | 0.02 |
| 1 | Campground 10 | 678526.8 | 4859996.8 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.12 | 0.00E+00 | 0.00E+00 | 20.90 | 0.00E+00 | 0.00E+00 | 0.14 | 42.26 | 0.00E+00 | 0.25 | 0.07 | 11.40 | 0.00E+00 | 0.00E+00 | 1.36 | 12.07 | 0.34 | 0.12 | 41.35 | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | ECO 2 | 675490.4 | 4860360.1 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.09 | 0.00E+00 | 0.00E+00 | 14.54 | 0.00E+00 | 0.00E+00 | 0.09 | 29.38 | 0.00E+00 | 0.17 | 0.05 | 7.93 | 0.00E+00 | 0.00E+00 | 0.95 | 8.39 | 0.24 | 0.08 | 28.75 | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | Recreational 5 | 681642.0 | 4860349.3 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.16 | 0.00E+00 | 0.00E+00 | 27.15 | 0.00E+00 | 0.00E+00 | 0.18 | 54.89 | 0.00E+00 | 0.32 | 0.09 | 14.81 | 0.00E+00 | 0.00E+00 | 1.77 | 15.68 | 0.45 | 0.15 | 53.71 | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | ECO 4 | 676831.5 | 4859840.9 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 17.69 | 0.00E+00 | 0.00E+00 | 0.11 | 35.76 | 0.00E+00 | 0.21 | 0.06 | 9.65 | 0.00E+00 | 0.00E+00 | 1.15 | 10.21 | 0.29 | 0.10 | 34.99 | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | Bow. Valley Cons. 3 | 685767.2 | 4863879.0 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.09 | 0.00E+00 | 0.00E+00 | 15.66 | 0.00E+00 | 0.00E+00 | 0.10 | 31.65 | 0.00E+00 | 0.19 | 0.05 | 8.54 | 0.00E+00 | 0.00E+00 | 1.02 | 9.04 | 0.26 | 0.09 | 30.97 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | ECO 6 | 679647.8 | 4859989.3 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.07 | 0.00E+00 | 0.00E+00 | 11.39 | 0.00E+00 | 0.00E+00 | 0.07 | 23.02 | 0.00E+00 | 0.14 | 0.04 | 6.21 | 0.00E+00 | 0.00E+00 | 0.74 | 6.58 | 0.19 | 0.06 | 22.53 | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | ECO 7 | 681578.8 | 4862070.1 | | | 0.00E+00 | 0.00E+00 | 0.15 | 0.24 | 0.00E+00 | 0.00E+00 | 41.58 | 0.00E+00 | 0.00E+00 | 0.27 | 84.05 | 0.00E+00 | 0.49 | 0.14 | 22.68 | 0.00E+00 | 0.00E+00 | 2.71 | 24.01 | 0.68 | 0.23 | 82.25 | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | ECO 8 | 679735.5 | 4861048.6 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.16 | 0.00E+00 | 0.00E+00 | 28.07 | 0.00E+00 | 0.00E+00 | 0.18 | 56.75 | 0.00E+00 | 0.33 | 0.10 | 15.31 | 0.00E+00 | 0.00E+00 | 1.83 | 16.21 | 0.46 | 0.16 | 55.53 | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | ECO 9 | 687219.7 | 4864249.3 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 13.18 | 0.00E+00 | 0.00E+00 | 0.09 | 26.65 | 0.00E+00 | 0.16 | 0.05 | 7.19 | 0.00E+00 | 0.00E+00 | 0.86 | 7.61 | 0.22 | 0.07 | 26.08 | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | ECO 10 | 686519.0 | 4861987.6 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 17.41 | 0.00E+00 | 0.00E+00 | 0.11 | 35.20 | 0.00E+00 | 0.21 | 0.06 | 9.50 | 0.00E+00 | 0.00E+00 | 1.13 | 10.05 | 0.29 | 0.10 | 34.45 | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | ECO 11 | 679870.4 | 4859737.9 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.04 | 0.00E+00 | 0.00E+00 | 7.25 | 0.00E+00 | 0.00E+00 | 0.05 | 14.66 | 0.00E+00 | 0.09 | 0.02 | 3.95 | 0.00E+00 | 0.00E+00 | 0.47 | 4.19 | 0.12 | 0.04 | 14.34 | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | Recreational 4 | 681575.5 | 4860557.7 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 25.15 | 0.00E+00 | 0.00E+00 | 0.16 | 50.83 | 0.00E+00 | 0.30 | 0.09 | 13.72 | 0.00E+00 | 0.00E+00 | 1.64 | 14.52 | 0.41 | 0.14 | 49.74 | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | Future Industrial 9 | 680704.5 | 4859857.8 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 16.39 | 0.00E+00 | 0.00E+00 | 0.11 | 33.13 | 0.00E+00 | 0.20 | 0.06 | 8.94 | 0.00E+00 | 0.00E+00 | 1.07 | 9.46 | 0.27 | 0.09 | 32.42 | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | Future Industrial 10 | 680608.0 | 4860719.6 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.09 | 0.00E+00 | 0.00E+00 | 15.40 | 0.00E+00 | 0.00E+00 | 0.10 | 31.14 | 0.00E+00 | 0.18 | 0.05 | 8.40 | 0.00E+00 | 0.00E+00 | 1.00 | 8.89 | 0.25 | 0.09 | 30.47 | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | Harmony Creek | 673992.4 | 4865641.4 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.04 | 0.00E+00 | 0.00E+00 | 7.13 | 0.00E+00 | 0.00E+00 | 0.05 | 14.41 | 0.00E+00 | 0.08 | 0.02 | 3.89 | 0.00E+00 | 0.00E+00 | 0.46 | 4.12 | 0.12 | 0.04 | 14.10 | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | Farewell Creek | 678079.2 | 4868822.7 | | | 0.00E+00 | 0.00E+00 | 0.02 | 0.04 | 0.00E+00 | 0.00E+00 | 6.76 | 0.00E+00 | 0.00E+00 | 0.04 | 13.66 | 0.00E+00 | 0.08 | 0.02 | 3.69 | 0.00E+00 | 0.00E+00 | 0.44 | 3.90 | 0.11 | 0.04 | 13.37 | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | Farmer | 681378.6 | 4860335.0 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.14 | 0.00E+00 | 0.00E+00 | 23.59 | 0.00E+00 | 0.00E+00 | 0.15 | 47.69 | 0.00E+00 | 0.28 | 0.08 | 12.87 | 0.00E+00 | 0.00E+00 | 1.54 | 13.62 | 0.39 | 0.13 | 46.66 | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | Watson Farm | 682883.4 | 4864219.7 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.14 | 0.00E+00 | 0.00E+00 | 24.43 | 0.00E+00 | 0.00E+00 | 0.16 | 49.38 | 0.00E+00 | 0.29 | 0.08 | 13.33 | 0.00E+00 | 0.00E+00 | 1.59 | 14.11 | 0.40 | 0.14 | 48.32 | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | Racanski Farm | 678929.2 | 4865530.2 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.06 | 0.00E+00 | 0.00E+00 | 10.17 | 0.00E+00 | 0.00E+00 | 0.07 | 20.56 | 0.00E+00 | 0.12 | 0.03 | 5.55 | 0.00E+00 | 0.00E+00 | 0.66 | 5.87 | 0.17 | 0.06 | 20.12 | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | Zoo | 687216.8 | 4864835.3 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.07 | 0.00E+00 | 0.00E+00 | 12.55 | 0.00E+00 | 0.00E+00 | 0.08 | 25.36 | 0.00E+00 | 0.15 | 0.04 | 6.84 | 0.00E+00 | 0.00E+00 | 0.82 | 7.24 | 0.21 | 0.07 | 24.82 | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | Cedar Crest Beach | 686652.1 | 4861660.9 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.12 | 0.00E+00 | 0.00E+00 | 21.01 | 0.00E+00 | 0.00E+00 | 0.14 | 42.47 | 0.00E+00 | 0.25 | 0.07 | 11.46 | 0.00E+00 | 0.00E+00 | 1.37 | 12.13 | 0.34 | 0.12 | 41.55 | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | Darlington Prov Park Beach | 677844.6 | 4859718.2 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.09 | 0.00E+00 | 0.00E+00 | 15.63 | 0.00E+00 | 0.00E+00 | 0.10 | 31.60 | 0.00E+00 | 0.19 | 0.05 | 8.53 | 0.00E+00 | 0.00E+00 | 1.02 | 9.03 | 0.26 | 0.09 | 30.92 | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | OPG 1 | 682258.1 | 4860045.0 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.16 | 0.00E+00 | 0.00E+00 | 26.66 | 0.00E+00 | 0.00E+00 | 0.17 | 53.90 | 0.00E+00 | 0.32 | 0.09 | 14.54 | 0.00E+00 | 0.00E+00 | 1.74 | 15.39 | 0.44 | 0.15 | 52.74 | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | OPG 2 | 682551.4 | 4859889.1 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.17 | 0.00E+00 | 0.00E+00 | 28.25 | 0.00E+00 | 0.00E+00 | 0.18 | 57.12 | 0.00E+00 | 0.34 | 0.10 | 15.41 | 0.00E+00 | 0.00E+00 | 1.84 | 16.31 | 0.46 | 0.16 | 55.89 | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | OPG 3 | 682824.6 | 4859759.3 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.18 | 0.00E+00 | 0.00E+00 | 29.98 | 0.00E+00 | 0.00E+00 | 0.19 | 60.61 | 0.00E+00 | 0.36 | 0.10 | 16.36 | 0.00E+00 | 0.00E+00 | 1.95 | 17.31 | 0.49 | 0.17 | 59.31 | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | OPG 4 | 683021.6 | 4859937.3 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.19 | 0.00E+00 | 0.00E+00 | 31.88 | 0.00E+00 | 0.00E+00 | 0.21 | 64.46 | 0.00E+00 | 0.38 | 0.11 | 17.39 | 0.00E+00 | 0.00E+00 | 2.08 | 18.41 | 0.52 | 0.18 | 63.07 | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | OPG 5 | 683318.2 | 4859677.8 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.16 | 0.00E+00 | 0.00E+00 | 27.53 | 0.00E+00 | 0.00E+00 | 0.18 | 55.65 | 0.00E+00 | 0.33 | 0.09 | 15.02 | 0.00E+00 | 0.00E+00 | 1.79 | 15.90 | 0.45 | 0.16 | 54.46 | | | | | | | | | | | | | | | | | | | | | | | | |
| 28 | OPG 6 | 683306.9 | 4860023.0 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.19 | 0.00E+00 | 0.00E+00 | 31.99 | 0.00E+00 | 0.00E+00 | 0.21 | 64.67 | 0.00E+00 | 0.38 | 0.11 | 17.45 | 0.00E+00 | 0.00E+00 | 2.08 | 18.47 | 0.52 | 0.18 | 63.28 | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | OPG 7 | 683718.6 | 4859915.8 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.17 | 0.00E+00 | 0.00E+00 | 29.10 | 0.00E+00 | 0.00E+00 | 0.19 | 58.83 | 0.00E+00 | 0.35 | 0.10 | 15.87 | 0.00E+00 | 0.00E+00 | 1.90 | 16.80 | 0.48 | 0.16 | 57.56 | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | OPG 8 | 682702.0 | 4859998.6 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.18 | 0.00E+00 | 0.00E+00 | 29.88 | 0.00E+00 | 0.00E+00 | 0.19 | 60.40 | 0.00E+00 | 0.36 | 0.10 | 16.30 | 0.00E+00 | 0.00E+00 | 1.95 | 17.25 | 0.49 | 0.17 | 59.10 | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | OPG 9 | 684347.7 | 4861184.6 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 25.13 | 0.00E+00 | 0.00E+00 | 0.16 | 50.81 | 0.00E+00 | 0.30 | 0.09 | 13.71 | 0.00E+00 | 0.00E+00 | 1.64 | 14.51 | 0.41 | 0.14 | 49.71 | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | OPG 10 | 682157.2 | 4861228.2 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.18 | 0.00E+00 | 0.00E+00 | 29.95 | 0.00E+00 | 0.00E+00 | 0.19 | 60.55 | 0.00E+00 | 0.36 | 0.10 | 16.34 | 0.00E+00 | 0.00E+00 | 1.95 | 17.29 | 0.49 | 0.17 | 59.25 | | | | | | | | | | | | | | | | | | | | | | | | |
| 33 | St. Mary's 1 | 684557.0 | 4861070.0 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.16 | 0.00E+00 | 0.00E+00 | 26.49 | 0.00E+00 | 0.00E+00 | 0.17 | 53.55 | 0.00E+00 | 0.32 | 0.09 | 14.45 | 0.00E+00 | 0.00E+00 | 1.73 | 15.29 | 0.43 | 0.15 | 52.40 | | | | | | | | | | | | | | | | | | | | | | | | |
| 34 | St. Mary's 2 | 684657.3 | 4861320.8 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.14 | 0.00E+00 | 0.00E+00 | 23.07 | 0.00E+00 | 0.00E+00 | 0.15 | 46.65 | 0.00E+00 | 0.27 | 0.08 | 12.59 | 0.00E+00 | 0.00E+00 | 1.50 | 13.32 | 0.38 | 0.13 | 45.64 | | | | | | | | | | | | | | | | | | | | | | | | |
| 35 | St. Mary's 3 | 684905.3 | 4861154.4 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.14 | 0.00E+00 | 0.00E+00 | 23.21 | 0.00E+00 | 0.00E+00 | 0.15 | 46.93 | 0.00E+00 | 0.28 | 0.08 | 12.66 | 0.00E+00 | 0.00E+00 | 1.51 | 13.40 | 0.38 | 0.13 | 45.92 | | | | | | | | | | | | | | | | | | | | | | | | |
| 36 | Court. Subdivision 1 | 677328.4 | 4862976.1 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 13.78 | 0.00E+00 | 0.00E+00 | 0.09 | 27.85 | 0.00E+00 | 0.16 | 0.05 | 7.52 | 0.00E+00 | 0.00E+00 | 0.90 | 7.96 | 0.23 | 0.08 | 27.26 | | | | | | | | | | | | | | | | | | | | | | | | |
| 37 | Court. Subdivision 2 | 676187.9 | 4862611.1 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.09 | 0.00E+00 | 0.00E+00 | 15.47 | 0.00E+00 | 0.00E+00 | 0.10 | 31.27 | 0.00E+00 | 0.18 | 0.05 | 8.44 | 0.00E+00 | 0.00E+00 | 1.01 | 8.93 | 0.25 | 0.09 | 30.60 | | | | | | | | | | | | | | | | | | | | | | | | |
| 38 | Court. Subdivision 3 | 675974.8 | 4863484.1 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.06 | 0.00E+00 | 0.00E+00 | 10.79 | 0.00E+00 | 0.00E+00 | 0.07 | 21.82 | 0.00E+00 | 0.13 | 0.04 | 5.89 | 0.00E+00 | 0.00E+00 | 0.70 | 6.23 | 0.18 | 0.06 | 21.35 | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | Court. Subdivision 4 | 676606.1 | 4863214.1 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.07 | 0.00E+00 | 0.00E+00 | 11.65 | 0.00E+00 | 0.00E+00 | 0.08 | 23.56 | 0.00E+00 | 0.14 | 0.04 | 6.36 | 0.00E+00 | 0.00E+00 | 0.76 | 6.73 | 0. | | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix G-3: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Butadiene, 1,3- | Butanone, 2- | Carbon tetrachloride | Chloroform | Cumene | Dibromochloromethane | Dichlorodifluoromethane | Dichloroethane, 1,2- | Dichloroethane, trans-1,2- | Dichloroethane, 1,1- | Dichloromethane | Dichloropropane, 1,2- | Ethylbenzene | Ethylene Dibromide | Formaldehyde | Mesitylene | Styrene | Tetrachloroethene | Toluene | Trichloroethane, 1,1,1- | Trichloroethene | Trichlorofluoromethane | | | | |
|----------|--------------------------|----------|-----------|--|----------------------------------|-----------------|--------------|----------------------|------------|--------|----------------------|-------------------------|----------------------|----------------------------|----------------------|-----------------|-----------------------|--------------|--------------------|--------------|------------|---------|-------------------|----------|-------------------------|-----------------|------------------------|---|----------|----------|----------|
| | | | | Vapour (V)/Particulate (P) Phase | | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | Updated Facility Contaminant Emission Rate (g/s) | | (m) | (m) | | | | 3.70E-05 | 5.96E-05 | | | | | 0.01 | | | 6.61E-05 | 0.02 | | | 1.21E-04 | 3.48E-05 | 5.55E-03 | | | 6.63E-04 | 5.88E-03 | 1.67E-04 |
| 55 | Bow. Subdivision 10 | 685266.0 | 4863243.1 | 0.00E+00 | 0.00E+00 | 0.07 | 0.11 | 0.00E+00 | 0.00E+00 | 18.66 | 0.00E+00 | 0.00E+00 | 0.12 | 37.72 | 0.00E+00 | 0.22 | 0.06 | 10.18 | 0.00E+00 | 0.00E+00 | 1.22 | 10.77 | 0.31 | 0.11 | 36.91 | | | | | | |
| 56 | Osh/Court Subdivision 1 | 677396.8 | 4860977.3 | 0.00E+00 | 0.00E+00 | 0.11 | 0.18 | 0.00E+00 | 0.00E+00 | 30.95 | 0.00E+00 | 0.00E+00 | 0.20 | 62.58 | 0.00E+00 | 0.37 | 0.11 | 16.89 | 0.00E+00 | 0.00E+00 | 2.02 | 17.87 | 0.51 | 0.17 | 61.23 | | | | | | |
| 57 | Osh/Court Subdivision 2 | 676633.5 | 4860816.8 | 0.00E+00 | 0.00E+00 | 0.08 | 0.13 | 0.00E+00 | 0.00E+00 | 22.33 | 0.00E+00 | 0.00E+00 | 0.15 | 45.14 | 0.00E+00 | 0.27 | 0.08 | 12.18 | 0.00E+00 | 0.00E+00 | 1.45 | 12.89 | 0.37 | 0.13 | 44.17 | | | | | | |
| 58 | Osh/Court Subdivision 3 | 676916.0 | 4861925.0 | 0.00E+00 | 0.00E+00 | 0.07 | 0.11 | 0.00E+00 | 0.00E+00 | 19.25 | 0.00E+00 | 0.00E+00 | 0.13 | 38.91 | 0.00E+00 | 0.23 | 0.07 | 10.50 | 0.00E+00 | 0.00E+00 | 1.25 | 11.11 | 0.32 | 0.11 | 38.07 | | | | | | |
| 59 | Osh/Court Subdivision 4 | 676730.5 | 4861317.1 | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 25.40 | 0.00E+00 | 0.00E+00 | 0.16 | 51.35 | 0.00E+00 | 0.30 | 0.09 | 13.86 | 0.00E+00 | 0.00E+00 | 1.65 | 14.67 | 0.42 | 0.14 | 50.25 | | | | | | |
| 60 | Osh/Court Subdivision 5 | 676087.2 | 4861392.3 | 0.00E+00 | 0.00E+00 | 0.08 | 0.12 | 0.00E+00 | 0.00E+00 | 20.94 | 0.00E+00 | 0.00E+00 | 0.14 | 42.32 | 0.00E+00 | 0.25 | 0.07 | 11.42 | 0.00E+00 | 0.00E+00 | 1.36 | 12.09 | 0.34 | 0.12 | 41.41 | | | | | | |
| 61 | Osh/Court Subdivision 6 | 676177.1 | 4861722.2 | 0.00E+00 | 0.00E+00 | 0.07 | 0.12 | 0.00E+00 | 0.00E+00 | 19.64 | 0.00E+00 | 0.00E+00 | 0.13 | 39.70 | 0.00E+00 | 0.23 | 0.07 | 10.71 | 0.00E+00 | 0.00E+00 | 1.28 | 11.34 | 0.32 | 0.11 | 38.84 | | | | | | |
| 62 | Osh/Court Subdivision 7 | 675670.7 | 4861783.2 | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 17.61 | 0.00E+00 | 0.00E+00 | 0.11 | 35.61 | 0.00E+00 | 0.21 | 0.06 | 9.61 | 0.00E+00 | 0.00E+00 | 1.15 | 10.17 | 0.29 | 0.10 | 34.84 | | | | | | |
| 63 | Osh/Court Subdivision 8 | 676050.8 | 4862055.7 | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 17.71 | 0.00E+00 | 0.00E+00 | 0.12 | 35.81 | 0.00E+00 | 0.21 | 0.06 | 9.66 | 0.00E+00 | 0.00E+00 | 1.15 | 10.23 | 0.29 | 0.10 | 35.04 | | | | | | |
| 64 | Osh/Court Subdivision 9 | 676636.9 | 4862134.3 | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 17.62 | 0.00E+00 | 0.00E+00 | 0.11 | 35.62 | 0.00E+00 | 0.21 | 0.06 | 9.61 | 0.00E+00 | 0.00E+00 | 1.15 | 10.17 | 0.29 | 0.10 | 34.85 | | | | | | |
| 65 | Osh/Court Subdivision 10 | 676571.3 | 4861634.8 | 0.00E+00 | 0.00E+00 | 0.08 | 0.12 | 0.00E+00 | 0.00E+00 | 21.02 | 0.00E+00 | 0.00E+00 | 0.14 | 42.50 | 0.00E+00 | 0.25 | 0.07 | 11.47 | 0.00E+00 | 0.00E+00 | 1.37 | 12.14 | 0.34 | 0.12 | 41.59 | | | | | | |
| 66 | Bow. Subdivision 11 | 684649.2 | 4863182.7 | 0.00E+00 | 0.00E+00 | 0.07 | 0.12 | 0.00E+00 | 0.00E+00 | 20.28 | 0.00E+00 | 0.00E+00 | 0.13 | 40.99 | 0.00E+00 | 0.24 | 0.07 | 11.06 | 0.00E+00 | 0.00E+00 | 1.32 | 11.71 | 0.33 | 0.11 | 40.11 | | | | | | |
| 67 | Daycare B | 685172.4 | 4863933.1 | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 16.25 | 0.00E+00 | 0.00E+00 | 0.11 | 32.86 | 0.00E+00 | 0.19 | 0.06 | 8.87 | 0.00E+00 | 0.00E+00 | 1.06 | 9.39 | 0.27 | 0.09 | 32.15 | | | | | | |
| 68 | Daycare C | 685452.0 | 4863104.4 | 0.00E+00 | 0.00E+00 | 0.07 | 0.11 | 0.00E+00 | 0.00E+00 | 17.97 | 0.00E+00 | 0.00E+00 | 0.12 | 36.32 | 0.00E+00 | 0.21 | 0.06 | 9.80 | 0.00E+00 | 0.00E+00 | 1.17 | 10.37 | 0.29 | 0.10 | 35.54 | | | | | | |
| 69 | Daycare D | 685527.7 | 4864693.3 | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 16.56 | 0.00E+00 | 0.00E+00 | 0.11 | 33.48 | 0.00E+00 | 0.20 | 0.06 | 9.03 | 0.00E+00 | 0.00E+00 | 1.08 | 9.56 | 0.27 | 0.09 | 32.76 | | | | | | |
| 70 | Daycare E | 685735.4 | 4864790.8 | 0.00E+00 | 0.00E+00 | 0.06 | 0.09 | 0.00E+00 | 0.00E+00 | 15.94 | 0.00E+00 | 0.00E+00 | 0.10 | 32.22 | 0.00E+00 | 0.19 | 0.05 | 8.69 | 0.00E+00 | 0.00E+00 | 1.04 | 9.20 | 0.26 | 0.09 | 31.53 | | | | | | |
| 71 | Daycare F | 685520.3 | 4864854.3 | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 16.58 | 0.00E+00 | 0.00E+00 | 0.11 | 33.52 | 0.00E+00 | 0.20 | 0.06 | 9.04 | 0.00E+00 | 0.00E+00 | 1.08 | 9.57 | 0.27 | 0.09 | 32.80 | | | | | | |
| 72 | Daycare G | 685441.9 | 4864878.0 | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 16.74 | 0.00E+00 | 0.00E+00 | 0.11 | 33.84 | 0.00E+00 | 0.20 | 0.06 | 9.13 | 0.00E+00 | 0.00E+00 | 1.09 | 9.67 | 0.27 | 0.09 | 33.12 | | | | | | |
| 73 | Daycare H | 686364.8 | 4864707.8 | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 13.89 | 0.00E+00 | 0.00E+00 | 0.09 | 28.07 | 0.00E+00 | 0.17 | 0.05 | 7.57 | 0.00E+00 | 0.00E+00 | 0.90 | 8.02 | 0.23 | 0.08 | 27.47 | | | | | | |
| 74 | Daycare I | 685721.6 | 4865127.3 | 0.00E+00 | 0.00E+00 | 0.06 | 0.09 | 0.00E+00 | 0.00E+00 | 15.80 | 0.00E+00 | 0.00E+00 | 0.10 | 31.95 | 0.00E+00 | 0.19 | 0.05 | 8.62 | 0.00E+00 | 0.00E+00 | 1.03 | 9.13 | 0.26 | 0.09 | 31.26 | | | | | | |
| 75 | Daycare J | 678256.3 | 4863565.4 | 0.00E+00 | 0.00E+00 | 0.04 | 0.07 | 0.00E+00 | 0.00E+00 | 12.29 | 0.00E+00 | 0.00E+00 | 0.08 | 24.84 | 0.00E+00 | 0.15 | 0.04 | 6.70 | 0.00E+00 | 0.00E+00 | 0.80 | 7.10 | 0.20 | 0.07 | 24.31 | | | | | | |
| 76 | Daycare K | 677694.1 | 4864043.7 | 0.00E+00 | 0.00E+00 | 0.04 | 0.06 | 0.00E+00 | 0.00E+00 | 10.28 | 0.00E+00 | 0.00E+00 | 0.07 | 20.78 | 0.00E+00 | 0.12 | 0.04 | 5.61 | 0.00E+00 | 0.00E+00 | 0.67 | 5.94 | 0.17 | 0.06 | 20.33 | | | | | | |
| 77 | Daycare L | 676479.5 | 4862526.2 | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 16.26 | 0.00E+00 | 0.00E+00 | 0.11 | 32.88 | 0.00E+00 | 0.19 | 0.06 | 8.87 | 0.00E+00 | 0.00E+00 | 1.06 | 9.39 | 0.27 | 0.09 | 32.17 | | | | | | |
| 78 | Daycare M | 678320.9 | 4864763.5 | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 9.02 | 0.00E+00 | 0.00E+00 | 0.06 | 18.24 | 0.00E+00 | 0.11 | 0.03 | 4.92 | 0.00E+00 | 0.00E+00 | 0.59 | 5.21 | 0.15 | 0.05 | 17.84 | | | | | | |
| 79 | Daycare N | 678513.4 | 4865058.0 | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 8.66 | 0.00E+00 | 0.00E+00 | 0.06 | 17.51 | 0.00E+00 | 0.10 | 0.03 | 4.73 | 0.00E+00 | 0.00E+00 | 0.56 | 5.00 | 0.14 | 0.05 | 17.14 | | | | | | |
| 80 | Daycare O | 672788.7 | 4863936.6 | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 7.96 | 0.00E+00 | 0.00E+00 | 0.05 | 16.10 | 0.00E+00 | 0.09 | 0.03 | 4.34 | 0.00E+00 | 0.00E+00 | 0.52 | 4.60 | 0.13 | 0.04 | 15.75 | | | | | | |
| 81 | Daycare P | 673952.8 | 4863592.5 | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 9.11 | 0.00E+00 | 0.00E+00 | 0.06 | 18.42 | 0.00E+00 | 0.11 | 0.03 | 4.97 | 0.00E+00 | 0.00E+00 | 0.59 | 5.26 | 0.15 | 0.05 | 18.03 | | | | | | |
| 82 | Daycare Q | 671751.8 | 4864887.7 | 0.00E+00 | 0.00E+00 | 0.02 | 0.04 | 0.00E+00 | 0.00E+00 | 6.68 | 0.00E+00 | 0.00E+00 | 0.04 | 13.50 | 0.00E+00 | 0.08 | 0.02 | 3.64 | 0.00E+00 | 0.00E+00 | 0.44 | 3.86 | 0.11 | 0.04 | 13.21 | | | | | | |
| 83 | Daycare R | 685714.4 | 4864667.4 | 0.00E+00 | 0.00E+00 | 0.06 | 0.09 | 0.00E+00 | 0.00E+00 | 16.09 | 0.00E+00 | 0.00E+00 | 0.10 | 32.52 | 0.00E+00 | 0.19 | 0.05 | 8.77 | 0.00E+00 | 0.00E+00 | 1.05 | 9.29 | 0.26 | 0.09 | 31.82 | | | | | | |
| 84 | Daycare S | 684177.9 | 4863618.2 | 0.00E+00 | 0.00E+00 | 0.08 | 0.13 | 0.00E+00 | 0.00E+00 | 21.50 | 0.00E+00 | 0.00E+00 | 0.14 | 43.45 | 0.00E+00 | 0.26 | 0.07 | 11.73 | 0.00E+00 | 0.00E+00 | 1.40 | 12.41 | 0.35 | 0.12 | 42.52 | | | | | | |
| 85 | Daycare T | 678423.6 | 4864480.4 | 0.00E+00 | 0.00E+00 | 0.04 | 0.06 | 0.00E+00 | 0.00E+00 | 9.91 | 0.00E+00 | 0.00E+00 | 0.06 | 20.03 | 0.00E+00 | 0.12 | 0.03 | 5.40 | 0.00E+00 | 0.00E+00 | 0.65 | 5.72 | 0.16 | 0.06 | 19.60 | | | | | | |
| 86 | Daycare U | 685330.5 | 4863435.1 | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 17.82 | 0.00E+00 | 0.00E+00 | 0.12 | 36.03 | 0.00E+00 | 0.21 | 0.06 | 9.72 | 0.00E+00 | 0.00E+00 | 1.16 | 10.29 | 0.29 | 0.10 | 35.26 | | | | | | |
| 87 | Daycare V | 685153.2 | 4863236.9 | 0.00E+00 | 0.00E+00 | 0.07 | 0.11 | 0.00E+00 | 0.00E+00 | 18.97 | 0.00E+00 | 0.00E+00 | 0.12 | 38.34 | 0.00E+00 | 0.23 | 0.06 | 10.35 | 0.00E+00 | 0.00E+00 | 1.24 | 10.95 | 0.31 | 0.11 | 37.52 | | | | | | |
| 88 | Daycare W | 672679.0 | 4862044.9 | 0.00E+00 | 0.00E+00 | 0.04 | 0.06 | 0.00E+00 | 0.00E+00 | 10.25 | 0.00E+00 | 0.00E+00 | 0.07 | 20.71 | 0.00E+00 | 0.12 | 0.04 | 5.59 | 0.00E+00 | 0.00E+00 | 0.67 | 5.92 | 0.17 | 0.06 | 20.27 | | | | | | |
| 89 | Daycare X | 672076.5 | 4865285.8 | 0.00E+00 | 0.00E+00 | 0.03 | 0.04 | 0.00E+00 | 0.00E+00 | 6.92 | 0.00E+00 | 0.00E+00 | 0.04 | 13.98 | 0.00E+00 | 0.08 | 0.02 | 3.77 | 0.00E+00 | 0.00E+00 | 0.45 | 3.99 | 0.11 | 0.04 | 13.68 | | | | | | |
| 90 | Daycare Y | 672638.0 | 4859664.4 | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 8.46 | 0.00E+00 | 0.00E+00 | 0.05 | 17.11 | 0.00E+00 | 0.10 | 0.03 | 4.62 | 0.00E+00 | 0.00E+00 | 0.55 | 4.89 | 0.14 | 0.05 | 16.74 | | | | | | |
| 91 | Daycare Z | 673735.9 | 4858958.0 | 0.00E+00 | 0.00E+00 | 0.04 | 0.06 | 0.00E+00 | 0.00E+00 | 9.89 | 0.00E+00 | 0.00E+00 | 0.06 | 20.00 | 0.00E+00 | 0.12 | 0.03 | 5.40 | 0.00E+00 | 0.00E+00 | 0.64 | 5.71 | 0.16 | 0.06 | 19.57 | | | | | | |
| 92 | Daycare AA | 673121.8 | 4863385.9 | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 8.77 | 0.00E+00 | 0.00E+00 | 0.06 | 17.73 | 0.00E+00 | 0.10 | 0.03 | 4.78 | 0.00E+00 | 0.00E+00 | 0.57 | 5.06 | 0.14 | 0.05 | 17.34 | | | | | | |
| 93 | Daycare BB | 673904.8 | 4862282.2 | 0.00E+00 | 0.00E+00 | 0.05 | 0.07 | 0.00E+00 | 0.00E+00 | 12.71 | 0.00E+00 | 0.00E+00 | 0.08 | 25.69 | 0.00E+00 | 0.15 | 0.04 | 6.93 | 0.00E+00 | 0.00E+00 | 0.83 | 7.34 | 0.21 | 0.07 | 25.13 | | | | | | |
| 94 | Daycare CC | 671471.6 | 4861795.3 | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 7.84 | 0.00E+00 | 0.00E+00 | 0.05 | 15.85 | 0.00E+00 | 0.09 | 0.03 | 4.28 | 0.00E+00 | 0.00E+00 | 0.51 | 4.53 | 0.13 | 0.04 | 15.51 | | | | | | |
| 95 | Daycare DD | 673057.3 | 4862625 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix G-3: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Butadiene, 1,3- | Butanone, 2- | Carbon tetrachloride | Chloroform | Cumene | Dibromochloromethane | Dichlorodifluoromethane | Dichloroethane, 1,2- | Dichloroethane, trans-1,2- | Dichloroethane, 1,1- | Dichloromethane | Dichloropropane, 1,2- | Ethylbenzene | Ethylene Dibromide | Formaldehyde | Mesitylene | Styrene | Tetrachloroethene | Toluene | Trichloroethane, 1,1,1- | Trichloroethene | Trichlorofluoromethane | | | | |
|----------|------------------------|----------|-----------|--|----------------------------------|-----------------|--------------|----------------------|------------|----------|----------------------|-------------------------|----------------------|----------------------------|----------------------|-----------------|-----------------------|--------------|--------------------|--------------|------------|----------|-------------------|----------|-------------------------|-----------------|------------------------|---|----------|----------|----------|
| | | | | Vapour (V)/Particulate (P) Phase | | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | | |
| | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | | | | | 3.70E-05 | 5.96E-05 | | | | | | 0.01 | | | 6.61E-05 | 0.02 | | | | 1.21E-04 | 3.48E-05 | 5.55E-03 | | | 6.63E-04 | 5.88E-03 | 1.67E-04 |
| 109 | Hospital (Children's) | 676057.8 | 4862180.9 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 17.74 | 0.00E+00 | 0.00E+00 | 0.12 | 35.86 | 0.00E+00 | 0.21 | 0.06 | 9.68 | 0.00E+00 | 0.00E+00 | 1.16 | 10.24 | 0.29 | 0.10 | 35.09 | | | | |
| 110 | Hospital | 671233.2 | 4863615.9 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 8.84 | 0.00E+00 | 0.00E+00 | 0.06 | 17.86 | 0.00E+00 | 0.11 | 0.03 | 4.82 | 0.00E+00 | 0.00E+00 | 0.58 | 5.10 | 0.14 | 0.05 | 17.48 | | | | |
| 111 | Comm. Resp. Services | 676045.4 | 4863902.5 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.06 | 0.00E+00 | 0.00E+00 | 9.84 | 0.00E+00 | 0.00E+00 | 0.06 | 19.90 | 0.00E+00 | 0.12 | 0.03 | 5.37 | 0.00E+00 | 0.00E+00 | 0.64 | 5.68 | 0.16 | 0.06 | 19.47 | | | | |
| 112 | Hospital | 671712.7 | 4862364.1 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 9.30 | 0.00E+00 | 0.00E+00 | 0.06 | 18.79 | 0.00E+00 | 0.11 | 0.03 | 5.07 | 0.00E+00 | 0.00E+00 | 0.61 | 5.37 | 0.15 | 0.05 | 18.39 | | | | |
| 113 | Retirement Residence A | 684199.9 | 4864120.3 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.12 | 0.00E+00 | 0.00E+00 | 20.77 | 0.00E+00 | 0.00E+00 | 0.13 | 41.99 | 0.00E+00 | 0.25 | 0.07 | 11.33 | 0.00E+00 | 0.00E+00 | 1.35 | 11.99 | 0.34 | 0.12 | 41.09 | | | | |
| 114 | Retirement Residence B | 685483.9 | 4865150.9 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 16.26 | 0.00E+00 | 0.00E+00 | 0.11 | 32.88 | 0.00E+00 | 0.19 | 0.06 | 8.87 | 0.00E+00 | 0.00E+00 | 1.06 | 9.39 | 0.27 | 0.09 | 32.17 | | | | |
| 115 | Retirement Residence C | 686844.0 | 4864732.1 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 13.23 | 0.00E+00 | 0.00E+00 | 0.09 | 26.75 | 0.00E+00 | 0.16 | 0.05 | 7.22 | 0.00E+00 | 0.00E+00 | 0.86 | 7.64 | 0.22 | 0.07 | 26.17 | | | | |
| 116 | Retirement Residence D | 673481.7 | 4863343.4 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 9.01 | 0.00E+00 | 0.00E+00 | 0.06 | 18.22 | 0.00E+00 | 0.11 | 0.03 | 4.92 | 0.00E+00 | 0.00E+00 | 0.59 | 5.21 | 0.15 | 0.05 | 17.83 | | | | |
| 117 | Retirement Residence E | 671825.2 | 4864399.0 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.04 | 0.00E+00 | 0.00E+00 | 7.03 | 0.00E+00 | 0.00E+00 | 0.05 | 14.22 | 0.00E+00 | 0.08 | 0.02 | 3.84 | 0.00E+00 | 0.00E+00 | 0.46 | 4.06 | 0.12 | 0.04 | 13.92 | | | | |
| 118 | Retirement Residence F | 671606.3 | 4864536.0 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.04 | 0.00E+00 | 0.00E+00 | 6.90 | 0.00E+00 | 0.00E+00 | 0.04 | 13.94 | 0.00E+00 | 0.08 | 0.02 | 3.76 | 0.00E+00 | 0.00E+00 | 0.45 | 3.98 | 0.11 | 0.04 | 13.64 | | | | |
| 119 | Retirement Residence G | 671357.1 | 4862958.7 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.06 | 0.00E+00 | 0.00E+00 | 9.44 | 0.00E+00 | 0.00E+00 | 0.06 | 19.08 | 0.00E+00 | 0.11 | 0.03 | 5.15 | 0.00E+00 | 0.00E+00 | 0.61 | 5.45 | 0.15 | 0.05 | 18.67 | | | | |
| 120 | Retirement Residence H | 671514.0 | 4862262.9 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 8.96 | 0.00E+00 | 0.00E+00 | 0.06 | 18.12 | 0.00E+00 | 0.11 | 0.03 | 4.89 | 0.00E+00 | 0.00E+00 | 0.58 | 5.18 | 0.15 | 0.05 | 17.73 | | | | |
| 121 | Retirement Residence I | 672602.2 | 4863075.9 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.06 | 0.00E+00 | 0.00E+00 | 9.90 | 0.00E+00 | 0.00E+00 | 0.06 | 20.01 | 0.00E+00 | 0.12 | 0.03 | 5.40 | 0.00E+00 | 0.00E+00 | 0.64 | 5.71 | 0.16 | 0.06 | 19.58 | | | | |
| 122 | Retirement Residence J | 671719.1 | 4862893.1 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.06 | 0.00E+00 | 0.00E+00 | 9.68 | 0.00E+00 | 0.00E+00 | 0.06 | 19.57 | 0.00E+00 | 0.12 | 0.03 | 5.28 | 0.00E+00 | 0.00E+00 | 0.63 | 5.59 | 0.16 | 0.05 | 19.14 | | | | |
| 123 | Retirement Residence K | 686718.0 | 4865648.7 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 13.41 | 0.00E+00 | 0.00E+00 | 0.09 | 27.11 | 0.00E+00 | 0.16 | 0.05 | 7.31 | 0.00E+00 | 0.00E+00 | 0.87 | 7.74 | 0.22 | 0.08 | 26.52 | | | | |
| 124 | Retirement Residence L | 676168.7 | 4865669.9 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.04 | 0.00E+00 | 0.00E+00 | 7.27 | 0.00E+00 | 0.00E+00 | 0.05 | 14.70 | 0.00E+00 | 0.09 | 0.02 | 3.97 | 0.00E+00 | 0.00E+00 | 0.47 | 4.20 | 0.12 | 0.04 | 14.38 | | | | |
| 125 | Retirement Residence M | 676118.5 | 4863980.7 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.06 | 0.00E+00 | 0.00E+00 | 9.66 | 0.00E+00 | 0.00E+00 | 0.06 | 19.52 | 0.00E+00 | 0.11 | 0.03 | 5.27 | 0.00E+00 | 0.00E+00 | 0.63 | 5.58 | 0.16 | 0.05 | 19.10 | | | | |
| 126 | Bow. Subdivision 12 | 684649.2 | 4863182.7 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.12 | 0.00E+00 | 0.00E+00 | 20.28 | 0.00E+00 | 0.00E+00 | 0.13 | 40.99 | 0.00E+00 | 0.24 | 0.07 | 11.06 | 0.00E+00 | 0.00E+00 | 1.32 | 11.71 | 0.33 | 0.11 | 40.11 | | | | |
| 127 | Primary School B | 685384.8 | 4863575.3 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 17.20 | 0.00E+00 | 0.00E+00 | 0.11 | 34.78 | 0.00E+00 | 0.20 | 0.06 | 9.38 | 0.00E+00 | 0.00E+00 | 1.12 | 9.93 | 0.28 | 0.10 | 34.03 | | | | |
| 128 | Primary School C | 685021.6 | 4863952.9 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 17.13 | 0.00E+00 | 0.00E+00 | 0.11 | 34.64 | 0.00E+00 | 0.20 | 0.06 | 9.35 | 0.00E+00 | 0.00E+00 | 1.12 | 9.89 | 0.28 | 0.10 | 33.89 | | | | |
| 129 | Primary School D | 686237.0 | 4864085.5 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.09 | 0.00E+00 | 0.00E+00 | 14.90 | 0.00E+00 | 0.00E+00 | 0.10 | 30.12 | 0.00E+00 | 0.18 | 0.05 | 8.13 | 0.00E+00 | 0.00E+00 | 0.97 | 8.60 | 0.24 | 0.08 | 29.47 | | | | |
| 130 | Primary School E | 686719.0 | 4863734.7 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.09 | 0.00E+00 | 0.00E+00 | 14.58 | 0.00E+00 | 0.00E+00 | 0.09 | 29.46 | 0.00E+00 | 0.17 | 0.05 | 7.95 | 0.00E+00 | 0.00E+00 | 0.95 | 8.42 | 0.24 | 0.08 | 28.83 | | | | |
| 131 | Primary School F | 686357.0 | 4864754.9 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 13.87 | 0.00E+00 | 0.00E+00 | 0.09 | 28.03 | 0.00E+00 | 0.17 | 0.05 | 7.56 | 0.00E+00 | 0.00E+00 | 0.90 | 8.01 | 0.23 | 0.08 | 27.43 | | | | |
| 132 | Primary School G | 685502.0 | 4865013.4 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 16.46 | 0.00E+00 | 0.00E+00 | 0.11 | 33.28 | 0.00E+00 | 0.20 | 0.06 | 8.98 | 0.00E+00 | 0.00E+00 | 1.07 | 9.51 | 0.27 | 0.09 | 32.57 | | | | |
| 133 | Primary School H | 686726.7 | 4866061.5 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 13.28 | 0.00E+00 | 0.00E+00 | 0.09 | 26.85 | 0.00E+00 | 0.16 | 0.05 | 7.24 | 0.00E+00 | 0.00E+00 | 0.86 | 7.67 | 0.22 | 0.07 | 26.27 | | | | |
| 134 | Primary School I | 685186.2 | 4866568.2 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 13.88 | 0.00E+00 | 0.00E+00 | 0.09 | 28.06 | 0.00E+00 | 0.17 | 0.05 | 7.57 | 0.00E+00 | 0.00E+00 | 0.90 | 8.02 | 0.23 | 0.08 | 27.46 | | | | |
| 135 | Primary School J | 685965.3 | 4866979.0 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 13.01 | 0.00E+00 | 0.00E+00 | 0.08 | 26.29 | 0.00E+00 | 0.15 | 0.04 | 7.09 | 0.00E+00 | 0.00E+00 | 0.85 | 7.51 | 0.21 | 0.07 | 25.73 | | | | |
| 136 | Primary School K | 677709.9 | 4864726.5 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 8.94 | 0.00E+00 | 0.00E+00 | 0.06 | 18.08 | 0.00E+00 | 0.11 | 0.03 | 4.88 | 0.00E+00 | 0.00E+00 | 0.58 | 5.16 | 0.15 | 0.05 | 17.69 | | | | |
| 137 | Primary School L | 675988.3 | 4864270.2 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 9.16 | 0.00E+00 | 0.00E+00 | 0.06 | 18.51 | 0.00E+00 | 0.11 | 0.03 | 5.00 | 0.00E+00 | 0.00E+00 | 0.60 | 5.29 | 0.15 | 0.05 | 18.11 | | | | |
| 138 | Primary School M | 676608.7 | 4862739.0 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.09 | 0.00E+00 | 0.00E+00 | 14.89 | 0.00E+00 | 0.00E+00 | 0.10 | 30.10 | 0.00E+00 | 0.18 | 0.05 | 8.12 | 0.00E+00 | 0.00E+00 | 0.97 | 8.60 | 0.24 | 0.08 | 29.46 | | | | |
| 139 | Primary School N | 677222.2 | 4863759.1 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.06 | 0.00E+00 | 0.00E+00 | 10.72 | 0.00E+00 | 0.00E+00 | 0.07 | 21.66 | 0.00E+00 | 0.13 | 0.04 | 5.85 | 0.00E+00 | 0.00E+00 | 0.70 | 6.19 | 0.18 | 0.06 | 21.20 | | | | |
| 140 | Primary School O | 678154.9 | 4863872.7 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.06 | 0.00E+00 | 0.00E+00 | 11.08 | 0.00E+00 | 0.00E+00 | 0.07 | 22.39 | 0.00E+00 | 0.13 | 0.04 | 6.04 | 0.00E+00 | 0.00E+00 | 0.72 | 6.40 | 0.18 | 0.06 | 21.91 | | | | |
| 141 | Court. Subdivision 12 | 678309.6 | 4863600.8 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.07 | 0.00E+00 | 0.00E+00 | 12.14 | 0.00E+00 | 0.00E+00 | 0.08 | 24.55 | 0.00E+00 | 0.14 | 0.04 | 6.62 | 0.00E+00 | 0.00E+00 | 0.79 | 7.01 | 0.20 | 0.07 | 24.02 | | | | |
| 142 | Primary School Q | 677010.6 | 4862470.6 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 16.71 | 0.00E+00 | 0.00E+00 | 0.11 | 33.77 | 0.00E+00 | 0.20 | 0.06 | 9.11 | 0.00E+00 | 0.00E+00 | 1.09 | 9.65 | 0.27 | 0.09 | 33.05 | | | | |
| 143 | Primary School R | 677431.3 | 4866694.7 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.04 | 0.00E+00 | 0.00E+00 | 7.49 | 0.00E+00 | 0.00E+00 | 0.05 | 15.14 | 0.00E+00 | 0.09 | 0.03 | 4.08 | 0.00E+00 | 0.00E+00 | 0.49 | 4.32 | 0.12 | 0.04 | 14.81 | | | | |
| 144 | Primary School S | 675266.2 | 4863562.9 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.06 | 0.00E+00 | 0.00E+00 | 10.60 | 0.00E+00 | 0.00E+00 | 0.07 | 21.42 | 0.00E+00 | 0.13 | 0.04 | 5.78 | 0.00E+00 | 0.00E+00 | 0.69 | 6.12 | 0.17 | 0.06 | 20.96 | | | | |
| 145 | Primary School T | 673479.2 | 4860029.4 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 8.30 | 0.00E+00 | 0.00E+00 | 0.05 | 16.78 | 0.00E+00 | 0.10 | 0.03 | 4.53 | 0.00E+00 | 0.00E+00 | 0.54 | 4.79 | 0.14 | 0.05 | 16.42 | | | | |
| 146 | Primary School U | 670856.0 | 4860710.6 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.04 | 0.00E+00 | 0.00E+00 | 7.40 | 0.00E+00 | 0.00E+00 | 0.05 | 14.95 | 0.00E+00 | 0.09 | 0.03 | 4.03 | 0.00E+00 | 0.00E+00 | 0.48 | 4.27 | 0.12 | 0.04 | 14.63 | | | | |
| 147 | Primary School V | 672660.2 | 4863909.2 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 7.98 | 0.00E+00 | 0.00E+00 | 0.05 | 16.12 | 0.00E+00 | 0.09 | 0.03 | 4.35 | 0.00E+00 | 0.00E+00 | 0.52 | 4.61 | 0.13 | 0.05 | 15.78 | | | | |
| 148 | Primary School W | 672735.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix G-3: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Butadiene, 1,3- | Butanone, 2- | Carbon tetrachloride | Chloroform | Cumene | Dibromochloromethane | Dichlorodifluoromethane | Dichloroethane, 1,2- | Dichloroethane, trans-1,2- | Dichloroethane, 1,1- | Dichloromethane | Dichloropropane, 1,2- | Ethylbenzene | Ethylene Dibromide | Formaldehyde | Mesitylene | Styrene | Tetrachloroethene | Toluene | Trichloroethane, 1,1,1- | Trichloroethene | Trichlorofluoromethane | | | | |
|----------|---------------------|----------|-----------|--|----------------------------------|-----------------|--------------|----------------------|------------|----------|----------------------|-------------------------|----------------------|----------------------------|----------------------|-----------------|-----------------------|--------------|--------------------|--------------|------------|----------|-------------------|----------|-------------------------|-----------------|------------------------|----------------------------------|----------|----------|----------|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | Vapour (V)/Particulate (P) Phase | V | V | V |
| | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | | | | | | 3.70E-05 | 5.96E-05 | | | | | 0.01 | | | 6.61E-05 | 0.02 | | | 1.21E-04 | 3.48E-05 | 5.55E-03 | | | | 6.63E-04 | 5.88E-03 | 1.67E-04 |
| 163 | Primary School LL | 673762.3 | 4864210.6 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 8.29 | 0.00E+00 | 0.00E+00 | 0.05 | 16.76 | 0.00E+00 | 0.10 | 0.03 | 4.52 | 0.00E+00 | 0.00E+00 | 0.54 | 4.79 | 0.14 | 0.05 | 16.40 | | | | |
| 164 | Primary School MM | 672238.8 | 4864621.3 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.04 | 0.00E+00 | 0.00E+00 | 7.02 | 0.00E+00 | 0.00E+00 | 0.05 | 14.19 | 0.00E+00 | 0.08 | 0.02 | 3.83 | 0.00E+00 | 0.00E+00 | 0.46 | 4.05 | 0.12 | 0.04 | 13.89 | | | | |
| 165 | Primary School NN | 673213.6 | 4858677.0 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 8.00 | 0.00E+00 | 0.00E+00 | 0.05 | 16.16 | 0.00E+00 | 0.10 | 0.03 | 4.36 | 0.00E+00 | 0.00E+00 | 0.52 | 4.62 | 0.13 | 0.05 | 15.82 | | | | |
| 166 | Primary School OO | 675474.8 | 4863221.7 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.07 | 0.00E+00 | 0.00E+00 | 12.07 | 0.00E+00 | 0.00E+00 | 0.08 | 24.40 | 0.00E+00 | 0.14 | 0.04 | 6.59 | 0.00E+00 | 0.00E+00 | 0.79 | 6.97 | 0.20 | 0.07 | 23.88 | | | | |
| 167 | Primary School PP | 672441.8 | 4858748.6 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 7.75 | 0.00E+00 | 0.00E+00 | 0.05 | 15.67 | 0.00E+00 | 0.09 | 0.03 | 4.23 | 0.00E+00 | 0.00E+00 | 0.50 | 4.47 | 0.13 | 0.04 | 15.33 | | | | |
| 168 | Primary School QQ | 672796.8 | 4864438.2 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.04 | 0.00E+00 | 0.00E+00 | 7.35 | 0.00E+00 | 0.00E+00 | 0.05 | 14.87 | 0.00E+00 | 0.09 | 0.03 | 4.01 | 0.00E+00 | 0.00E+00 | 0.48 | 4.25 | 0.12 | 0.04 | 14.55 | | | | |
| 169 | Primary School RR | 671351.4 | 4863284.0 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 9.29 | 0.00E+00 | 0.00E+00 | 0.06 | 18.78 | 0.00E+00 | 0.11 | 0.03 | 5.07 | 0.00E+00 | 0.00E+00 | 0.60 | 5.36 | 0.15 | 0.05 | 18.38 | | | | |
| 170 | Primary School SS | 673213.9 | 4862125.5 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.07 | 0.00E+00 | 0.00E+00 | 11.16 | 0.00E+00 | 0.00E+00 | 0.07 | 22.55 | 0.00E+00 | 0.13 | 0.04 | 6.09 | 0.00E+00 | 0.00E+00 | 0.73 | 6.44 | 0.18 | 0.06 | 22.07 | | | | |
| 171 | Primary School TT | 671017.9 | 4860953.7 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.04 | 0.00E+00 | 0.00E+00 | 7.35 | 0.00E+00 | 0.00E+00 | 0.05 | 14.85 | 0.00E+00 | 0.09 | 0.03 | 4.01 | 0.00E+00 | 0.00E+00 | 0.48 | 4.24 | 0.12 | 0.04 | 14.53 | | | | |
| 172 | Primary School UU | 670991.0 | 4861089.8 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.04 | 0.00E+00 | 0.00E+00 | 7.23 | 0.00E+00 | 0.00E+00 | 0.05 | 14.61 | 0.00E+00 | 0.09 | 0.02 | 3.94 | 0.00E+00 | 0.00E+00 | 0.47 | 4.17 | 0.12 | 0.04 | 14.29 | | | | |
| 173 | Primary School VV | 674150.1 | 4862294.8 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 13.12 | 0.00E+00 | 0.00E+00 | 0.09 | 26.52 | 0.00E+00 | 0.16 | 0.04 | 7.16 | 0.00E+00 | 0.00E+00 | 0.85 | 7.58 | 0.22 | 0.07 | 25.95 | | | | |
| 174 | Primary School WW | 672005.2 | 4861707.9 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 8.60 | 0.00E+00 | 0.00E+00 | 0.06 | 17.39 | 0.00E+00 | 0.10 | 0.03 | 4.69 | 0.00E+00 | 0.00E+00 | 0.56 | 4.97 | 0.14 | 0.05 | 17.02 | | | | |
| 175 | Primary School XX | 684172.1 | 4863615.6 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.13 | 0.00E+00 | 0.00E+00 | 21.55 | 0.00E+00 | 0.00E+00 | 0.14 | 43.56 | 0.00E+00 | 0.26 | 0.07 | 11.75 | 0.00E+00 | 0.00E+00 | 1.40 | 12.44 | 0.35 | 0.12 | 42.63 | | | | |
| 176 | Primary School YY | 683923.3 | 4866636.4 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.09 | 0.00E+00 | 0.00E+00 | 15.14 | 0.00E+00 | 0.00E+00 | 0.10 | 30.60 | 0.00E+00 | 0.18 | 0.05 | 8.26 | 0.00E+00 | 0.00E+00 | 0.99 | 8.74 | 0.25 | 0.09 | 29.94 | | | | |
| 177 | Primary School ZZ | 680446.0 | 4865770.5 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.07 | 0.00E+00 | 0.00E+00 | 11.60 | 0.00E+00 | 0.00E+00 | 0.08 | 23.45 | 0.00E+00 | 0.14 | 0.04 | 6.33 | 0.00E+00 | 0.00E+00 | 0.76 | 6.70 | 0.19 | 0.07 | 22.94 | | | | |
| 178 | Vacant School | 685612.9 | 4864520.0 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.09 | 0.00E+00 | 0.00E+00 | 15.91 | 0.00E+00 | 0.00E+00 | 0.10 | 32.17 | 0.00E+00 | 0.19 | 0.05 | 8.68 | 0.00E+00 | 0.00E+00 | 1.04 | 9.19 | 0.26 | 0.09 | 31.48 | | | | |
| 179 | Secondary School A | 686291.4 | 4865064.3 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 13.98 | 0.00E+00 | 0.00E+00 | 0.09 | 28.26 | 0.00E+00 | 0.17 | 0.05 | 7.63 | 0.00E+00 | 0.00E+00 | 0.91 | 8.07 | 0.23 | 0.08 | 27.65 | | | | |
| 180 | Secondary School B | 683875.0 | 4864741.7 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.12 | 0.00E+00 | 0.00E+00 | 20.00 | 0.00E+00 | 0.00E+00 | 0.13 | 40.43 | 0.00E+00 | 0.24 | 0.07 | 10.91 | 0.00E+00 | 0.00E+00 | 1.30 | 11.55 | 0.33 | 0.11 | 39.56 | | | | |
| 181 | Secondary School C | 684650.3 | 4866460.3 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 14.31 | 0.00E+00 | 0.00E+00 | 0.09 | 28.92 | 0.00E+00 | 0.17 | 0.05 | 7.80 | 0.00E+00 | 0.00E+00 | 0.93 | 8.26 | 0.23 | 0.08 | 28.30 | | | | |
| 182 | Secondary School D | 678099.5 | 4864838.2 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 8.68 | 0.00E+00 | 0.00E+00 | 0.06 | 17.55 | 0.00E+00 | 0.10 | 0.03 | 4.74 | 0.00E+00 | 0.00E+00 | 0.57 | 5.01 | 0.14 | 0.05 | 17.17 | | | | |
| 183 | Secondary School E | 678467.0 | 4863431.2 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.07 | 0.00E+00 | 0.00E+00 | 12.26 | 0.00E+00 | 0.00E+00 | 0.08 | 24.78 | 0.00E+00 | 0.15 | 0.04 | 6.69 | 0.00E+00 | 0.00E+00 | 0.80 | 7.08 | 0.20 | 0.07 | 24.25 | | | | |
| 184 | Secondary School F | 674144.9 | 4862762.7 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.06 | 0.00E+00 | 0.00E+00 | 10.89 | 0.00E+00 | 0.00E+00 | 0.07 | 22.02 | 0.00E+00 | 0.13 | 0.04 | 5.94 | 0.00E+00 | 0.00E+00 | 0.71 | 6.29 | 0.18 | 0.06 | 21.54 | | | | |
| 185 | Secondary School G | 673816.0 | 4864357.1 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 8.29 | 0.00E+00 | 0.00E+00 | 0.05 | 16.75 | 0.00E+00 | 0.10 | 0.03 | 4.52 | 0.00E+00 | 0.00E+00 | 0.54 | 4.79 | 0.14 | 0.05 | 16.39 | | | | |
| 186 | Secondary School H | 673145.4 | 4858569.0 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.04 | 0.00E+00 | 0.00E+00 | 7.66 | 0.00E+00 | 0.00E+00 | 0.05 | 15.49 | 0.00E+00 | 0.09 | 0.03 | 4.18 | 0.00E+00 | 0.00E+00 | 0.50 | 4.42 | 0.13 | 0.04 | 15.16 | | | | |
| 187 | Secondary School I | 671291.7 | 4863581.3 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 8.99 | 0.00E+00 | 0.00E+00 | 0.06 | 18.17 | 0.00E+00 | 0.11 | 0.03 | 4.90 | 0.00E+00 | 0.00E+00 | 0.59 | 5.19 | 0.15 | 0.05 | 17.78 | | | | |
| 188 | Secondary School J | 671443.2 | 4861664.9 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.04 | 0.00E+00 | 0.00E+00 | 7.58 | 0.00E+00 | 0.00E+00 | 0.05 | 15.32 | 0.00E+00 | 0.09 | 0.03 | 4.13 | 0.00E+00 | 0.00E+00 | 0.49 | 4.38 | 0.12 | 0.04 | 14.99 | | | | |
| 189 | Secondary School K | 673235.3 | 4860885.0 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 8.66 | 0.00E+00 | 0.00E+00 | 0.06 | 17.50 | 0.00E+00 | 0.10 | 0.03 | 4.72 | 0.00E+00 | 0.00E+00 | 0.56 | 5.00 | 0.14 | 0.05 | 17.13 | | | | |
| 190 | Secondary School L | 684252.7 | 4866500.5 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.09 | 0.00E+00 | 0.00E+00 | 15.00 | 0.00E+00 | 0.00E+00 | 0.10 | 30.32 | 0.00E+00 | 0.18 | 0.05 | 8.18 | 0.00E+00 | 0.00E+00 | 0.98 | 8.66 | 0.25 | 0.08 | 29.67 | | | | |
| 191 | Secondary School M | 673914.1 | 4859551.7 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.06 | 0.00E+00 | 0.00E+00 | 10.96 | 0.00E+00 | 0.00E+00 | 0.07 | 22.16 | 0.00E+00 | 0.13 | 0.04 | 5.98 | 0.00E+00 | 0.00E+00 | 0.71 | 6.33 | 0.18 | 0.06 | 21.68 | | | | |
| 192 | Secondary School N | 675051.5 | 4864177.2 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.06 | 0.00E+00 | 0.00E+00 | 9.50 | 0.00E+00 | 0.00E+00 | 0.06 | 19.21 | 0.00E+00 | 0.11 | 0.03 | 5.18 | 0.00E+00 | 0.00E+00 | 0.62 | 5.49 | 0.16 | 0.05 | 18.79 | | | | |
| 193 | Adult School | 685276.1 | 4866019.8 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 14.09 | 0.00E+00 | 0.00E+00 | 0.09 | 28.49 | 0.00E+00 | 0.17 | 0.05 | 7.69 | 0.00E+00 | 0.00E+00 | 0.92 | 8.14 | 0.23 | 0.08 | 27.88 | | | | |
| 194 | Bow. Valley Cons. 1 | 685356.6 | 4864521.2 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 16.30 | 0.00E+00 | 0.00E+00 | 0.11 | 32.95 | 0.00E+00 | 0.19 | 0.06 | 8.89 | 0.00E+00 | 0.00E+00 | 1.06 | 9.41 | 0.27 | 0.09 | 32.24 | | | | |
| 195 | Bow. Valley Cons. 2 | 685627.7 | 4864167.8 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.09 | 0.00E+00 | 0.00E+00 | 14.90 | 0.00E+00 | 0.00E+00 | 0.10 | 30.13 | 0.00E+00 | 0.18 | 0.05 | 8.13 | 0.00E+00 | 0.00E+00 | 0.97 | 8.61 | 0.24 | 0.08 | 29.48 | | | | |
| 196 | Bow. Valley Cons. 4 | 685852.7 | 4863640.2 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.09 | 0.00E+00 | 0.00E+00 | 16.10 | 0.00E+00 | 0.00E+00 | 0.10 | 32.56 | 0.00E+00 | 0.19 | 0.06 | 8.78 | 0.00E+00 | 0.00E+00 | 1.05 | 9.30 | 0.26 | 0.09 | 31.86 | | | | |
| 197 | Bow. Valley Cons. 5 | 686163.1 | 4863621.5 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.09 | 0.00E+00 | 0.00E+00 | 15.64 | 0.00E+00 | 0.00E+00 | 0.10 | 31.62 | 0.00E+00 | 0.19 | 0.05 | 8.53 | 0.00E+00 | 0.00E+00 | 1.02 | 9.03 | 0.26 | 0.09 | 30.95 | | | | |
| 198 | Bow. Valley Cons. 6 | 685931.9 | 4863380.6 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 16.28 | 0.00E+00 | 0.00E+00 | 0.11 | 32.91 | 0.00E+00 | 0.19 | 0.06 | 8.88 | 0.00E+00 | 0.00E+00 | 1.06 | 9.40 | 0.27 | 0.09 | 32.20 | | | | |
| 199 | Maple Grove 1 | 681688.5 | 4864717.0 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.09 | 0.00E+00 | 0.00E+00 | 15.08 | 0.00E+00 | 0.00E+00 | 0.10 | 30.49 | 0.00E+00 | 0.18 | 0.05 | 8.23 | 0.00E+00 | 0.00E+00 | 0.98 | 8.71 | 0.25 | 0.09 | 29.84 | | | | |
| 200 | Maple Grove 2 | 681768.9 | 4864631.8 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.09 | 0.00E+00 | 0.00E+00 | 15.50 | 0.00E+00 | 0.00E+00 | 0.10 | 31.33 | 0.00E+00 | 0.18 | 0.05 | 8.45 | 0.00E+00 | 0.00E+00 | 1.01 | 8.95 | 0.25 | 0.09 | 30.65 | | | | |
| 201 | Maple Grove 3 | 681894.9 | 4864506.8 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.09 | 0.00E+00 | 0.00E+00 | 15.61 | 0.00E+00 | 0.00E+00 | 0.10 | 31.56 | 0.00E+00 | 0.19 | 0.05 | 8.52 | 0.00E | | | | | | | | | | |

Appendix G-3: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Butadiene, 1,3- | Butanone, 2- | Carbon tetrachloride | Chloroform | Cumene | Dibromochloromethane | Dichlorodifluoromethane | Dichloroethane, 1,2- | Dichloroethane, trans-1,2- | Dichloroethane, 1,1- | Dichloromethane | Dichloropropane, 1,2- | Ethylbenzene | Ethylene Dibromide | Formaldehyde | Mesitylene | Styrene | Tetrachloroethene | Toluene | Trichloroethane, 1,1,1- | Trichloroethene | Trichlorofluoromethane | |
|----------|--------------------|----------|-----------|--|----------------------------------|-----------------|--------------|----------------------|------------|----------|----------------------|-------------------------|----------------------|----------------------------|----------------------|-----------------|-----------------------|--------------|--------------------|--------------|------------|----------|-------------------|----------|-------------------------|-----------------|------------------------|------|
| | | | | Vapour (V)/Particulate (P) Phase | | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | | | | 3.70E-05 | 5.96E-05 | | | | | 0.01 | | 6.61E-05 | 0.02 | | 1.21E-04 | 3.48E-05 | 5.55E-03 | | | 6.63E-04 | 5.88E-03 | 1.67E-04 | 5.75E-05 | 0.02 |
| 217 | Port Darlington 9 | 686867.4 | 4862119.7 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 16.52 | 0.00E+00 | 0.00E+00 | 0.11 | 33.39 | 0.00E+00 | 0.20 | 0.06 | 9.01 | 0.00E+00 | 0.00E+00 | 1.08 | 9.54 | 0.27 | 0.09 | 32.68 | |
| 218 | Port Darlington 10 | 687190.7 | 4862048.8 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 16.53 | 0.00E+00 | 0.00E+00 | 0.11 | 33.42 | 0.00E+00 | 0.20 | 0.06 | 9.02 | 0.00E+00 | 0.00E+00 | 1.08 | 9.54 | 0.27 | 0.09 | 32.70 | |
| 219 | Port Darlington 11 | 687524.4 | 4862126.8 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.09 | 0.00E+00 | 0.00E+00 | 15.96 | 0.00E+00 | 0.00E+00 | 0.10 | 32.27 | 0.00E+00 | 0.19 | 0.05 | 8.71 | 0.00E+00 | 0.00E+00 | 1.04 | 9.22 | 0.26 | 0.09 | 31.58 | |
| 220 | Campground 1 | 678646.3 | 4860337.7 | | | 0.00E+00 | 0.00E+00 | 0.13 | 0.21 | 0.00E+00 | 0.00E+00 | 36.48 | 0.00E+00 | 0.00E+00 | 0.24 | 73.75 | 0.00E+00 | 0.43 | 0.12 | 19.90 | 0.00E+00 | 0.00E+00 | 2.38 | 21.06 | 0.60 | 0.21 | 72.17 | |
| 221 | Campground 2 | 678410.2 | 4860148.6 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 26.18 | 0.00E+00 | 0.00E+00 | 0.17 | 52.92 | 0.00E+00 | 0.31 | 0.09 | 14.28 | 0.00E+00 | 0.00E+00 | 1.70 | 15.12 | 0.43 | 0.15 | 51.78 | |
| 222 | Campground 3 | 678651.0 | 4860054.4 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.14 | 0.00E+00 | 0.00E+00 | 23.33 | 0.00E+00 | 0.00E+00 | 0.15 | 47.16 | 0.00E+00 | 0.28 | 0.08 | 12.73 | 0.00E+00 | 0.00E+00 | 1.52 | 13.47 | 0.38 | 0.13 | 46.15 | |
| 223 | Campground 4 | 678725.9 | 4859860.7 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.12 | 0.00E+00 | 0.00E+00 | 21.27 | 0.00E+00 | 0.00E+00 | 0.14 | 42.99 | 0.00E+00 | 0.25 | 0.07 | 11.60 | 0.00E+00 | 0.00E+00 | 1.38 | 12.28 | 0.35 | 0.12 | 42.07 | |
| 224 | Campground 5 | 678511.1 | 4859808.6 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.11 | 0.00E+00 | 0.00E+00 | 19.12 | 0.00E+00 | 0.00E+00 | 0.12 | 38.65 | 0.00E+00 | 0.23 | 0.07 | 10.43 | 0.00E+00 | 0.00E+00 | 1.25 | 11.04 | 0.31 | 0.11 | 37.82 | |
| 225 | Campground 6 | 678869.5 | 4859696.0 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 17.56 | 0.00E+00 | 0.00E+00 | 0.11 | 35.49 | 0.00E+00 | 0.21 | 0.06 | 9.58 | 0.00E+00 | 0.00E+00 | 1.14 | 10.14 | 0.29 | 0.10 | 34.73 | |
| 226 | Campground 7 | 678723.9 | 4860201.8 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.18 | 0.00E+00 | 0.00E+00 | 30.04 | 0.00E+00 | 0.00E+00 | 0.20 | 60.72 | 0.00E+00 | 0.36 | 0.10 | 16.38 | 0.00E+00 | 0.00E+00 | 1.96 | 17.34 | 0.49 | 0.17 | 59.42 | |
| 227 | Campground 8 | 678796.0 | 4860011.4 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.13 | 0.00E+00 | 0.00E+00 | 22.44 | 0.00E+00 | 0.00E+00 | 0.15 | 45.37 | 0.00E+00 | 0.27 | 0.08 | 12.24 | 0.00E+00 | 0.00E+00 | 1.46 | 12.96 | 0.37 | 0.13 | 44.40 | |
| 228 | Campground 9 | 678852.7 | 4859854.2 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.13 | 0.00E+00 | 0.00E+00 | 21.43 | 0.00E+00 | 0.00E+00 | 0.14 | 43.32 | 0.00E+00 | 0.26 | 0.07 | 11.69 | 0.00E+00 | 0.00E+00 | 1.40 | 12.37 | 0.35 | 0.12 | 42.39 | |
| 229 | Solina 1 | 681099.6 | 4861677.2 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.18 | 0.00E+00 | 0.00E+00 | 31.45 | 0.00E+00 | 0.00E+00 | 0.20 | 63.59 | 0.00E+00 | 0.37 | 0.11 | 17.16 | 0.00E+00 | 0.00E+00 | 2.05 | 18.16 | 0.52 | 0.18 | 62.22 | |
| 230 | Solina 2 | 681115.7 | 4861857.7 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.19 | 0.00E+00 | 0.00E+00 | 31.83 | 0.00E+00 | 0.00E+00 | 0.21 | 64.34 | 0.00E+00 | 0.38 | 0.11 | 17.36 | 0.00E+00 | 0.00E+00 | 2.07 | 18.38 | 0.52 | 0.18 | 62.96 | |
| 231 | Solina 3 | 680987.4 | 4861983.5 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 26.05 | 0.00E+00 | 0.00E+00 | 0.17 | 52.66 | 0.00E+00 | 0.31 | 0.09 | 14.21 | 0.00E+00 | 0.00E+00 | 1.70 | 15.04 | 0.43 | 0.15 | 51.53 | |
| 232 | Solina 4 | 680965.0 | 4862068.1 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 25.05 | 0.00E+00 | 0.00E+00 | 0.16 | 50.65 | 0.00E+00 | 0.30 | 0.09 | 13.67 | 0.00E+00 | 0.00E+00 | 1.63 | 14.47 | 0.41 | 0.14 | 49.56 | |
| 233 | Solina 5 | 681021.5 | 4862086.7 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 26.08 | 0.00E+00 | 0.00E+00 | 0.17 | 52.72 | 0.00E+00 | 0.31 | 0.09 | 14.23 | 0.00E+00 | 0.00E+00 | 1.70 | 15.06 | 0.43 | 0.15 | 51.59 | |
| 234 | Solina 6 | 680939.8 | 4862124.3 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.14 | 0.00E+00 | 0.00E+00 | 24.31 | 0.00E+00 | 0.00E+00 | 0.16 | 49.14 | 0.00E+00 | 0.29 | 0.08 | 13.26 | 0.00E+00 | 0.00E+00 | 1.58 | 14.04 | 0.40 | 0.14 | 48.08 | |
| 235 | Solina 7 | 680988.2 | 4862183.6 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 24.90 | 0.00E+00 | 0.00E+00 | 0.16 | 50.35 | 0.00E+00 | 0.30 | 0.09 | 13.59 | 0.00E+00 | 0.00E+00 | 1.62 | 14.38 | 0.41 | 0.14 | 49.27 | |
| 236 | Solina 8 | 680984.6 | 4862209.8 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.14 | 0.00E+00 | 0.00E+00 | 24.63 | 0.00E+00 | 0.00E+00 | 0.16 | 49.79 | 0.00E+00 | 0.29 | 0.08 | 13.43 | 0.00E+00 | 0.00E+00 | 1.60 | 14.22 | 0.40 | 0.14 | 48.72 | |
| 237 | Solina 9 | 680958.6 | 4862294.9 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.14 | 0.00E+00 | 0.00E+00 | 23.90 | 0.00E+00 | 0.00E+00 | 0.16 | 48.31 | 0.00E+00 | 0.28 | 0.08 | 13.04 | 0.00E+00 | 0.00E+00 | 1.56 | 13.80 | 0.39 | 0.13 | 47.27 | |
| 238 | Solina 10 | 680858.0 | 4862324.3 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.13 | 0.00E+00 | 0.00E+00 | 22.92 | 0.00E+00 | 0.00E+00 | 0.15 | 46.33 | 0.00E+00 | 0.27 | 0.08 | 12.50 | 0.00E+00 | 0.00E+00 | 1.49 | 13.23 | 0.38 | 0.13 | 45.34 | |
| 239 | Solina 11 | 680990.3 | 4862403.5 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.14 | 0.00E+00 | 0.00E+00 | 24.01 | 0.00E+00 | 0.00E+00 | 0.16 | 48.54 | 0.00E+00 | 0.29 | 0.08 | 13.10 | 0.00E+00 | 0.00E+00 | 1.56 | 13.87 | 0.39 | 0.14 | 47.50 | |
| 240 | Recreational 1 | 681545.0 | 4860865.0 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 25.43 | 0.00E+00 | 0.00E+00 | 0.17 | 51.42 | 0.00E+00 | 0.30 | 0.09 | 13.87 | 0.00E+00 | 0.00E+00 | 1.66 | 14.69 | 0.42 | 0.14 | 50.31 | |
| 241 | Recreational 2 | 681563.7 | 4860687.4 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.14 | 0.00E+00 | 0.00E+00 | 24.19 | 0.00E+00 | 0.00E+00 | 0.16 | 48.91 | 0.00E+00 | 0.29 | 0.08 | 13.20 | 0.00E+00 | 0.00E+00 | 1.58 | 13.97 | 0.40 | 0.14 | 47.86 | |
| 242 | Recreational 3 | 681579.7 | 4860610.0 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.14 | 0.00E+00 | 0.00E+00 | 24.62 | 0.00E+00 | 0.00E+00 | 0.16 | 49.78 | 0.00E+00 | 0.29 | 0.08 | 13.43 | 0.00E+00 | 0.00E+00 | 1.60 | 14.22 | 0.40 | 0.14 | 48.71 | |
| 243 | Recreational 6 | 681876.6 | 4860254.4 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.17 | 0.00E+00 | 0.00E+00 | 28.41 | 0.00E+00 | 0.00E+00 | 0.18 | 57.44 | 0.00E+00 | 0.34 | 0.10 | 15.50 | 0.00E+00 | 0.00E+00 | 1.85 | 16.41 | 0.47 | 0.16 | 56.21 | |
| 244 | Recreational 7 | 682166.9 | 4860324.4 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.18 | 0.00E+00 | 0.00E+00 | 30.59 | 0.00E+00 | 0.00E+00 | 0.20 | 61.83 | 0.00E+00 | 0.36 | 0.10 | 16.68 | 0.00E+00 | 0.00E+00 | 1.99 | 17.66 | 0.50 | 0.17 | 60.50 | |
| 245 | Darlington 1 | 679565.4 | 4861052.9 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.17 | 0.00E+00 | 0.00E+00 | 28.26 | 0.00E+00 | 0.00E+00 | 0.18 | 57.13 | 0.00E+00 | 0.34 | 0.10 | 15.42 | 0.00E+00 | 0.00E+00 | 1.84 | 16.32 | 0.46 | 0.16 | 55.90 | |
| 246 | Darlington 2 | 679452.9 | 4861051.4 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.17 | 0.00E+00 | 0.00E+00 | 28.78 | 0.00E+00 | 0.00E+00 | 0.19 | 58.19 | 0.00E+00 | 0.34 | 0.10 | 15.70 | 0.00E+00 | 0.00E+00 | 1.87 | 16.62 | 0.47 | 0.16 | 56.94 | |
| 247 | Darlington 3 | 679130.5 | 4860948.8 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.19 | 0.00E+00 | 0.00E+00 | 33.18 | 0.00E+00 | 0.00E+00 | 0.22 | 67.08 | 0.00E+00 | 0.39 | 0.11 | 18.10 | 0.00E+00 | 0.00E+00 | 2.16 | 19.16 | 0.54 | 0.19 | 65.63 | |
| 248 | Darlington 4 | 679112.6 | 4860941.9 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.20 | 0.00E+00 | 0.00E+00 | 33.46 | 0.00E+00 | 0.00E+00 | 0.22 | 67.65 | 0.00E+00 | 0.40 | 0.11 | 18.25 | 0.00E+00 | 0.00E+00 | 2.18 | 19.32 | 0.55 | 0.19 | 66.20 | |
| 249 | Darlington 5 | 679057.6 | 4860994.1 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.20 | 0.00E+00 | 0.00E+00 | 33.88 | 0.00E+00 | 0.00E+00 | 0.22 | 68.50 | 0.00E+00 | 0.40 | 0.12 | 18.48 | 0.00E+00 | 0.00E+00 | 2.21 | 19.56 | 0.56 | 0.19 | 67.03 | |
| 250 | Darlington 6 | 679075.2 | 4860931.6 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.20 | 0.00E+00 | 0.00E+00 | 33.84 | 0.00E+00 | 0.00E+00 | 0.22 | 68.42 | 0.00E+00 | 0.40 | 0.12 | 18.46 | 0.00E+00 | 0.00E+00 | 2.20 | 19.54 | 0.55 | 0.19 | 66.95 | |
| 251 | Darlington 7 | 678814.3 | 4860843.1 | | | 0.00E+00 | 0.00E+00 | 0.15 | 0.24 | 0.00E+00 | 0.00E+00 | 40.71 | 0.00E+00 | 0.00E+00 | 0.26 | 82.30 | 0.00E+00 | 0.48 | 0.14 | 22.21 | 0.00E+00 | 0.00E+00 | 2.65 | 23.51 | 0.67 | 0.23 | 80.53 | |
| 252 | Darlington 8 | 678840.4 | 4860777.1 | | | 0.00E+00 | 0.00E+00 | 0.15 | 0.24 | 0.00E+00 | 0.00E+00 | 41.29 | 0.00E+00 | 0.00E+00 | 0.27 | 83.48 | 0.00E+00 | 0.49 | 0.14 | 22.53 | 0.00E+00 | 0.00E+00 | 2.69 | 23.84 | 0.68 | 0.23 | 81.69 | |
| 253 | Light Ind. 1 | 680000.1 | 4861034.1 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.14 | 0.00E+00 | 0.00E+00 | 23.46 | 0.00E+00 | 0.00E+00 | 0.15 | 47.43 | 0.00E+00 | 0.28 | 0.08 | 12.80 | 0.00E+00 | 0.00E+00 | 1.53 | 13.55 | 0.38 | 0.13 | 46.41 | |
| 254 | Light Ind. 2 | 680060.7 | 4861056.4 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.14 | 0.00E+00 | 0.00E+00 | 23.07 | 0.00E+00 | 0.00E+00 | 0.15 | 46.63 | 0.00E+00 | 0.27 | 0.08 | 12.58 | 0.00E+00 | 0.00E+00 | 1.50 | 13.32 | 0.38 | 0.13 | 45.63 | |
| 255 | Light Ind. 3 | 680291.2 | 4861151.6 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.12 | 0.00E+00 | 0.00E+00 | 21.32 | 0.00E+00 | 0.00E+00 | 0.14 | 43.09 | 0.00E+00 | 0.25 | 0.07 | 11.63 | 0.00E+00 | 0.00E+00 | | | | | | |

Appendix G-3: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Butadiene, 1,3- | Butanone, 2- | Carbon tetrachloride | Chloroform | Cumene | Dibromochloromethane | Dichlorodifluoromethane | Dichloroethane, 1,2- | Dichloroethane, trans-1,2- | Dichloroethane, 1,1- | Dichloromethane | Dichloropropane, 1,2- | Ethylbenzene | Ethylene Dibromide | Formaldehyde | Mesitylene | Styrene | Tetrachloroethene | Toluene | Trichloroethane, 1,1,1- | Trichloroethene | Trichlorofluoromethane | | | |
|----------|----------------------------|--|-----------|-------------|----------------------------------|----------------------------------|--------------|----------------------|------------|----------|----------------------|-------------------------|----------------------|----------------------------|----------------------|-----------------|-----------------------|--------------|--------------------|--------------|------------|----------|-------------------|---------|-------------------------|-----------------|------------------------|----------|----------|------|
| | | (m) | (m) | | | Vapour (V)/Particulate (P) Phase | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | Updated Facility Contaminant Emission Rate (g/s) | | | | | 3.70E-05 | 5.96E-05 | | | | | | | 0.01 | | | 6.61E-05 | 0.02 | | 1.21E-04 | 3.48E-05 | 5.55E-03 | | | 6.63E-04 | 5.88E-03 | 1.67E-04 | 5.75E-05 | 0.02 |
| 271 | Future Industrial 5 | 679898.8 | 4860067.4 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 9.20 | 0.00E+00 | 0.00E+00 | 0.06 | 18.59 | 0.00E+00 | 0.11 | 0.03 | 5.02 | 0.00E+00 | 0.00E+00 | 0.60 | 5.31 | 0.15 | 0.05 | 18.19 | | | |
| 272 | Future Industrial 6 | 680134.8 | 4860694.1 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.09 | 0.00E+00 | 0.00E+00 | 15.71 | 0.00E+00 | 0.00E+00 | 0.10 | 31.76 | 0.00E+00 | 0.19 | 0.05 | 8.57 | 0.00E+00 | 0.00E+00 | 1.02 | 9.07 | 0.26 | 0.09 | 31.08 | | | |
| 273 | Future Industrial 11 | 680253.7 | 4860255.2 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.06 | 0.00E+00 | 0.00E+00 | 9.71 | 0.00E+00 | 0.00E+00 | 0.06 | 19.63 | 0.00E+00 | 0.12 | 0.03 | 5.30 | 0.00E+00 | 0.00E+00 | 0.63 | 5.61 | 0.16 | 0.05 | 19.21 | | | |
| 274 | Future Industrial 12 | 679901.2 | 4860511.8 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.09 | 0.00E+00 | 0.00E+00 | 15.86 | 0.00E+00 | 0.00E+00 | 0.10 | 32.05 | 0.00E+00 | 0.19 | 0.05 | 8.65 | 0.00E+00 | 0.00E+00 | 1.03 | 9.16 | 0.26 | 0.09 | 31.36 | | | |
| 275 | Commercial Farmer | 679867.8 | 4860445.4 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.09 | 0.00E+00 | 0.00E+00 | 15.73 | 0.00E+00 | 0.00E+00 | 0.10 | 31.81 | 0.00E+00 | 0.19 | 0.05 | 8.58 | 0.00E+00 | 0.00E+00 | 1.02 | 9.08 | 0.26 | 0.09 | 31.12 | | | |
| 276 | Farmer | 679277.0 | 4859981.5 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 17.20 | 0.00E+00 | 0.00E+00 | 0.11 | 34.78 | 0.00E+00 | 0.20 | 0.06 | 9.38 | 0.00E+00 | 0.00E+00 | 1.12 | 9.93 | 0.28 | 0.10 | 34.03 | | | |
| 277 | Residence | 679387.2 | 4860648.9 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.20 | 0.00E+00 | 0.00E+00 | 33.42 | 0.00E+00 | 0.00E+00 | 0.22 | 67.57 | 0.00E+00 | 0.40 | 0.11 | 18.23 | 0.00E+00 | 0.00E+00 | 2.18 | 19.30 | 0.55 | 0.19 | 66.11 | | | |
| 278 | Barn | 679261.9 | 4860574.2 | | | 0.00E+00 | 0.00E+00 | 0.14 | 0.22 | 0.00E+00 | 0.00E+00 | 37.63 | 0.00E+00 | 0.00E+00 | 0.24 | 76.07 | 0.00E+00 | 0.45 | 0.13 | 20.53 | 0.00E+00 | 0.00E+00 | 2.45 | 21.73 | 0.62 | 0.21 | 74.43 | | | |
| 279 | Residence | 680150.7 | 4861295.7 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.13 | 0.00E+00 | 0.00E+00 | 22.89 | 0.00E+00 | 0.00E+00 | 0.15 | 46.27 | 0.00E+00 | 0.27 | 0.08 | 12.49 | 0.00E+00 | 0.00E+00 | 1.49 | 13.22 | 0.38 | 0.13 | 45.28 | | | |
| 280 | Residence | 679939.8 | 4861213.4 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.14 | 0.00E+00 | 0.00E+00 | 24.08 | 0.00E+00 | 0.00E+00 | 0.16 | 48.68 | 0.00E+00 | 0.29 | 0.08 | 13.13 | 0.00E+00 | 0.00E+00 | 1.57 | 13.90 | 0.39 | 0.14 | 47.63 | | | |
| 281 | Farmer | 680855.7 | 4861456.9 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.16 | 0.00E+00 | 0.00E+00 | 27.14 | 0.00E+00 | 0.00E+00 | 0.18 | 54.87 | 0.00E+00 | 0.32 | 0.09 | 14.81 | 0.00E+00 | 0.00E+00 | 1.77 | 15.67 | 0.44 | 0.15 | 53.69 | | | |
| 282 | Farmer | 681386.2 | 4861673.3 | | | 0.00E+00 | 0.00E+00 | 0.14 | 0.23 | 0.00E+00 | 0.00E+00 | 39.74 | 0.00E+00 | 0.00E+00 | 0.26 | 80.34 | 0.00E+00 | 0.47 | 0.14 | 21.68 | 0.00E+00 | 0.00E+00 | 2.59 | 22.95 | 0.65 | 0.22 | 78.62 | | | |
| 283 | Residence | 680683.5 | 4861597.9 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.14 | 0.00E+00 | 0.00E+00 | 23.87 | 0.00E+00 | 0.00E+00 | 0.16 | 48.26 | 0.00E+00 | 0.28 | 0.08 | 13.02 | 0.00E+00 | 0.00E+00 | 1.55 | 13.78 | 0.39 | 0.13 | 47.22 | | | |
| 284 | Business | 680064.3 | 4861343.7 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.14 | 0.00E+00 | 0.00E+00 | 23.42 | 0.00E+00 | 0.00E+00 | 0.15 | 47.35 | 0.00E+00 | 0.28 | 0.08 | 12.78 | 0.00E+00 | 0.00E+00 | 1.53 | 13.52 | 0.38 | 0.13 | 46.33 | | | |
| 285 | Farmer | 679680.1 | 4861213.5 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.16 | 0.00E+00 | 0.00E+00 | 27.43 | 0.00E+00 | 0.00E+00 | 0.18 | 55.46 | 0.00E+00 | 0.33 | 0.09 | 14.96 | 0.00E+00 | 0.00E+00 | 1.79 | 15.84 | 0.45 | 0.15 | 54.27 | | | |
| 286 | Farmer | 681344.8 | 4861792.9 | | | 0.00E+00 | 0.00E+00 | 0.14 | 0.22 | 0.00E+00 | 0.00E+00 | 37.88 | 0.00E+00 | 0.00E+00 | 0.25 | 76.59 | 0.00E+00 | 0.45 | 0.13 | 20.67 | 0.00E+00 | 0.00E+00 | 2.47 | 21.87 | 0.62 | 0.21 | 74.94 | | | |
| 287 | Youth Centre | 685644.2 | 4864814.8 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 16.26 | 0.00E+00 | 0.00E+00 | 0.11 | 32.88 | 0.00E+00 | 0.19 | 0.06 | 8.87 | 0.00E+00 | 0.00E+00 | 1.06 | 9.39 | 0.27 | 0.09 | 32.17 | | | |
| 288 | Bowmanville Arena | 685462.9 | 4864615.2 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 16.56 | 0.00E+00 | 0.00E+00 | 0.11 | 33.47 | 0.00E+00 | 0.20 | 0.06 | 9.03 | 0.00E+00 | 0.00E+00 | 1.08 | 9.56 | 0.27 | 0.09 | 32.75 | | | |
| 289 | Bowmanville Rec Complex | 684160.3 | 4864604.5 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.11 | 0.00E+00 | 0.00E+00 | 19.19 | 0.00E+00 | 0.00E+00 | 0.12 | 38.80 | 0.00E+00 | 0.23 | 0.07 | 10.47 | 0.00E+00 | 0.00E+00 | 1.25 | 11.08 | 0.31 | 0.11 | 37.96 | | | |
| 290 | Recreation Complex | 684586.6 | 4862406.3 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.11 | 0.00E+00 | 0.00E+00 | 19.36 | 0.00E+00 | 0.00E+00 | 0.13 | 39.13 | 0.00E+00 | 0.23 | 0.07 | 10.56 | 0.00E+00 | 0.00E+00 | 1.26 | 11.18 | 0.32 | 0.11 | 38.29 | | | |
| 291 | Superdog Central | 681487.7 | 4865723.3 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.07 | 0.00E+00 | 0.00E+00 | 11.63 | 0.00E+00 | 0.00E+00 | 0.08 | 23.50 | 0.00E+00 | 0.14 | 0.04 | 6.34 | 0.00E+00 | 0.00E+00 | 0.76 | 6.71 | 0.19 | 0.07 | 23.00 | | | |
| 292 | Equestrian Centre | 681567.1 | 4863670.7 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.11 | 0.00E+00 | 0.00E+00 | 19.29 | 0.00E+00 | 0.00E+00 | 0.13 | 39.00 | 0.00E+00 | 0.23 | 0.07 | 10.52 | 0.00E+00 | 0.00E+00 | 1.26 | 11.14 | 0.32 | 0.11 | 38.16 | | | |
| 293 | Flea Market | 678574.6 | 4862819.4 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 14.30 | 0.00E+00 | 0.00E+00 | 0.09 | 28.92 | 0.00E+00 | 0.17 | 0.05 | 7.80 | 0.00E+00 | 0.00E+00 | 0.93 | 8.26 | 0.23 | 0.08 | 28.29 | | | |
| 294 | Equestrian Centre | 680030.8 | 4867320.2 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 8.42 | 0.00E+00 | 0.00E+00 | 0.05 | 17.01 | 0.00E+00 | 0.10 | 0.03 | 4.59 | 0.00E+00 | 0.00E+00 | 0.55 | 4.86 | 0.14 | 0.05 | 16.65 | | | |
| 295 | Courtice Community Complex | 678099.3 | 4864629.8 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 8.85 | 0.00E+00 | 0.00E+00 | 0.06 | 17.89 | 0.00E+00 | 0.11 | 0.03 | 4.83 | 0.00E+00 | 0.00E+00 | 0.58 | 5.11 | 0.15 | 0.05 | 17.50 | | | |
| 296 | Former Restaurant | 679830.2 | 4860702.2 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.12 | 0.00E+00 | 0.00E+00 | 21.29 | 0.00E+00 | 0.00E+00 | 0.14 | 43.04 | 0.00E+00 | 0.25 | 0.07 | 11.61 | 0.00E+00 | 0.00E+00 | 1.39 | 12.29 | 0.35 | 0.12 | 42.12 | | | |
| 297 | Commercial | 679364.8 | 4861016.0 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.17 | 0.00E+00 | 0.00E+00 | 28.51 | 0.00E+00 | 0.00E+00 | 0.19 | 57.63 | 0.00E+00 | 0.34 | 0.10 | 15.55 | 0.00E+00 | 0.00E+00 | 1.86 | 16.46 | 0.47 | 0.16 | 56.39 | | | |
| 298 | GM Oshawa Headquarters | 676418.3 | 4860463.7 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.12 | 0.00E+00 | 0.00E+00 | 19.70 | 0.00E+00 | 0.00E+00 | 0.13 | 39.83 | 0.00E+00 | 0.23 | 0.07 | 10.75 | 0.00E+00 | 0.00E+00 | 1.28 | 11.38 | 0.32 | 0.11 | 38.97 | | | |
| 299 | Farm A? | 682972.3 | 4862201.9 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.16 | 0.00E+00 | 0.00E+00 | 27.86 | 0.00E+00 | 0.00E+00 | 0.18 | 56.32 | 0.00E+00 | 0.33 | 0.10 | 15.20 | 0.00E+00 | 0.00E+00 | 1.81 | 16.09 | 0.46 | 0.16 | 55.11 | | | |
| 300 | Farm B? | 683546.9 | 4861959.7 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 24.95 | 0.00E+00 | 0.00E+00 | 0.16 | 50.43 | 0.00E+00 | 0.30 | 0.09 | 13.61 | 0.00E+00 | 0.00E+00 | 1.62 | 14.40 | 0.41 | 0.14 | 49.35 | | | |
| 301 | Farm C? | 682547.5 | 4862321.1 | | | 0.00E+00 | 0.00E+00 | 0.13 | 0.20 | 0.00E+00 | 0.00E+00 | 34.84 | 0.00E+00 | 0.00E+00 | 0.23 | 70.44 | 0.00E+00 | 0.41 | 0.12 | 19.01 | 0.00E+00 | 0.00E+00 | 2.27 | 20.12 | 0.57 | 0.20 | 68.92 | | | |
| 302 | Farm D? | 683238.3 | 4862393.3 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 25.56 | 0.00E+00 | 0.00E+00 | 0.17 | 51.67 | 0.00E+00 | 0.30 | 0.09 | 13.94 | 0.00E+00 | 0.00E+00 | 1.66 | 14.76 | 0.42 | 0.14 | 50.56 | | | |
| 303 | Farm E? | 682512.6 | 4862858.0 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.20 | 0.00E+00 | 0.00E+00 | 33.66 | 0.00E+00 | 0.00E+00 | 0.22 | 68.04 | 0.00E+00 | 0.40 | 0.12 | 18.36 | 0.00E+00 | 0.00E+00 | 2.19 | 19.43 | 0.55 | 0.19 | 66.58 | | | |
| 304 | Farm F? | 683129.1 | 4863649.4 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.15 | 0.00E+00 | 0.00E+00 | 26.27 | 0.00E+00 | 0.00E+00 | 0.17 | 53.10 | 0.00E+00 | 0.31 | 0.09 | 14.33 | 0.00E+00 | 0.00E+00 | 1.71 | 15.17 | 0.43 | 0.15 | 51.96 | | | |
| 305 | Bennett 1 | 688209.3 | 4862512.1 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 13.70 | 0.00E+00 | 0.00E+00 | 0.09 | 27.70 | 0.00E+00 | 0.16 | 0.05 | 7.47 | 0.00E+00 | 0.00E+00 | 0.89 | 7.91 | 0.22 | 0.08 | 27.10 | | | |
| 306 | Bennett 2 | 687990.0 | 4863221.3 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.07 | 0.00E+00 | 0.00E+00 | 11.93 | 0.00E+00 | 0.00E+00 | 0.08 | 24.12 | 0.00E+00 | 0.14 | 0.04 | 6.51 | 0.00E+00 | 0.00E+00 | 0.78 | 6.89 | 0.20 | 0.07 | 23.61 | | | |
| 307 | Bennett 3 | 688818.4 | 4862836.3 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.07 | 0.00E+00 | 0.00E+00 | 11.59 | 0.00E+00 | 0.00E+00 | 0.08 | 23.43 | 0.00E+00 | 0.14 | 0.04 | 6.32 | 0.00E+00 | 0.00E+00 | 0.75 | 6.69 | 0.19 | 0.07 | 22.93 | | | |
| 308 | Bennett 4 | 689045.1 | 4863365.5 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.07 | 0.00E+00 | 0.00E+00 | 11.29 | 0.00E+00 | 0.00E+00 | 0.07 | 22.83 | 0.00E+00 | 0.13 | 0.04 | 6.16 | 0.00E+00 | 0.00E+00 | 0.74 | 6.52 | 0.19 | 0.06 | 22.34 | | | |
| 309 | Bennett 5 | 688270.5 | 4863763.1 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.07 | 0.00E+00 | 0.00E+00 | 12.40 | 0.00E+00 | 0.00E+00 | 0.08 | 25.07 | 0.00E+00 | 0.15 | 0.04 | 6.76 | 0.00E+00 | 0.00E+00 | 0.81 | 7.16 | 0.20 | 0.07 | 24.53 | | | |
| 310 | Bennett 6 | 689908.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix G-3: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Butadiene, 1,3- | Butanone, 2- | Carbon tetrachloride | Chloroform | Cumene | Dibromochloromethane | Dichlorodifluoromethane | Dichloroethane, 1,2- | Dichloroethane, trans-1,2- | Dichloroethane, 1,1- | Dichloromethane | Dichloropropane, 1,2- | Ethylbenzene | Ethylene Dibromide | Formaldehyde | Mesitylene | Styrene | Tetrachloroethene | Toluene | Trichloroethane, 1,1,1- | Trichloroethene | Trichlorofluoromethane | | | | | |
|----------|------------------|----------|-----------|--|----------------------------------|-----------------|--------------|----------------------|------------|----------|----------------------|-------------------------|----------------------|----------------------------|----------------------|-----------------|-----------------------|--------------|--------------------|--------------|------------|----------|-------------------|---------|-------------------------|-----------------|------------------------|---|---|---|---|---|
| | | | | Vapour (V)/Particulate (P) Phase | | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | Updated Facility Contaminant Emission Rate (g/s) | | (m) | (m) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 325 | Bowmanville 5 | 682452.2 | 4869417.5 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.04 | 0.00E+00 | 0.00E+00 | 7.43 | 0.00E+00 | 0.00E+00 | 0.05 | 15.03 | 0.00E+00 | 0.09 | 0.03 | 4.06 | 0.00E+00 | 0.00E+00 | 0.48 | 4.29 | 0.12 | 0.04 | 14.71 | | | | | |
| 326 | Bowmanville 6 | 684778.5 | 4864888.2 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 17.61 | 0.00E+00 | 0.00E+00 | 0.11 | 35.60 | 0.00E+00 | 0.21 | 0.06 | 9.61 | 0.00E+00 | 0.00E+00 | 1.15 | 10.17 | 0.29 | 0.10 | 34.83 | | | | | |
| 327 | Bowmanville 7 | 684549.5 | 4866404.4 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 14.44 | 0.00E+00 | 0.00E+00 | 0.09 | 29.20 | 0.00E+00 | 0.17 | 0.05 | 7.88 | 0.00E+00 | 0.00E+00 | 0.94 | 8.34 | 0.24 | 0.08 | 28.57 | | | | | |
| 328 | Upper Tooley 1 | 679944.8 | 4864883.1 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 12.81 | 0.00E+00 | 0.00E+00 | 0.08 | 25.89 | 0.00E+00 | 0.15 | 0.04 | 6.99 | 0.00E+00 | 0.00E+00 | 0.83 | 7.39 | 0.21 | 0.07 | 25.33 | | | | | |
| 329 | Upper Tooley 2 | 679055.1 | 4863885.8 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.07 | 0.00E+00 | 0.00E+00 | 11.88 | 0.00E+00 | 0.00E+00 | 0.08 | 24.02 | 0.00E+00 | 0.14 | 0.04 | 6.48 | 0.00E+00 | 0.00E+00 | 0.77 | 6.86 | 0.19 | 0.07 | 23.50 | | | | | |
| 330 | Upper Tooley 3 | 679714.0 | 4862767.4 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 17.36 | 0.00E+00 | 0.00E+00 | 0.11 | 35.10 | 0.00E+00 | 0.21 | 0.06 | 9.47 | 0.00E+00 | 0.00E+00 | 1.13 | 10.02 | 0.28 | 0.10 | 34.34 | | | | | |
| 331 | Upper Tooley 4 | 678898.8 | 4861800.6 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.14 | 0.00E+00 | 0.00E+00 | 24.23 | 0.00E+00 | 0.00E+00 | 0.16 | 48.99 | 0.00E+00 | 0.29 | 0.08 | 13.22 | 0.00E+00 | 0.00E+00 | 1.58 | 13.99 | 0.40 | 0.14 | 47.94 | | | | | |
| 332 | Upper Tooley 5 | 680353.5 | 4862156.5 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 25.50 | 0.00E+00 | 0.00E+00 | 0.17 | 51.55 | 0.00E+00 | 0.30 | 0.09 | 13.91 | 0.00E+00 | 0.00E+00 | 1.66 | 14.72 | 0.42 | 0.14 | 50.44 | | | | | |
| 333 | Upper Tooley 6 | 679818.1 | 4861625.7 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.13 | 0.00E+00 | 0.00E+00 | 21.57 | 0.00E+00 | 0.00E+00 | 0.14 | 43.61 | 0.00E+00 | 0.26 | 0.07 | 11.77 | 0.00E+00 | 0.00E+00 | 1.40 | 12.46 | 0.35 | 0.12 | 42.67 | | | | | |
| 334 | Robinson 1 | 678434.8 | 4860943.1 | | | 0.00E+00 | 0.00E+00 | 0.14 | 0.23 | 0.00E+00 | 0.00E+00 | 39.66 | 0.00E+00 | 0.00E+00 | 0.26 | 80.17 | 0.00E+00 | 0.47 | 0.14 | 21.63 | 0.00E+00 | 0.00E+00 | 2.58 | 22.90 | 0.65 | 0.22 | 78.45 | | | | | |
| 335 | Robinson 2 | 677752.6 | 4861240.6 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.17 | 0.00E+00 | 0.00E+00 | 28.37 | 0.00E+00 | 0.00E+00 | 0.18 | 57.35 | 0.00E+00 | 0.34 | 0.10 | 15.48 | 0.00E+00 | 0.00E+00 | 1.85 | 16.38 | 0.47 | 0.16 | 56.12 | | | | | |
| 336 | Robinson 3 | 677642.2 | 4861787.2 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.13 | 0.00E+00 | 0.00E+00 | 22.31 | 0.00E+00 | 0.00E+00 | 0.14 | 45.11 | 0.00E+00 | 0.27 | 0.08 | 12.17 | 0.00E+00 | 0.00E+00 | 1.45 | 12.88 | 0.37 | 0.13 | 44.14 | | | | | |
| 337 | Robinson 4 | 678532.7 | 4862143.6 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.12 | 0.00E+00 | 0.00E+00 | 20.91 | 0.00E+00 | 0.00E+00 | 0.14 | 42.27 | 0.00E+00 | 0.25 | 0.07 | 11.41 | 0.00E+00 | 0.00E+00 | 1.36 | 12.07 | 0.34 | 0.12 | 41.36 | | | | | |
| 338 | Robinson 5 | 678005.1 | 4862784.9 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.09 | 0.00E+00 | 0.00E+00 | 15.26 | 0.00E+00 | 0.00E+00 | 0.10 | 30.85 | 0.00E+00 | 0.18 | 0.05 | 8.33 | 0.00E+00 | 0.00E+00 | 0.99 | 8.81 | 0.25 | 0.09 | 30.19 | | | | | |
| 339 | Robinson 6 | 677882.7 | 4860587.7 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.20 | 0.00E+00 | 0.00E+00 | 33.67 | 0.00E+00 | 0.00E+00 | 0.22 | 68.07 | 0.00E+00 | 0.40 | 0.12 | 18.37 | 0.00E+00 | 0.00E+00 | 2.19 | 19.44 | 0.55 | 0.19 | 66.60 | | | | | |
| 340 | F/B 1 | 677443.1 | 4867862.1 | | | 0.00E+00 | 0.00E+00 | 0.02 | 0.04 | 0.00E+00 | 0.00E+00 | 6.39 | 0.00E+00 | 0.00E+00 | 0.04 | 12.91 | 0.00E+00 | 0.08 | 0.02 | 3.48 | 0.00E+00 | 0.00E+00 | 0.42 | 3.69 | 0.10 | 0.04 | 12.63 | | | | | |
| 341 | F/B 2 | 679667.4 | 4866611.4 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.06 | 0.00E+00 | 0.00E+00 | 9.42 | 0.00E+00 | 0.00E+00 | 0.06 | 19.04 | 0.00E+00 | 0.11 | 0.03 | 5.14 | 0.00E+00 | 0.00E+00 | 0.61 | 5.44 | 0.15 | 0.05 | 18.63 | | | | | |
| 342 | F/B 3 | 678655.0 | 4867470.1 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 8.19 | 0.00E+00 | 0.00E+00 | 0.05 | 16.56 | 0.00E+00 | 0.10 | 0.03 | 4.47 | 0.00E+00 | 0.00E+00 | 0.53 | 4.73 | 0.13 | 0.05 | 16.21 | | | | | |
| 343 | F/B 4 | 676191.2 | 4866844.7 | | | 0.00E+00 | 0.00E+00 | 0.02 | 0.04 | 0.00E+00 | 0.00E+00 | 6.79 | 0.00E+00 | 0.00E+00 | 0.04 | 13.72 | 0.00E+00 | 0.08 | 0.02 | 3.70 | 0.00E+00 | 0.00E+00 | 0.44 | 3.92 | 0.11 | 0.04 | 13.42 | | | | | |
| 344 | F/B 5 | 678273.3 | 4866093.0 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 8.10 | 0.00E+00 | 0.00E+00 | 0.05 | 16.38 | 0.00E+00 | 0.10 | 0.03 | 4.42 | 0.00E+00 | 0.00E+00 | 0.53 | 4.68 | 0.13 | 0.05 | 16.02 | | | | | |
| 345 | F/B 6 | 681241.2 | 4867098.8 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.06 | 0.00E+00 | 0.00E+00 | 9.74 | 0.00E+00 | 0.00E+00 | 0.06 | 19.69 | 0.00E+00 | 0.12 | 0.03 | 5.31 | 0.00E+00 | 0.00E+00 | 0.63 | 5.62 | 0.16 | 0.05 | 19.26 | | | | | |
| 346 | F/B 7 | 682165.3 | 4868082.3 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 8.54 | 0.00E+00 | 0.00E+00 | 0.06 | 17.26 | 0.00E+00 | 0.10 | 0.03 | 4.66 | 0.00E+00 | 0.00E+00 | 0.56 | 4.93 | 0.14 | 0.05 | 16.89 | | | | | |
| 347 | F/B 8 | 679366.6 | 4868628.3 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.04 | 0.00E+00 | 0.00E+00 | 7.35 | 0.00E+00 | 0.00E+00 | 0.05 | 14.85 | 0.00E+00 | 0.09 | 0.03 | 4.01 | 0.00E+00 | 0.00E+00 | 0.48 | 4.24 | 0.12 | 0.04 | 14.53 | | | | | |
| 348 | F/B 9 | 680310.1 | 4869967.1 | | | 0.00E+00 | 0.00E+00 | 0.02 | 0.04 | 0.00E+00 | 0.00E+00 | 6.33 | 0.00E+00 | 0.00E+00 | 0.04 | 12.80 | 0.00E+00 | 0.08 | 0.02 | 3.45 | 0.00E+00 | 0.00E+00 | 0.41 | 3.66 | 0.10 | 0.04 | 12.53 | | | | | |
| 349 | F/B 10 | 676487.3 | 4869291.6 | | | 0.00E+00 | 0.00E+00 | 0.02 | 0.04 | 0.00E+00 | 0.00E+00 | 6.63 | 0.00E+00 | 0.00E+00 | 0.04 | 13.41 | 0.00E+00 | 0.08 | 0.02 | 3.62 | 0.00E+00 | 0.00E+00 | 0.43 | 3.83 | 0.11 | 0.04 | 13.12 | | | | | |
| 350 | F/B 11 | 676851.4 | 4865409.3 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 8.08 | 0.00E+00 | 0.00E+00 | 0.05 | 16.34 | 0.00E+00 | 0.10 | 0.03 | 4.41 | 0.00E+00 | 0.00E+00 | 0.53 | 4.67 | 0.13 | 0.05 | 15.98 | | | | | |
| 351 | F/B 12 | 681153.3 | 4868682.2 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 7.79 | 0.00E+00 | 0.00E+00 | 0.05 | 15.76 | 0.00E+00 | 0.09 | 0.03 | 4.25 | 0.00E+00 | 0.00E+00 | 0.51 | 4.50 | 0.13 | 0.04 | 15.42 | | | | | |
| 352 | F/B 13 | 675416.3 | 4859833.9 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 13.69 | 0.00E+00 | 0.00E+00 | 0.09 | 27.68 | 0.00E+00 | 0.16 | 0.05 | 7.47 | 0.00E+00 | 0.00E+00 | 0.89 | 7.91 | 0.22 | 0.08 | 27.09 | | | | | |
| 353 | Second 1 | 675153.4 | 4860552.8 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 13.51 | 0.00E+00 | 0.00E+00 | 0.09 | 27.31 | 0.00E+00 | 0.16 | 0.05 | 7.37 | 0.00E+00 | 0.00E+00 | 0.88 | 7.80 | 0.22 | 0.08 | 26.72 | | | | | |
| 354 | Second 2 | 675297.5 | 4860891.3 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 14.45 | 0.00E+00 | 0.00E+00 | 0.09 | 29.21 | 0.00E+00 | 0.17 | 0.05 | 7.88 | 0.00E+00 | 0.00E+00 | 0.94 | 8.34 | 0.24 | 0.08 | 28.58 | | | | | |
| 355 | Second 3 | 675647.2 | 4860644.9 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.09 | 0.00E+00 | 0.00E+00 | 15.46 | 0.00E+00 | 0.00E+00 | 0.10 | 31.25 | 0.00E+00 | 0.18 | 0.05 | 8.43 | 0.00E+00 | 0.00E+00 | 1.01 | 8.93 | 0.25 | 0.09 | 30.58 | | | | | |
| 356 | Second 4 | 675670.5 | 4860076.5 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 13.97 | 0.00E+00 | 0.00E+00 | 0.09 | 28.25 | 0.00E+00 | 0.17 | 0.05 | 7.62 | 0.00E+00 | 0.00E+00 | 0.91 | 8.07 | 0.23 | 0.08 | 27.64 | | | | | |
| 357 | Second 5 | 676043.3 | 4860319.1 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 16.42 | 0.00E+00 | 0.00E+00 | 0.11 | 33.20 | 0.00E+00 | 0.20 | 0.06 | 8.96 | 0.00E+00 | 0.00E+00 | 1.07 | 9.48 | 0.27 | 0.09 | 32.48 | | | | | |
| 358 | Second 6 | 675923.4 | 4859821.4 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.09 | 0.00E+00 | 0.00E+00 | 15.53 | 0.00E+00 | 0.00E+00 | 0.10 | 31.40 | 0.00E+00 | 0.18 | 0.05 | 8.47 | 0.00E+00 | 0.00E+00 | 1.01 | 8.97 | 0.25 | 0.09 | 30.73 | | | | | |
| 359 | McLaughlin Bay 1 | 676714.7 | 4860903.8 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.14 | 0.00E+00 | 0.00E+00 | 23.78 | 0.00E+00 | 0.00E+00 | 0.15 | 48.07 | 0.00E+00 | 0.28 | 0.08 | 12.97 | 0.00E+00 | 0.00E+00 | 1.55 | 13.73 | 0.39 | 0.13 | 47.03 | | | | | |
| 360 | McLaughlin Bay 2 | 677310.8 | 4860528.2 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.16 | 0.00E+00 | 0.00E+00 | 27.28 | 0.00E+00 | 0.00E+00 | 0.18 | 55.16 | 0.00E+00 | 0.32 | 0.09 | 14.88 | 0.00E+00 | 0.00E+00 | 1.78 | 15.75 | 0.45 | 0.15 | 53.97 | | | | | |
| 361 | McLaughlin Bay 3 | 676563.5 | 4860260.1 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.11 | 0.00E+00 | 0.00E+00 | 18.67 | 0.00E+00 | 0.00E+00 | 0.12 | 37.73 | 0.00E+00 | 0.22 | 0.06 | 10.18 | 0.00E+00 | 0.00E+00 | 1.22 | 10.78 | 0.31 | 0.11 | 36.92 | | | | | |
| 362 | McLaughlin Bay 4 | 676699.5 | 4859696.6 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.11 | 0.00E+00 | 0.00E+00 | 18.96 | 0.00E+00 | 0.00E+00 | 0.12 | 38.32 | 0.00E+00 | 0.23 | 0.06 | 10.34 | 0.00E+00 | 0.00E+00 | 1.23 | 10.94 | 0.31 | 0.11 | 37.50 | | | | | |
| 363 | McLaughlin Bay 5 | 677560.0 | 4860060.1 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.12 | 0.00E+00 | 0.00E+00 | 20.29 | 0.00E+00 | 0.00E+00 | 0.13 | 41.01 | 0.00E+00 | 0.24 | 0.07 | 11.07 | 0.00E+00 | 0.00E+00 | 1.32 | 11.71 | 0.33 | 0.11 | 40.13 | | | | | |
| 364 | McLaughlin Bay 6 | 678204.5 | 4859 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix G-3: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Butadiene, 1,3 - | Butanone, 2 - | Carbon tetrachloride | Chloroform | Cumene | Dibromochloromethane | Dichlorodifluoromethane | Dichloroethane, 1,2 - | Dichloroethane, trans - 1,2 - | Dichloroethene, 1,1 - | Dichloromethane | Dichloropropane, 1,2 - | Ethylbenzene | Ethylene Dibromide | Formaldehyde | Mesitylene | Styrene | Tetrachloroethene | Toluene | Trichloroethane, 1,1,1 - | Trichloroethene | Trichlorofluoromethane | | | | |
|----------|-------------------|----------|-----------|--|----------------------------------|------------------|---------------|----------------------|------------|----------|----------------------|-------------------------|-----------------------|-------------------------------|-----------------------|-----------------|------------------------|--------------|--------------------|--------------|------------|----------|-------------------|---------|--------------------------|-----------------|------------------------|---|---|---|---|
| | | | | Vapour (V)/Particulate (P) Phase | | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | Updated Facility Contaminant Emission Rate (g/s) | | (m) | (m) | | | | | | | | | | | | | | | | | | | | | | | | |
| 379 | Darlington 5 | 683223.2 | 4861114.0 | | | 0.00E+00 | 0.00E+00 | 0.13 | 0.21 | 0.00E+00 | 0.00E+00 | 36.05 | 0.00E+00 | 0.00E+00 | 0.23 | 72.87 | 0.00E+00 | 0.43 | 0.12 | 19.66 | 0.00E+00 | 0.00E+00 | 2.35 | 20.81 | 0.59 | 0.20 | 71.30 | | | | |
| 380 | Darlington 6 | 683947.7 | 4862362.0 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.14 | 0.00E+00 | 0.00E+00 | 23.97 | 0.00E+00 | 0.00E+00 | 0.16 | 48.45 | 0.00E+00 | 0.29 | 0.08 | 13.07 | 0.00E+00 | 0.00E+00 | 1.56 | 13.84 | 0.39 | 0.14 | 47.41 | | | | |
| 381 | Darlington 7 | 685361.9 | 4861143.4 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.13 | 0.00E+00 | 0.00E+00 | 21.52 | 0.00E+00 | 0.00E+00 | 0.14 | 43.51 | 0.00E+00 | 0.26 | 0.07 | 11.74 | 0.00E+00 | 0.00E+00 | 1.40 | 12.43 | 0.35 | 0.12 | 42.58 | | | | |
| 382 | Bennett ECO/HH | 688606.4 | 4862634.8 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.07 | 0.00E+00 | 0.00E+00 | 12.50 | 0.00E+00 | 0.00E+00 | 0.08 | 25.28 | 0.00E+00 | 0.15 | 0.04 | 6.82 | 0.00E+00 | 0.00E+00 | 0.81 | 7.22 | 0.20 | 0.07 | 24.73 | | | | |
| 383 | Oshawa ECO/HH | 673884.9 | 4859128.9 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.06 | 0.00E+00 | 0.00E+00 | 10.86 | 0.00E+00 | 0.00E+00 | 0.07 | 21.96 | 0.00E+00 | 0.13 | 0.04 | 5.93 | 0.00E+00 | 0.00E+00 | 0.71 | 6.27 | 0.18 | 0.06 | 21.49 | | | | |
| 384 | Oshawa Creek 1 | 671671.2 | 4862793.7 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.06 | 0.00E+00 | 0.00E+00 | 9.63 | 0.00E+00 | 0.00E+00 | 0.06 | 19.46 | 0.00E+00 | 0.11 | 0.03 | 5.25 | 0.00E+00 | 0.00E+00 | 0.63 | 5.56 | 0.16 | 0.05 | 19.05 | | | | |
| 385 | Oshawa Creek 2 | 671668.5 | 4861589.5 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 7.73 | 0.00E+00 | 0.00E+00 | 0.05 | 15.62 | 0.00E+00 | 0.09 | 0.03 | 4.21 | 0.00E+00 | 0.00E+00 | 0.50 | 4.46 | 0.13 | 0.04 | 15.28 | | | | |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 8.65 | 0.00E+00 | 0.00E+00 | 0.06 | 17.48 | 0.00E+00 | 0.10 | 0.03 | 4.72 | 0.00E+00 | 0.00E+00 | 0.56 | 4.99 | 0.14 | 0.05 | 17.11 | | | | |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.04 | 0.00E+00 | 0.00E+00 | 7.48 | 0.00E+00 | 0.00E+00 | 0.05 | 15.13 | 0.00E+00 | 0.09 | 0.03 | 4.08 | 0.00E+00 | 0.00E+00 | 0.49 | 4.32 | 0.12 | 0.04 | 14.80 | | | | |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | | 0.00E+00 | 0.00E+00 | 0.03 | 0.05 | 0.00E+00 | 0.00E+00 | 9.00 | 0.00E+00 | 0.00E+00 | 0.06 | 18.19 | 0.00E+00 | 0.11 | 0.03 | 4.91 | 0.00E+00 | 0.00E+00 | 0.59 | 5.19 | 0.15 | 0.05 | 17.79 | | | | |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.06 | 0.00E+00 | 0.00E+00 | 9.86 | 0.00E+00 | 0.00E+00 | 0.06 | 19.93 | 0.00E+00 | 0.12 | 0.03 | 5.38 | 0.00E+00 | 0.00E+00 | 0.64 | 5.69 | 0.16 | 0.06 | 19.50 | | | | |
| 390 | Farmer | 677409.8 | 4861051.4 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.18 | 0.00E+00 | 0.00E+00 | 30.77 | 0.00E+00 | 0.00E+00 | 0.20 | 62.21 | 0.00E+00 | 0.37 | 0.11 | 16.79 | 0.00E+00 | 0.00E+00 | 2.00 | 17.77 | 0.50 | 0.17 | 60.88 | | | | |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.07 | 0.00E+00 | 0.00E+00 | 12.62 | 0.00E+00 | 0.00E+00 | 0.08 | 25.52 | 0.00E+00 | 0.15 | 0.04 | 6.89 | 0.00E+00 | 0.00E+00 | 0.82 | 7.29 | 0.21 | 0.07 | 24.97 | | | | |

Appendix G-3: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Trichlorotrifluoroethane | Vinyl chloride | Xylenes, m-, p- and o- | Phthalates | DEHP | PCL5 |
|----------|----------------------------|----------|-----------|--|----------------------------------|--------------------------|----------------|------------------------|------------|----------|----------|
| | | | | Vapour (V)/Particulate (P) Phase | | V | V | V | | P | |
| | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | | | 5.10E-03 | 0.07 | | | |
| 1 | Campground 10 | 678526.8 | 4859996.8 | | | 0.00E+00 | 10.47 | 145.04 | | 0.00E+00 | 0.00E+00 |
| 2 | ECO 2 | 675490.4 | 4860360.1 | | | 0.00E+00 | 7.28 | 100.85 | | 0.00E+00 | 0.00E+00 |
| 3 | Recreational 5 | 681642.0 | 4860349.3 | | | 0.00E+00 | 13.60 | 188.39 | | 0.00E+00 | 0.00E+00 |
| 4 | ECO 4 | 676831.5 | 4859840.9 | | | 0.00E+00 | 8.86 | 122.72 | | 0.00E+00 | 0.00E+00 |
| 5 | Bow. Valley Cons. 3 | 685767.2 | 4863879.0 | | | 0.00E+00 | 7.84 | 108.62 | | 0.00E+00 | 0.00E+00 |
| 6 | ECO 6 | 679647.8 | 4859989.3 | | | 0.00E+00 | 5.70 | 79.02 | | 0.00E+00 | 0.00E+00 |
| 7 | ECO 7 | 681578.8 | 4862070.1 | | | 0.00E+00 | 20.83 | 288.47 | | 0.00E+00 | 0.00E+00 |
| 8 | ECO 8 | 679735.5 | 4861048.6 | | | 0.00E+00 | 14.06 | 194.75 | | 0.00E+00 | 0.00E+00 |
| 9 | ECO 9 | 687219.7 | 4864249.3 | | | 0.00E+00 | 6.60 | 91.46 | | 0.00E+00 | 0.00E+00 |
| 10 | ECO 10 | 686519.0 | 4861987.6 | | | 0.00E+00 | 8.72 | 120.81 | | 0.00E+00 | 0.00E+00 |
| 11 | ECO 11 | 679870.4 | 4859737.9 | | | 0.00E+00 | 3.63 | 50.30 | | 0.00E+00 | 0.00E+00 |
| 12 | Recreational 4 | 681575.5 | 4860557.7 | | | 0.00E+00 | 12.60 | 174.46 | | 0.00E+00 | 0.00E+00 |
| 13 | Future Industrial 9 | 680704.5 | 4859857.8 | | | 0.00E+00 | 8.21 | 113.70 | | 0.00E+00 | 0.00E+00 |
| 14 | Future Industrial 10 | 680608.0 | 4860719.6 | | | 0.00E+00 | 7.72 | 106.88 | | 0.00E+00 | 0.00E+00 |
| 15 | Harmony Creek | 673992.4 | 4865641.4 | | | 0.00E+00 | 3.57 | 49.46 | | 0.00E+00 | 0.00E+00 |
| 16 | Farewell Creek | 678079.2 | 4868822.7 | | | 0.00E+00 | 3.39 | 46.89 | | 0.00E+00 | 0.00E+00 |
| 17 | Farmer | 681378.6 | 4860335.0 | | | 0.00E+00 | 11.82 | 163.66 | | 0.00E+00 | 0.00E+00 |
| 18 | Watson Farm | 682883.4 | 4864219.7 | | | 0.00E+00 | 12.24 | 169.49 | | 0.00E+00 | 0.00E+00 |
| 19 | Racanski Farm | 678929.2 | 4865530.2 | | | 0.00E+00 | 5.09 | 70.56 | | 0.00E+00 | 0.00E+00 |
| 20 | Zoo | 687216.8 | 4864835.3 | | | 0.00E+00 | 6.28 | 87.04 | | 0.00E+00 | 0.00E+00 |
| 21 | Cedar Crest Beach | 686652.1 | 4861660.9 | | | 0.00E+00 | 10.52 | 145.75 | | 0.00E+00 | 0.00E+00 |
| 22 | Darlington Prov Park Beach | 677844.6 | 4859718.2 | | | 0.00E+00 | 7.83 | 108.44 | | 0.00E+00 | 0.00E+00 |
| 23 | OPG 1 | 682258.1 | 4860045.0 | | | 0.00E+00 | 13.35 | 184.98 | | 0.00E+00 | 0.00E+00 |
| 24 | OPG 2 | 682551.4 | 4859889.1 | | | 0.00E+00 | 14.15 | 196.03 | | 0.00E+00 | 0.00E+00 |
| 25 | OPG 3 | 682824.6 | 4859759.3 | | | 0.00E+00 | 15.02 | 208.02 | | 0.00E+00 | 0.00E+00 |
| 26 | OPG 4 | 683021.6 | 4859937.3 | | | 0.00E+00 | 15.97 | 221.22 | | 0.00E+00 | 0.00E+00 |
| 27 | OPG 5 | 683318.2 | 4859677.8 | | | 0.00E+00 | 13.79 | 191.01 | | 0.00E+00 | 0.00E+00 |
| 28 | OPG 6 | 683306.9 | 4860023.0 | | | 0.00E+00 | 16.02 | 221.96 | | 0.00E+00 | 0.00E+00 |
| 29 | OPG 7 | 683718.6 | 4859915.8 | | | 0.00E+00 | 14.58 | 201.90 | | 0.00E+00 | 0.00E+00 |
| 30 | OPG 8 | 682702.0 | 4859998.6 | | | 0.00E+00 | 14.97 | 207.28 | | 0.00E+00 | 0.00E+00 |
| 31 | OPG 9 | 684347.7 | 4861184.6 | | | 0.00E+00 | 12.59 | 174.37 | | 0.00E+00 | 0.00E+00 |
| 32 | OPG 10 | 682157.2 | 4861228.2 | | | 0.00E+00 | 15.00 | 207.80 | | 0.00E+00 | 0.00E+00 |
| 33 | St. Mary's 1 | 684557.0 | 4861070.0 | | | 0.00E+00 | 13.27 | 183.78 | | 0.00E+00 | 0.00E+00 |
| 34 | St. Mary's 2 | 684657.3 | 4861320.8 | | | 0.00E+00 | 11.56 | 160.09 | | 0.00E+00 | 0.00E+00 |
| 35 | St. Mary's 3 | 684905.3 | 4861154.4 | | | 0.00E+00 | 11.63 | 161.06 | | 0.00E+00 | 0.00E+00 |
| 36 | Court. Subdivision 1 | 677328.4 | 4862976.1 | | | 0.00E+00 | 6.90 | 95.59 | | 0.00E+00 | 0.00E+00 |
| 37 | Court. Subdivision 2 | 676187.9 | 4862611.1 | | | 0.00E+00 | 7.75 | 107.34 | | 0.00E+00 | 0.00E+00 |
| 38 | Court. Subdivision 3 | 675974.8 | 4863484.1 | | | 0.00E+00 | 5.41 | 74.87 | | 0.00E+00 | 0.00E+00 |
| 39 | Court. Subdivision 4 | 676606.1 | 4863214.1 | | | 0.00E+00 | 5.84 | 80.86 | | 0.00E+00 | 0.00E+00 |
| 40 | Court. Subdivision 5 | 676827.1 | 4863591.4 | | | 0.00E+00 | 5.51 | 76.34 | | 0.00E+00 | 0.00E+00 |
| 41 | Court. Subdivision 6 | 677200.4 | 4864074.9 | | | 0.00E+00 | 4.81 | 66.66 | | 0.00E+00 | 0.00E+00 |
| 42 | Court. Subdivision 7 | 677719.8 | 4863625.1 | | | 0.00E+00 | 5.59 | 77.44 | | 0.00E+00 | 0.00E+00 |
| 43 | Court. Subdivision 8 | 678271.6 | 4864200.6 | | | 0.00E+00 | 4.96 | 68.75 | | 0.00E+00 | 0.00E+00 |
| 44 | Court. Subdivision 9 | 678184.4 | 4863373.6 | | | 0.00E+00 | 6.33 | 87.73 | | 0.00E+00 | 0.00E+00 |
| 45 | Court. Subdivision 10 | 677179.7 | 4862499.5 | | | 0.00E+00 | 8.33 | 115.45 | | 0.00E+00 | 0.00E+00 |
| 46 | Bow. Subdivision 1 | 683536.7 | 4864215.2 | | | 0.00E+00 | 11.23 | 155.50 | | 0.00E+00 | 0.00E+00 |
| 47 | Bow. Subdivision 2 | 683770.0 | 4863915.1 | | | 0.00E+00 | 10.95 | 151.63 | | 0.00E+00 | 0.00E+00 |
| 48 | Bow. Subdivision 3 | 683671.0 | 4863534.1 | | | 0.00E+00 | 12.09 | 167.42 | | 0.00E+00 | 0.00E+00 |
| 49 | Bow. Subdivision 4 | 684501.9 | 4863847.4 | | | 0.00E+00 | 10.23 | 141.66 | | 0.00E+00 | 0.00E+00 |
| 50 | Bow. Subdivision 5 | 684242.9 | 4863518.8 | | | 0.00E+00 | 10.37 | 143.63 | | 0.00E+00 | 0.00E+00 |
| 51 | Bow. Subdivision 6 | 684271.4 | 4863201.5 | | | 0.00E+00 | 10.59 | 146.66 | | 0.00E+00 | 0.00E+00 |
| 52 | Bow. Subdivision 7 | 683992.6 | 4862628.1 | | | 0.00E+00 | 11.64 | 161.25 | | 0.00E+00 | 0.00E+00 |
| 53 | Bow. Subdivision 8 | 684608.2 | 4862956.8 | | | 0.00E+00 | 10.33 | 143.10 | | 0.00E+00 | 0.00E+00 |
| 54 | Bow. Subdivision 9 | 684777.3 | 4863330.5 | | | 0.00E+00 | 9.74 | 134.95 | | 0.00E+00 | 0.00E+00 |



Appendix G-3: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Trichlorotrifluoroethane | Vinyl chloride | Xylenes, m-, p- and o- | Phthalates | DEHP | PCL5 |
|----------|--------------------------|----------|-----------|--|----------------------------------|--------------------------|----------------|------------------------|------------|----------|----------|
| | | | | Vapour (V)/Particulate (P) Phase | | V | V | V | | P | |
| | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | | | 5.10E-03 | 0.07 | | | |
| 55 | Bow. Subdivision 10 | 685266.0 | 4863243.1 | | | 0.00E+00 | 9.35 | 129.46 | | 0.00E+00 | 0.00E+00 |
| 56 | Osh/Court Subdivision 1 | 677396.8 | 4860977.3 | | | 0.00E+00 | 15.51 | 214.76 | | 0.00E+00 | 0.00E+00 |
| 57 | Osh/Court Subdivision 2 | 676633.5 | 4860816.8 | | | 0.00E+00 | 11.19 | 154.93 | | 0.00E+00 | 0.00E+00 |
| 58 | Osh/Court Subdivision 3 | 676916.0 | 4861925.0 | | | 0.00E+00 | 9.64 | 133.53 | | 0.00E+00 | 0.00E+00 |
| 59 | Osh/Court Subdivision 4 | 676730.5 | 4861317.1 | | | 0.00E+00 | 12.72 | 176.24 | | 0.00E+00 | 0.00E+00 |
| 60 | Osh/Court Subdivision 5 | 676087.2 | 4861392.3 | | | 0.00E+00 | 10.49 | 145.25 | | 0.00E+00 | 0.00E+00 |
| 61 | Osh/Court Subdivision 6 | 676177.1 | 4861722.2 | | | 0.00E+00 | 9.84 | 136.24 | | 0.00E+00 | 0.00E+00 |
| 62 | Osh/Court Subdivision 7 | 675670.7 | 4861783.2 | | | 0.00E+00 | 8.82 | 122.20 | | 0.00E+00 | 0.00E+00 |
| 63 | Osh/Court Subdivision 8 | 676050.8 | 4862055.7 | | | 0.00E+00 | 8.87 | 122.90 | | 0.00E+00 | 0.00E+00 |
| 64 | Osh/Court Subdivision 9 | 676636.9 | 4862134.3 | | | 0.00E+00 | 8.82 | 122.23 | | 0.00E+00 | 0.00E+00 |
| 65 | Osh/Court Subdivision 10 | 676571.3 | 4861634.8 | | | 0.00E+00 | 10.53 | 145.86 | | 0.00E+00 | 0.00E+00 |
| 66 | Bow. Subdivision 11 | 684649.2 | 4863182.7 | | | 0.00E+00 | 10.16 | 140.69 | | 0.00E+00 | 0.00E+00 |
| 67 | Daycare B | 685172.4 | 4863933.1 | | | 0.00E+00 | 8.14 | 112.78 | | 0.00E+00 | 0.00E+00 |
| 68 | Daycare C | 685452.0 | 4863104.4 | | | 0.00E+00 | 9.00 | 124.65 | | 0.00E+00 | 0.00E+00 |
| 69 | Daycare D | 685527.7 | 4864693.3 | | | 0.00E+00 | 8.30 | 114.92 | | 0.00E+00 | 0.00E+00 |
| 70 | Daycare E | 685735.4 | 4864790.8 | | | 0.00E+00 | 7.98 | 110.58 | | 0.00E+00 | 0.00E+00 |
| 71 | Daycare F | 685520.3 | 4864854.3 | | | 0.00E+00 | 8.30 | 115.03 | | 0.00E+00 | 0.00E+00 |
| 72 | Daycare G | 685441.9 | 4864878.0 | | | 0.00E+00 | 8.39 | 116.15 | | 0.00E+00 | 0.00E+00 |
| 73 | Daycare H | 686364.8 | 4864707.8 | | | 0.00E+00 | 6.96 | 96.34 | | 0.00E+00 | 0.00E+00 |
| 74 | Daycare I | 685721.6 | 4865127.3 | | | 0.00E+00 | 7.92 | 109.64 | | 0.00E+00 | 0.00E+00 |
| 75 | Daycare J | 678256.3 | 4863565.4 | | | 0.00E+00 | 6.16 | 85.26 | | 0.00E+00 | 0.00E+00 |
| 76 | Daycare K | 677694.1 | 4864043.7 | | | 0.00E+00 | 5.15 | 71.32 | | 0.00E+00 | 0.00E+00 |
| 77 | Daycare L | 676479.5 | 4862526.2 | | | 0.00E+00 | 8.15 | 112.85 | | 0.00E+00 | 0.00E+00 |
| 78 | Daycare M | 678320.9 | 4864763.5 | | | 0.00E+00 | 4.52 | 62.58 | | 0.00E+00 | 0.00E+00 |
| 79 | Daycare N | 678513.4 | 4865058.0 | | | 0.00E+00 | 4.34 | 60.10 | | 0.00E+00 | 0.00E+00 |
| 80 | Daycare O | 672788.7 | 4863936.6 | | | 0.00E+00 | 3.99 | 55.25 | | 0.00E+00 | 0.00E+00 |
| 81 | Daycare P | 673952.8 | 4863592.5 | | | 0.00E+00 | 4.56 | 63.23 | | 0.00E+00 | 0.00E+00 |
| 82 | Daycare Q | 671751.8 | 4864887.7 | | | 0.00E+00 | 3.35 | 46.34 | | 0.00E+00 | 0.00E+00 |
| 83 | Daycare R | 685714.4 | 4864667.4 | | | 0.00E+00 | 8.06 | 111.60 | | 0.00E+00 | 0.00E+00 |
| 84 | Daycare S | 684177.9 | 4863618.2 | | | 0.00E+00 | 10.77 | 149.13 | | 0.00E+00 | 0.00E+00 |
| 85 | Daycare T | 678423.6 | 4864480.4 | | | 0.00E+00 | 4.96 | 68.73 | | 0.00E+00 | 0.00E+00 |
| 86 | Daycare U | 685330.5 | 4863435.1 | | | 0.00E+00 | 8.93 | 123.66 | | 0.00E+00 | 0.00E+00 |
| 87 | Daycare V | 685153.2 | 4863236.9 | | | 0.00E+00 | 9.50 | 131.59 | | 0.00E+00 | 0.00E+00 |
| 88 | Daycare W | 672679.0 | 4862044.9 | | | 0.00E+00 | 5.13 | 71.08 | | 0.00E+00 | 0.00E+00 |
| 89 | Daycare X | 672076.5 | 4865285.8 | | | 0.00E+00 | 3.46 | 47.99 | | 0.00E+00 | 0.00E+00 |
| 90 | Daycare Y | 672638.0 | 4859664.4 | | | 0.00E+00 | 4.24 | 58.72 | | 0.00E+00 | 0.00E+00 |
| 91 | Daycare Z | 673735.9 | 4858958.0 | | | 0.00E+00 | 4.96 | 68.63 | | 0.00E+00 | 0.00E+00 |
| 92 | Daycare AA | 673121.8 | 4863385.9 | | | 0.00E+00 | 4.39 | 60.83 | | 0.00E+00 | 0.00E+00 |
| 93 | Daycare BB | 673904.8 | 4862282.2 | | | 0.00E+00 | 6.36 | 88.15 | | 0.00E+00 | 0.00E+00 |
| 94 | Daycare CC | 671471.6 | 4861795.3 | | | 0.00E+00 | 3.93 | 54.41 | | 0.00E+00 | 0.00E+00 |
| 95 | Daycare DD | 673057.3 | 4862625.6 | | | 0.00E+00 | 5.48 | 75.84 | | 0.00E+00 | 0.00E+00 |
| 96 | Daycare EE | 674917.1 | 4863957.2 | | | 0.00E+00 | 4.86 | 67.36 | | 0.00E+00 | 0.00E+00 |
| 97 | Daycare FF | 671356.6 | 4862954.4 | | | 0.00E+00 | 4.73 | 65.47 | | 0.00E+00 | 0.00E+00 |
| 98 | Daycare GG | 671675.5 | 4862705.8 | | | 0.00E+00 | 4.82 | 66.76 | | 0.00E+00 | 0.00E+00 |
| 99 | Daycare HH | 671604.8 | 4860138.1 | | | 0.00E+00 | 3.65 | 50.50 | | 0.00E+00 | 0.00E+00 |
| 100 | Daycare II | 670945.2 | 4857983.8 | | | 0.00E+00 | 2.92 | 40.41 | | 0.00E+00 | 0.00E+00 |
| 101 | Daycare JJ | 677514.6 | 4864744.1 | | | 0.00E+00 | 4.43 | 61.34 | | 0.00E+00 | 0.00E+00 |
| 102 | Daycare KK | 676519.9 | 4862680.1 | | | 0.00E+00 | 7.68 | 106.42 | | 0.00E+00 | 0.00E+00 |
| 103 | Daycare LL | 677660.6 | 4863601.3 | | | 0.00E+00 | 5.57 | 77.16 | | 0.00E+00 | 0.00E+00 |
| 104 | Court. Subdivision 11 | 677665.8 | 4863406.6 | | | 0.00E+00 | 6.03 | 83.52 | | 0.00E+00 | 0.00E+00 |
| 105 | Daycare NN | 674866.3 | 4864667.2 | | | 0.00E+00 | 4.37 | 60.54 | | 0.00E+00 | 0.00E+00 |
| 106 | Daycare OO | 673201.0 | 4864746.4 | | | 0.00E+00 | 3.83 | 53.04 | | 0.00E+00 | 0.00E+00 |
| 107 | Daycare PP | 674794.5 | 4864915.4 | | | 0.00E+00 | 4.14 | 57.39 | | 0.00E+00 | 0.00E+00 |
| 108 | Hospital | 686324.2 | 4864395.8 | | | 0.00E+00 | 7.04 | 97.52 | | 0.00E+00 | 0.00E+00 |



Appendix G-3: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Trichlorotrifluoroethane | Vinyl chloride | Xylenes, m-, p- and o- | Phthalates | DEHP | PCL5 |
|----------|------------------------|----------|-----------|--|----------------------------------|--------------------------|----------------|------------------------|------------|----------|----------|
| | | | | Vapour (V)/Particulate (P) Phase | | V | V | V | | P | |
| | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | | | 5.10E-03 | 0.07 | | | |
| 109 | Hospital (Children s) | 676057.8 | 4862180.9 | | | 0.00E+00 | 8.89 | 123.08 | | 0.00E+00 | 0.00E+00 |
| 110 | Hospital | 671233.2 | 4863615.9 | | | 0.00E+00 | 4.43 | 61.30 | | 0.00E+00 | 0.00E+00 |
| 111 | Comm. Resp. Services | 676045.4 | 4863902.5 | | | 0.00E+00 | 4.93 | 68.30 | | 0.00E+00 | 0.00E+00 |
| 112 | Hospital | 671712.7 | 4862364.1 | | | 0.00E+00 | 4.66 | 64.50 | | 0.00E+00 | 0.00E+00 |
| 113 | Retirement Residence A | 684199.9 | 4864120.3 | | | 0.00E+00 | 10.40 | 144.11 | | 0.00E+00 | 0.00E+00 |
| 114 | Retirement Residence B | 685483.9 | 4865150.9 | | | 0.00E+00 | 8.15 | 112.83 | | 0.00E+00 | 0.00E+00 |
| 115 | Retirement Residence C | 686844.0 | 4864732.1 | | | 0.00E+00 | 6.63 | 91.80 | | 0.00E+00 | 0.00E+00 |
| 116 | Retirement Residence D | 673481.7 | 4863343.4 | | | 0.00E+00 | 4.52 | 62.54 | | 0.00E+00 | 0.00E+00 |
| 117 | Retirement Residence E | 671825.2 | 4864399.0 | | | 0.00E+00 | 3.52 | 48.81 | | 0.00E+00 | 0.00E+00 |
| 118 | Retirement Residence F | 671606.3 | 4864536.0 | | | 0.00E+00 | 3.45 | 47.85 | | 0.00E+00 | 0.00E+00 |
| 119 | Retirement Residence G | 671357.1 | 4862958.7 | | | 0.00E+00 | 4.73 | 65.47 | | 0.00E+00 | 0.00E+00 |
| 120 | Retirement Residence H | 671514.0 | 4862262.9 | | | 0.00E+00 | 4.49 | 62.19 | | 0.00E+00 | 0.00E+00 |
| 121 | Retirement Residence I | 672602.2 | 4863075.9 | | | 0.00E+00 | 4.96 | 68.67 | | 0.00E+00 | 0.00E+00 |
| 122 | Retirement Residence J | 671719.1 | 4862893.1 | | | 0.00E+00 | 4.85 | 67.15 | | 0.00E+00 | 0.00E+00 |
| 123 | Retirement Residence K | 686718.0 | 4865648.7 | | | 0.00E+00 | 6.72 | 93.02 | | 0.00E+00 | 0.00E+00 |
| 124 | Retirement Residence L | 676168.7 | 4865669.9 | | | 0.00E+00 | 3.64 | 50.45 | | 0.00E+00 | 0.00E+00 |
| 125 | Retirement Residence M | 676118.5 | 4863980.7 | | | 0.00E+00 | 4.84 | 66.99 | | 0.00E+00 | 0.00E+00 |
| 126 | Bow. Subdivision 12 | 684649.2 | 4863182.7 | | | 0.00E+00 | 10.16 | 140.69 | | 0.00E+00 | 0.00E+00 |
| 127 | Primary School B | 685384.8 | 4863575.3 | | | 0.00E+00 | 8.62 | 119.36 | | 0.00E+00 | 0.00E+00 |
| 128 | Primary School C | 685021.6 | 4863952.9 | | | 0.00E+00 | 8.58 | 118.87 | | 0.00E+00 | 0.00E+00 |
| 129 | Primary School D | 686237.0 | 4864085.5 | | | 0.00E+00 | 7.46 | 103.37 | | 0.00E+00 | 0.00E+00 |
| 130 | Primary School E | 686719.0 | 4863734.7 | | | 0.00E+00 | 7.30 | 101.12 | | 0.00E+00 | 0.00E+00 |
| 131 | Primary School F | 686357.0 | 4864754.9 | | | 0.00E+00 | 6.95 | 96.21 | | 0.00E+00 | 0.00E+00 |
| 132 | Primary School G | 685502.0 | 4865013.4 | | | 0.00E+00 | 8.25 | 114.22 | | 0.00E+00 | 0.00E+00 |
| 133 | Primary School H | 686726.7 | 4866061.5 | | | 0.00E+00 | 6.65 | 92.14 | | 0.00E+00 | 0.00E+00 |
| 134 | Primary School I | 685186.2 | 4866568.2 | | | 0.00E+00 | 6.95 | 96.31 | | 0.00E+00 | 0.00E+00 |
| 135 | Primary School J | 685965.3 | 4866979.0 | | | 0.00E+00 | 6.52 | 90.24 | | 0.00E+00 | 0.00E+00 |
| 136 | Primary School K | 677709.9 | 4864726.5 | | | 0.00E+00 | 4.48 | 62.06 | | 0.00E+00 | 0.00E+00 |
| 137 | Primary School L | 675988.3 | 4864270.2 | | | 0.00E+00 | 4.59 | 63.53 | | 0.00E+00 | 0.00E+00 |
| 138 | Primary School M | 676608.7 | 4862739.0 | | | 0.00E+00 | 7.46 | 103.32 | | 0.00E+00 | 0.00E+00 |
| 139 | Primary School N | 677222.2 | 4863759.1 | | | 0.00E+00 | 5.37 | 74.35 | | 0.00E+00 | 0.00E+00 |
| 140 | Primary School O | 678154.9 | 4863872.7 | | | 0.00E+00 | 5.55 | 76.84 | | 0.00E+00 | 0.00E+00 |
| 141 | Court. Subdivision 12 | 678309.6 | 4863600.8 | | | 0.00E+00 | 6.08 | 84.26 | | 0.00E+00 | 0.00E+00 |
| 142 | Primary School Q | 677010.6 | 4862470.6 | | | 0.00E+00 | 8.37 | 115.91 | | 0.00E+00 | 0.00E+00 |
| 143 | Primary School R | 677431.3 | 4866694.7 | | | 0.00E+00 | 3.75 | 51.95 | | 0.00E+00 | 0.00E+00 |
| 144 | Primary School S | 675266.2 | 4863562.9 | | | 0.00E+00 | 5.31 | 73.52 | | 0.00E+00 | 0.00E+00 |
| 145 | Primary School T | 673479.2 | 4860029.4 | | | 0.00E+00 | 4.16 | 57.59 | | 0.00E+00 | 0.00E+00 |
| 146 | Primary School U | 670856.0 | 4860710.6 | | | 0.00E+00 | 3.71 | 51.32 | | 0.00E+00 | 0.00E+00 |
| 147 | Primary School V | 672660.2 | 4863909.2 | | | 0.00E+00 | 4.00 | 55.34 | | 0.00E+00 | 0.00E+00 |
| 148 | Primary School W | 672735.2 | 4859232.9 | | | 0.00E+00 | 4.63 | 64.14 | | 0.00E+00 | 0.00E+00 |
| 149 | Primary School X | 673575.8 | 4862688.6 | | | 0.00E+00 | 5.59 | 77.39 | | 0.00E+00 | 0.00E+00 |
| 150 | Primary School Y | 673710.3 | 4861969.0 | | | 0.00E+00 | 5.99 | 82.98 | | 0.00E+00 | 0.00E+00 |
| 151 | Primary School Z | 672366.0 | 4859928.1 | | | 0.00E+00 | 3.80 | 52.68 | | 0.00E+00 | 0.00E+00 |
| 152 | Primary School AA | 672561.7 | 4866047.1 | | | 0.00E+00 | 3.61 | 49.94 | | 0.00E+00 | 0.00E+00 |
| 153 | Primary School BB | 675095.1 | 4862930.4 | | | 0.00E+00 | 5.95 | 82.36 | | 0.00E+00 | 0.00E+00 |
| 154 | Primary School CC | 673242.6 | 4865197.9 | | | 0.00E+00 | 3.86 | 53.51 | | 0.00E+00 | 0.00E+00 |
| 155 | Primary School DD | 674164.9 | 4863031.3 | | | 0.00E+00 | 5.05 | 70.01 | | 0.00E+00 | 0.00E+00 |
| 156 | Primary School EE | 671905.6 | 4864697.8 | | | 0.00E+00 | 3.42 | 47.43 | | 0.00E+00 | 0.00E+00 |
| 157 | Primary School FF | 673294.9 | 4858774.5 | | | 0.00E+00 | 4.23 | 58.57 | | 0.00E+00 | 0.00E+00 |
| 158 | Primary School GG | 671659.7 | 4863120.0 | | | 0.00E+00 | 4.82 | 66.73 | | 0.00E+00 | 0.00E+00 |
| 159 | Primary School HH | 673853.4 | 4866711.0 | | | 0.00E+00 | 3.32 | 45.98 | | 0.00E+00 | 0.00E+00 |
| 160 | Primary School II | 672616.7 | 4862114.9 | | | 0.00E+00 | 5.18 | 71.81 | | 0.00E+00 | 0.00E+00 |
| 161 | Primary School JJ | 673567.2 | 4861899.5 | | | 0.00E+00 | 5.76 | 79.71 | | 0.00E+00 | 0.00E+00 |
| 162 | Primary School KK | 671791.0 | 4861954.2 | | | 0.00E+00 | 4.42 | 61.18 | | 0.00E+00 | 0.00E+00 |

Appendix G-3: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Trichlorotrifluoroethane | Vinyl chloride | Xylenes, m-, p- and o- | Phthalates | DEHP | PCL5 |
|----------|---------------------|----------|-----------|--|----------------------------------|--------------------------|----------------|------------------------|------------|----------|----------|
| | | | | Vapour (V)/Particulate (P) Phase | | V | V | V | | P | |
| | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | | | 5.10E-03 | 0.07 | | | |
| 163 | Primary School LL | 673762.3 | 4864210.6 | | | 0.00E+00 | 4.15 | 57.52 | | 0.00E+00 | 0.00E+00 |
| 164 | Primary School MM | 672238.8 | 4864621.3 | | | 0.00E+00 | 3.52 | 48.71 | | 0.00E+00 | 0.00E+00 |
| 165 | Primary School NN | 673213.6 | 4858677.0 | | | 0.00E+00 | 4.01 | 55.48 | | 0.00E+00 | 0.00E+00 |
| 166 | Primary School OO | 675474.8 | 4863221.7 | | | 0.00E+00 | 6.05 | 83.76 | | 0.00E+00 | 0.00E+00 |
| 167 | Primary School PP | 672441.8 | 4858748.6 | | | 0.00E+00 | 3.88 | 53.77 | | 0.00E+00 | 0.00E+00 |
| 168 | Primary School QQ | 672796.8 | 4864438.2 | | | 0.00E+00 | 3.68 | 51.03 | | 0.00E+00 | 0.00E+00 |
| 169 | Primary School RR | 671351.4 | 4863284.0 | | | 0.00E+00 | 4.65 | 64.45 | | 0.00E+00 | 0.00E+00 |
| 170 | Primary School SS | 673213.9 | 4862125.5 | | | 0.00E+00 | 5.59 | 77.41 | | 0.00E+00 | 0.00E+00 |
| 171 | Primary School TT | 671017.9 | 4860953.7 | | | 0.00E+00 | 3.68 | 50.97 | | 0.00E+00 | 0.00E+00 |
| 172 | Primary School UU | 670991.0 | 4861089.8 | | | 0.00E+00 | 3.62 | 50.14 | | 0.00E+00 | 0.00E+00 |
| 173 | Primary School VV | 674150.1 | 4862294.8 | | | 0.00E+00 | 6.57 | 91.02 | | 0.00E+00 | 0.00E+00 |
| 174 | Primary School WW | 672005.2 | 4861707.9 | | | 0.00E+00 | 4.31 | 59.69 | | 0.00E+00 | 0.00E+00 |
| 175 | Primary School XX | 684172.1 | 4863615.6 | | | 0.00E+00 | 10.79 | 149.51 | | 0.00E+00 | 0.00E+00 |
| 176 | Primary School YY | 683923.3 | 4866636.4 | | | 0.00E+00 | 7.58 | 105.02 | | 0.00E+00 | 0.00E+00 |
| 177 | Primary School ZZ | 680446.0 | 4865770.5 | | | 0.00E+00 | 5.81 | 80.47 | | 0.00E+00 | 0.00E+00 |
| 178 | Vacant School | 685612.9 | 4864520.0 | | | 0.00E+00 | 7.97 | 110.40 | | 0.00E+00 | 0.00E+00 |
| 179 | Secondary School A | 686291.4 | 4865064.3 | | | 0.00E+00 | 7.00 | 96.98 | | 0.00E+00 | 0.00E+00 |
| 180 | Secondary School B | 683875.0 | 4864741.7 | | | 0.00E+00 | 10.02 | 138.75 | | 0.00E+00 | 0.00E+00 |
| 181 | Secondary School C | 684650.3 | 4866460.3 | | | 0.00E+00 | 7.17 | 99.25 | | 0.00E+00 | 0.00E+00 |
| 182 | Secondary School D | 678099.5 | 4864838.2 | | | 0.00E+00 | 4.35 | 60.23 | | 0.00E+00 | 0.00E+00 |
| 183 | Secondary School E | 678467.0 | 4863431.2 | | | 0.00E+00 | 6.14 | 85.04 | | 0.00E+00 | 0.00E+00 |
| 184 | Secondary School F | 674144.9 | 4862762.7 | | | 0.00E+00 | 5.46 | 75.56 | | 0.00E+00 | 0.00E+00 |
| 185 | Secondary School G | 673816.0 | 4864357.1 | | | 0.00E+00 | 4.15 | 57.50 | | 0.00E+00 | 0.00E+00 |
| 186 | Secondary School H | 673145.4 | 4858569.0 | | | 0.00E+00 | 3.84 | 53.16 | | 0.00E+00 | 0.00E+00 |
| 187 | Secondary School I | 671291.7 | 4863581.3 | | | 0.00E+00 | 4.50 | 62.37 | | 0.00E+00 | 0.00E+00 |
| 188 | Secondary School J | 671443.2 | 4861664.9 | | | 0.00E+00 | 3.80 | 52.58 | | 0.00E+00 | 0.00E+00 |
| 189 | Secondary School K | 673235.3 | 4860885.0 | | | 0.00E+00 | 4.34 | 60.07 | | 0.00E+00 | 0.00E+00 |
| 190 | Secondary School L | 684252.7 | 4866500.5 | | | 0.00E+00 | 7.51 | 104.07 | | 0.00E+00 | 0.00E+00 |
| 191 | Secondary School M | 673914.1 | 4859551.7 | | | 0.00E+00 | 5.49 | 76.04 | | 0.00E+00 | 0.00E+00 |
| 192 | Secondary School N | 675051.5 | 4864177.2 | | | 0.00E+00 | 4.76 | 65.92 | | 0.00E+00 | 0.00E+00 |
| 193 | Adult School | 685276.1 | 4866019.8 | | | 0.00E+00 | 7.06 | 97.77 | | 0.00E+00 | 0.00E+00 |
| 194 | Bow. Valley Cons. 1 | 685356.6 | 4864521.2 | | | 0.00E+00 | 8.16 | 113.09 | | 0.00E+00 | 0.00E+00 |
| 195 | Bow. Valley Cons. 2 | 685627.7 | 4864167.8 | | | 0.00E+00 | 7.47 | 103.40 | | 0.00E+00 | 0.00E+00 |
| 196 | Bow. Valley Cons. 4 | 685852.7 | 4863640.2 | | | 0.00E+00 | 8.07 | 111.73 | | 0.00E+00 | 0.00E+00 |
| 197 | Bow. Valley Cons. 5 | 686163.1 | 4863621.5 | | | 0.00E+00 | 7.84 | 108.54 | | 0.00E+00 | 0.00E+00 |
| 198 | Bow. Valley Cons. 6 | 685931.9 | 4863380.6 | | | 0.00E+00 | 8.15 | 112.94 | | 0.00E+00 | 0.00E+00 |
| 199 | Maple Grove 1 | 681688.5 | 4864717.0 | | | 0.00E+00 | 7.56 | 104.66 | | 0.00E+00 | 0.00E+00 |
| 200 | Maple Grove 2 | 681768.9 | 4864631.8 | | | 0.00E+00 | 7.76 | 107.52 | | 0.00E+00 | 0.00E+00 |
| 201 | Maple Grove 3 | 681894.9 | 4864506.8 | | | 0.00E+00 | 7.82 | 108.32 | | 0.00E+00 | 0.00E+00 |
| 202 | Maple Grove 4 | 681974.8 | 4864443.2 | | | 0.00E+00 | 8.28 | 114.67 | | 0.00E+00 | 0.00E+00 |
| 203 | Maple Grove 5 | 681942.2 | 4864676.7 | | | 0.00E+00 | 7.52 | 104.18 | | 0.00E+00 | 0.00E+00 |
| 204 | Maple Grove 6 | 682053.2 | 4864586.2 | | | 0.00E+00 | 8.08 | 111.90 | | 0.00E+00 | 0.00E+00 |
| 205 | Maple Grove 7 | 682168.5 | 4864631.3 | | | 0.00E+00 | 8.34 | 115.46 | | 0.00E+00 | 0.00E+00 |
| 206 | Maple Grove 8 | 682261.7 | 4864520.9 | | | 0.00E+00 | 9.10 | 126.04 | | 0.00E+00 | 0.00E+00 |
| 207 | Maple Grove 9 | 682382.1 | 4864589.4 | | | 0.00E+00 | 9.33 | 129.16 | | 0.00E+00 | 0.00E+00 |
| 208 | Maple Grove 10 | 682459.8 | 4864499.2 | | | 0.00E+00 | 10.15 | 140.64 | | 0.00E+00 | 0.00E+00 |
| 209 | Port Darlington 1 | 686227.8 | 4861159.0 | | | 0.00E+00 | 11.07 | 153.31 | | 0.00E+00 | 0.00E+00 |
| 210 | Port Darlington 2 | 686184.8 | 4861252.0 | | | 0.00E+00 | 10.90 | 151.02 | | 0.00E+00 | 0.00E+00 |
| 211 | Port Darlington 3 | 686151.2 | 4861286.8 | | | 0.00E+00 | 10.65 | 147.53 | | 0.00E+00 | 0.00E+00 |
| 212 | Port Darlington 4 | 686351.1 | 4861341.6 | | | 0.00E+00 | 10.85 | 150.25 | | 0.00E+00 | 0.00E+00 |
| 213 | Port Darlington 5 | 686406.8 | 4861448.7 | | | 0.00E+00 | 10.79 | 149.51 | | 0.00E+00 | 0.00E+00 |
| 214 | Port Darlington 6 | 686504.5 | 4861604.0 | | | 0.00E+00 | 10.62 | 147.06 | | 0.00E+00 | 0.00E+00 |
| 215 | Port Darlington 7 | 686703.0 | 4861789.3 | | | 0.00E+00 | 9.90 | 137.12 | | 0.00E+00 | 0.00E+00 |
| 216 | Port Darlington 8 | 686895.8 | 4861960.2 | | | 0.00E+00 | 9.02 | 124.98 | | 0.00E+00 | 0.00E+00 |



Appendix G-3: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Trichlorotrifluoroethane | Vinyl chloride | Xylenes, m-, p- and o- | Phthalates | DEHP | PCL5 |
|----------|---------------------|----------|-----------|--|----------------------------------|--------------------------|----------------|------------------------|------------|----------|----------|
| | | | | Vapour (V)/Particulate (P) Phase | | V | V | V | | P | |
| | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | | 5.10E-03 | 0.07 | | | | |
| 217 | Port Darlington 9 | 686867.4 | 4862119.7 | | | 0.00E+00 | 8.27 | 114.61 | | 0.00E+00 | 0.00E+00 |
| 218 | Port Darlington 10 | 687190.7 | 4862048.8 | | | 0.00E+00 | 8.28 | 114.69 | | 0.00E+00 | 0.00E+00 |
| 219 | Port Darlington 11 | 687524.4 | 4862126.8 | | | 0.00E+00 | 8.00 | 110.75 | | 0.00E+00 | 0.00E+00 |
| 220 | Campground 1 | 678646.3 | 4860337.7 | | | 0.00E+00 | 18.27 | 253.11 | | 0.00E+00 | 0.00E+00 |
| 221 | Campground 2 | 678410.2 | 4860148.6 | | | 0.00E+00 | 13.11 | 181.62 | | 0.00E+00 | 0.00E+00 |
| 222 | Campground 3 | 678651.0 | 4860054.4 | | | 0.00E+00 | 11.69 | 161.87 | | 0.00E+00 | 0.00E+00 |
| 223 | Campground 4 | 678725.9 | 4859860.7 | | | 0.00E+00 | 10.65 | 147.54 | | 0.00E+00 | 0.00E+00 |
| 224 | Campground 5 | 678511.1 | 4859808.6 | | | 0.00E+00 | 9.58 | 132.63 | | 0.00E+00 | 0.00E+00 |
| 225 | Campground 6 | 678869.5 | 4859696.0 | | | 0.00E+00 | 8.79 | 121.81 | | 0.00E+00 | 0.00E+00 |
| 226 | Campground 7 | 678723.9 | 4860201.8 | | | 0.00E+00 | 15.05 | 208.40 | | 0.00E+00 | 0.00E+00 |
| 227 | Campground 8 | 678796.0 | 4860011.4 | | | 0.00E+00 | 11.24 | 155.71 | | 0.00E+00 | 0.00E+00 |
| 228 | Campground 9 | 678852.7 | 4859854.2 | | | 0.00E+00 | 10.73 | 148.68 | | 0.00E+00 | 0.00E+00 |
| 229 | Solina 1 | 681099.6 | 4861677.2 | | | 0.00E+00 | 15.76 | 218.22 | | 0.00E+00 | 0.00E+00 |
| 230 | Solina 2 | 681115.7 | 4861857.7 | | | 0.00E+00 | 15.94 | 220.81 | | 0.00E+00 | 0.00E+00 |
| 231 | Solina 3 | 680987.4 | 4861983.5 | | | 0.00E+00 | 13.05 | 180.73 | | 0.00E+00 | 0.00E+00 |
| 232 | Solina 4 | 680965.0 | 4862068.1 | | | 0.00E+00 | 12.55 | 173.81 | | 0.00E+00 | 0.00E+00 |
| 233 | Solina 5 | 681021.5 | 4862086.7 | | | 0.00E+00 | 13.06 | 180.93 | | 0.00E+00 | 0.00E+00 |
| 234 | Solina 6 | 680939.8 | 4862124.3 | | | 0.00E+00 | 12.18 | 168.65 | | 0.00E+00 | 0.00E+00 |
| 235 | Solina 7 | 680988.2 | 4862183.6 | | | 0.00E+00 | 12.48 | 172.79 | | 0.00E+00 | 0.00E+00 |
| 236 | Solina 8 | 680984.6 | 4862209.8 | | | 0.00E+00 | 12.34 | 170.87 | | 0.00E+00 | 0.00E+00 |
| 237 | Solina 9 | 680958.6 | 4862294.9 | | | 0.00E+00 | 11.97 | 165.80 | | 0.00E+00 | 0.00E+00 |
| 238 | Solina 10 | 680858.0 | 4862324.3 | | | 0.00E+00 | 11.48 | 159.02 | | 0.00E+00 | 0.00E+00 |
| 239 | Solina 11 | 680990.3 | 4862403.5 | | | 0.00E+00 | 12.03 | 166.60 | | 0.00E+00 | 0.00E+00 |
| 240 | Recreational 1 | 681545.0 | 4860865.0 | | | 0.00E+00 | 12.74 | 176.46 | | 0.00E+00 | 0.00E+00 |
| 241 | Recreational 2 | 681563.7 | 4860687.4 | | | 0.00E+00 | 12.12 | 167.85 | | 0.00E+00 | 0.00E+00 |
| 242 | Recreational 3 | 681579.7 | 4860610.0 | | | 0.00E+00 | 12.33 | 170.84 | | 0.00E+00 | 0.00E+00 |
| 243 | Recreational 6 | 681876.6 | 4860254.4 | | | 0.00E+00 | 14.23 | 197.15 | | 0.00E+00 | 0.00E+00 |
| 244 | Recreational 7 | 682166.9 | 4860324.4 | | | 0.00E+00 | 15.32 | 212.21 | | 0.00E+00 | 0.00E+00 |
| 245 | Darlington 1 | 679565.4 | 4861052.9 | | | 0.00E+00 | 14.16 | 196.07 | | 0.00E+00 | 0.00E+00 |
| 246 | Darlington 2 | 679452.9 | 4861051.4 | | | 0.00E+00 | 14.42 | 199.70 | | 0.00E+00 | 0.00E+00 |
| 247 | Darlington 3 | 679130.5 | 4860948.8 | | | 0.00E+00 | 16.62 | 230.20 | | 0.00E+00 | 0.00E+00 |
| 248 | Darlington 4 | 679112.6 | 4860941.9 | | | 0.00E+00 | 16.76 | 232.17 | | 0.00E+00 | 0.00E+00 |
| 249 | Darlington 5 | 679057.6 | 4860994.1 | | | 0.00E+00 | 16.97 | 235.09 | | 0.00E+00 | 0.00E+00 |
| 250 | Darlington 6 | 679075.2 | 4860931.6 | | | 0.00E+00 | 16.95 | 234.80 | | 0.00E+00 | 0.00E+00 |
| 251 | Darlington 7 | 678814.3 | 4860843.1 | | | 0.00E+00 | 20.39 | 282.44 | | 0.00E+00 | 0.00E+00 |
| 252 | Darlington 8 | 678840.4 | 4860777.1 | | | 0.00E+00 | 20.68 | 286.50 | | 0.00E+00 | 0.00E+00 |
| 253 | Light Ind. 1 | 680000.1 | 4861034.1 | | | 0.00E+00 | 11.75 | 162.76 | | 0.00E+00 | 0.00E+00 |
| 254 | Light Ind. 2 | 680060.7 | 4861056.4 | | | 0.00E+00 | 11.55 | 160.04 | | 0.00E+00 | 0.00E+00 |
| 255 | Light Ind. 3 | 680291.2 | 4861151.6 | | | 0.00E+00 | 10.68 | 147.89 | | 0.00E+00 | 0.00E+00 |
| 256 | Light Ind. 4 | 680536.3 | 4861204.6 | | | 0.00E+00 | 10.74 | 148.80 | | 0.00E+00 | 0.00E+00 |
| 257 | Light Ind. 5 | 680350.4 | 4861290.6 | | | 0.00E+00 | 10.74 | 148.70 | | 0.00E+00 | 0.00E+00 |
| 258 | Light Ind. 6 | 680306.9 | 4861275.6 | | | 0.00E+00 | 10.85 | 150.25 | | 0.00E+00 | 0.00E+00 |
| 259 | Light Ind. 7 | 680267.2 | 4861262.4 | | | 0.00E+00 | 10.99 | 152.16 | | 0.00E+00 | 0.00E+00 |
| 260 | Light Ind. 8 | 680233.6 | 4861250.7 | | | 0.00E+00 | 11.14 | 154.29 | | 0.00E+00 | 0.00E+00 |
| 261 | Light Ind. 9 | 680175.3 | 4861227.5 | | | 0.00E+00 | 11.36 | 157.38 | | 0.00E+00 | 0.00E+00 |
| 262 | Light Ind. 10 | 680092.5 | 4861185.1 | | | 0.00E+00 | 11.68 | 161.77 | | 0.00E+00 | 0.00E+00 |
| 263 | Light Ind. 11 | 680071.6 | 4861246.6 | | | 0.00E+00 | 11.75 | 162.76 | | 0.00E+00 | 0.00E+00 |
| 264 | Light Ind. 12 | 680021.4 | 4861186.9 | | | 0.00E+00 | 11.86 | 164.32 | | 0.00E+00 | 0.00E+00 |
| 265 | Future Industrial 7 | 680816.2 | 4860219.3 | | | 0.00E+00 | 6.00 | 83.12 | | 0.00E+00 | 0.00E+00 |
| 266 | Future Industrial 8 | 680398.0 | 4860731.8 | | | 0.00E+00 | 7.26 | 100.62 | | 0.00E+00 | 0.00E+00 |
| 267 | Future Industrial 1 | 680359.6 | 4859959.2 | | | 0.00E+00 | 4.07 | 56.35 | | 0.00E+00 | 0.00E+00 |
| 268 | Future Industrial 2 | 680083.7 | 4859985.7 | | | 0.00E+00 | 4.01 | 55.48 | | 0.00E+00 | 0.00E+00 |
| 269 | Future Industrial 3 | 680819.9 | 4860705.3 | | | 0.00E+00 | 7.98 | 110.47 | | 0.00E+00 | 0.00E+00 |
| 270 | Future Industrial 4 | 681070.0 | 4859937.2 | | | 0.00E+00 | 14.61 | 202.42 | | 0.00E+00 | 0.00E+00 |

Appendix G-3: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Trichlororotrifluoroethane | Vinyl chloride | Xylenes, m-, p- and o- | Phthalates | DEHP | PCL5 |
|----------|----------------------------|----------|-----------|--|----------------------------------|----------------------------|----------------|------------------------|------------|----------|----------|
| | | | | Vapour (V)/Particulate (P) Phase | | V | V | V | | P | |
| | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | | | 5.10E-03 | 0.07 | | | |
| 271 | Future Industrial 5 | 679898.8 | 4860067.4 | | | 0.00E+00 | 4.61 | 63.80 | | 0.00E+00 | 0.00E+00 |
| 272 | Future Industrial 6 | 680134.8 | 4860694.1 | | | 0.00E+00 | 7.87 | 109.00 | | 0.00E+00 | 0.00E+00 |
| 273 | Future Industrial 11 | 680253.7 | 4860255.2 | | | 0.00E+00 | 4.87 | 67.39 | | 0.00E+00 | 0.00E+00 |
| 274 | Future Industrial 12 | 679901.2 | 4860511.8 | | | 0.00E+00 | 7.94 | 110.00 | | 0.00E+00 | 0.00E+00 |
| 275 | Commercial Farmer | 679867.8 | 4860445.4 | | | 0.00E+00 | 7.88 | 109.15 | | 0.00E+00 | 0.00E+00 |
| 276 | Farmer | 679277.0 | 4859981.5 | | | 0.00E+00 | 8.62 | 119.36 | | 0.00E+00 | 0.00E+00 |
| 277 | Residence | 679387.2 | 4860648.9 | | | 0.00E+00 | 16.74 | 231.89 | | 0.00E+00 | 0.00E+00 |
| 278 | Barn | 679261.9 | 4860574.2 | | | 0.00E+00 | 18.85 | 261.06 | | 0.00E+00 | 0.00E+00 |
| 279 | Residence | 680150.7 | 4861295.7 | | | 0.00E+00 | 11.47 | 158.81 | | 0.00E+00 | 0.00E+00 |
| 280 | Residence | 679939.8 | 4861213.4 | | | 0.00E+00 | 12.06 | 167.06 | | 0.00E+00 | 0.00E+00 |
| 281 | Farmer | 680855.7 | 4861456.9 | | | 0.00E+00 | 13.60 | 188.31 | | 0.00E+00 | 0.00E+00 |
| 282 | Farmer | 681386.2 | 4861673.3 | | | 0.00E+00 | 19.91 | 275.73 | | 0.00E+00 | 0.00E+00 |
| 283 | Residence | 680683.5 | 4861597.9 | | | 0.00E+00 | 11.96 | 165.63 | | 0.00E+00 | 0.00E+00 |
| 284 | Business | 680064.3 | 4861343.7 | | | 0.00E+00 | 11.73 | 162.51 | | 0.00E+00 | 0.00E+00 |
| 285 | Farmer | 679680.1 | 4861213.5 | | | 0.00E+00 | 13.74 | 190.33 | | 0.00E+00 | 0.00E+00 |
| 286 | Farmer | 681344.8 | 4861792.9 | | | 0.00E+00 | 18.98 | 262.84 | | 0.00E+00 | 0.00E+00 |
| 287 | Youth Centre | 685644.2 | 4864814.8 | | | 0.00E+00 | 8.15 | 112.83 | | 0.00E+00 | 0.00E+00 |
| 288 | Bowmanville Arena | 685462.9 | 4864615.2 | | | 0.00E+00 | 8.29 | 114.88 | | 0.00E+00 | 0.00E+00 |
| 289 | Bowmanville Rec Complex | 684160.3 | 4864604.5 | | | 0.00E+00 | 9.61 | 133.15 | | 0.00E+00 | 0.00E+00 |
| 290 | Recreation Complex | 684586.6 | 4862406.3 | | | 0.00E+00 | 9.70 | 134.29 | | 0.00E+00 | 0.00E+00 |
| 291 | Superdog Central | 681487.7 | 4865723.3 | | | 0.00E+00 | 5.82 | 80.67 | | 0.00E+00 | 0.00E+00 |
| 292 | Equestrian Centre | 681567.1 | 4863670.7 | | | 0.00E+00 | 9.66 | 133.86 | | 0.00E+00 | 0.00E+00 |
| 293 | Flea Market | 678574.6 | 4862819.4 | | | 0.00E+00 | 7.16 | 99.24 | | 0.00E+00 | 0.00E+00 |
| 294 | Equestrian Centre | 680030.8 | 4867320.2 | | | 0.00E+00 | 4.22 | 58.39 | | 0.00E+00 | 0.00E+00 |
| 295 | Courtice Community Complex | 678099.3 | 4864629.8 | | | 0.00E+00 | 4.43 | 61.39 | | 0.00E+00 | 0.00E+00 |
| 296 | Former Restaurant | 679830.2 | 4860702.2 | | | 0.00E+00 | 10.66 | 147.72 | | 0.00E+00 | 0.00E+00 |
| 297 | Commercial | 679364.8 | 4861016.0 | | | 0.00E+00 | 14.28 | 197.79 | | 0.00E+00 | 0.00E+00 |
| 298 | GM Oshawa Headquarters | 676418.3 | 4860463.7 | | | 0.00E+00 | 9.87 | 136.68 | | 0.00E+00 | 0.00E+00 |
| 299 | Farm A? | 682972.3 | 4862201.9 | | | 0.00E+00 | 13.96 | 193.30 | | 0.00E+00 | 0.00E+00 |
| 300 | Farm B? | 683546.9 | 4861959.7 | | | 0.00E+00 | 12.50 | 173.07 | | 0.00E+00 | 0.00E+00 |
| 301 | Farm C? | 682547.5 | 4862321.1 | | | 0.00E+00 | 17.45 | 241.74 | | 0.00E+00 | 0.00E+00 |
| 302 | Farm D? | 683238.3 | 4862393.3 | | | 0.00E+00 | 12.80 | 177.33 | | 0.00E+00 | 0.00E+00 |
| 303 | Farm E? | 682512.6 | 4862858.0 | | | 0.00E+00 | 16.86 | 233.53 | | 0.00E+00 | 0.00E+00 |
| 304 | Farm F? | 683129.1 | 4863649.4 | | | 0.00E+00 | 13.16 | 182.24 | | 0.00E+00 | 0.00E+00 |
| 305 | Bennett 1 | 688209.3 | 4862512.1 | | | 0.00E+00 | 6.86 | 95.06 | | 0.00E+00 | 0.00E+00 |
| 306 | Bennett 2 | 687990.0 | 4863221.3 | | | 0.00E+00 | 5.98 | 82.80 | | 0.00E+00 | 0.00E+00 |
| 307 | Bennett 3 | 688818.4 | 4862836.3 | | | 0.00E+00 | 5.81 | 80.42 | | 0.00E+00 | 0.00E+00 |
| 308 | Bennett 4 | 689045.1 | 4863365.5 | | | 0.00E+00 | 5.66 | 78.36 | | 0.00E+00 | 0.00E+00 |
| 309 | Bennett 5 | 688270.5 | 4863763.1 | | | 0.00E+00 | 6.21 | 86.02 | | 0.00E+00 | 0.00E+00 |
| 310 | Bennett 6 | 689908.5 | 4863100.5 | | | 0.00E+00 | 5.21 | 72.19 | | 0.00E+00 | 0.00E+00 |
| 311 | Bennett 7 | 688929.9 | 4864392.0 | | | 0.00E+00 | 6.60 | 91.47 | | 0.00E+00 | 0.00E+00 |
| 312 | Bennett 8 | 689684.2 | 4863837.7 | | | 0.00E+00 | 5.35 | 74.15 | | 0.00E+00 | 0.00E+00 |
| 313 | Soper 1 | 687557.9 | 4862512.4 | | | 0.00E+00 | 6.74 | 93.40 | | 0.00E+00 | 0.00E+00 |
| 314 | Soper 2 | 687241.9 | 4863171.7 | | | 0.00E+00 | 6.52 | 90.37 | | 0.00E+00 | 0.00E+00 |
| 315 | Soper 3 | 687023.2 | 4863903.8 | | | 0.00E+00 | 6.95 | 96.20 | | 0.00E+00 | 0.00E+00 |
| 316 | Soper 4 | 688158.2 | 4865389.3 | | | 0.00E+00 | 5.97 | 82.68 | | 0.00E+00 | 0.00E+00 |
| 317 | Soper 5 | 685027.3 | 4868253.9 | | | 0.00E+00 | 6.31 | 87.42 | | 0.00E+00 | 0.00E+00 |
| 318 | Soper 6 | 687287.4 | 4867037.3 | | | 0.00E+00 | 6.24 | 86.39 | | 0.00E+00 | 0.00E+00 |
| 319 | Soper 7 | 685683.2 | 4867148.1 | | | 0.00E+00 | 6.55 | 90.69 | | 0.00E+00 | 0.00E+00 |
| 320 | Soper 8 | 686748.7 | 4865874.7 | | | 0.00E+00 | 6.61 | 91.62 | | 0.00E+00 | 0.00E+00 |
| 321 | Bowmanville 1 | 687026.3 | 4862368.4 | | | 0.00E+00 | 7.02 | 97.26 | | 0.00E+00 | 0.00E+00 |
| 322 | Bowmanville 2 | 686625.7 | 4863020.3 | | | 0.00E+00 | 7.06 | 97.81 | | 0.00E+00 | 0.00E+00 |
| 323 | Bowmanville 3 | 683380.3 | 4865365.9 | | | 0.00E+00 | 9.74 | 134.95 | | 0.00E+00 | 0.00E+00 |
| 324 | Bowmanville 4 | 683111.4 | 4867150.3 | | | 0.00E+00 | 5.68 | 78.62 | | 0.00E+00 | 0.00E+00 |



Appendix G-3: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Trichlorotrifluoroethane | Vinyl chloride | Xylenes, m-, p- and o- | Phthalates | DEHP | PCL5 |
|----------|------------------|----------|-----------|--|----------------------------------|--------------------------|----------------|------------------------|------------|----------|----------|
| | | | | Vapour (V)/Particulate (P) Phase | | V | V | V | | P | |
| | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | | | 5.10E-03 | 0.07 | | | |
| 325 | Bowmanville 5 | 682452.2 | 4869417.5 | | | 0.00E+00 | 3.72 | 51.58 | | 0.00E+00 | 0.00E+00 |
| 326 | Bowmanville 6 | 684778.5 | 4864888.2 | | | 0.00E+00 | 8.82 | 122.17 | | 0.00E+00 | 0.00E+00 |
| 327 | Bowmanville 7 | 684549.5 | 4866404.4 | | | 0.00E+00 | 7.23 | 100.20 | | 0.00E+00 | 0.00E+00 |
| 328 | Upper Tooley 1 | 679944.8 | 4864883.1 | | | 0.00E+00 | 6.42 | 88.86 | | 0.00E+00 | 0.00E+00 |
| 329 | Upper Tooley 2 | 679055.1 | 4863885.8 | | | 0.00E+00 | 5.95 | 82.44 | | 0.00E+00 | 0.00E+00 |
| 330 | Upper Tooley 3 | 679714.0 | 4862767.4 | | | 0.00E+00 | 8.70 | 120.45 | | 0.00E+00 | 0.00E+00 |
| 331 | Upper Tooley 4 | 678898.8 | 4861800.6 | | | 0.00E+00 | 12.14 | 168.13 | | 0.00E+00 | 0.00E+00 |
| 332 | Upper Tooley 5 | 680353.5 | 4862156.5 | | | 0.00E+00 | 12.77 | 176.92 | | 0.00E+00 | 0.00E+00 |
| 333 | Upper Tooley 6 | 679818.1 | 4861625.7 | | | 0.00E+00 | 10.81 | 149.67 | | 0.00E+00 | 0.00E+00 |
| 334 | Robinson 1 | 678434.8 | 4860943.1 | | | 0.00E+00 | 19.87 | 275.15 | | 0.00E+00 | 0.00E+00 |
| 335 | Robinson 2 | 677752.6 | 4861240.6 | | | 0.00E+00 | 14.21 | 196.83 | | 0.00E+00 | 0.00E+00 |
| 336 | Robinson 3 | 677642.2 | 4861787.2 | | | 0.00E+00 | 11.18 | 154.80 | | 0.00E+00 | 0.00E+00 |
| 337 | Robinson 4 | 678532.7 | 4862143.6 | | | 0.00E+00 | 10.47 | 145.07 | | 0.00E+00 | 0.00E+00 |
| 338 | Robinson 5 | 678005.1 | 4862784.9 | | | 0.00E+00 | 7.64 | 105.89 | | 0.00E+00 | 0.00E+00 |
| 339 | Robinson 6 | 677882.7 | 4860587.7 | | | 0.00E+00 | 16.87 | 233.61 | | 0.00E+00 | 0.00E+00 |
| 340 | F/B 1 | 677443.1 | 4867862.1 | | | 0.00E+00 | 3.20 | 44.31 | | 0.00E+00 | 0.00E+00 |
| 341 | F/B 2 | 679667.4 | 4866611.4 | | | 0.00E+00 | 4.72 | 65.33 | | 0.00E+00 | 0.00E+00 |
| 342 | F/B 3 | 678655.0 | 4867470.1 | | | 0.00E+00 | 4.10 | 56.85 | | 0.00E+00 | 0.00E+00 |
| 343 | F/B 4 | 676191.2 | 4866844.7 | | | 0.00E+00 | 3.40 | 47.08 | | 0.00E+00 | 0.00E+00 |
| 344 | F/B 5 | 678273.3 | 4866093.0 | | | 0.00E+00 | 4.06 | 56.20 | | 0.00E+00 | 0.00E+00 |
| 345 | F/B 6 | 681241.2 | 4867098.8 | | | 0.00E+00 | 4.88 | 67.56 | | 0.00E+00 | 0.00E+00 |
| 346 | F/B 7 | 682165.3 | 4868082.3 | | | 0.00E+00 | 4.28 | 59.24 | | 0.00E+00 | 0.00E+00 |
| 347 | F/B 8 | 679366.6 | 4868628.3 | | | 0.00E+00 | 3.68 | 50.97 | | 0.00E+00 | 0.00E+00 |
| 348 | F/B 9 | 680310.1 | 4869967.1 | | | 0.00E+00 | 3.17 | 43.94 | | 0.00E+00 | 0.00E+00 |
| 349 | F/B 10 | 676487.3 | 4869291.6 | | | 0.00E+00 | 3.32 | 46.02 | | 0.00E+00 | 0.00E+00 |
| 350 | F/B 11 | 676851.4 | 4865409.3 | | | 0.00E+00 | 4.05 | 56.06 | | 0.00E+00 | 0.00E+00 |
| 351 | F/B 12 | 681153.3 | 4868682.2 | | | 0.00E+00 | 3.90 | 54.08 | | 0.00E+00 | 0.00E+00 |
| 352 | F/B 13 | 675416.3 | 4859833.9 | | | 0.00E+00 | 6.86 | 95.01 | | 0.00E+00 | 0.00E+00 |
| 353 | Second 1 | 675153.4 | 4860552.8 | | | 0.00E+00 | 6.77 | 93.73 | | 0.00E+00 | 0.00E+00 |
| 354 | Second 2 | 675297.5 | 4860891.3 | | | 0.00E+00 | 7.24 | 100.24 | | 0.00E+00 | 0.00E+00 |
| 355 | Second 3 | 675647.2 | 4860644.9 | | | 0.00E+00 | 7.74 | 107.25 | | 0.00E+00 | 0.00E+00 |
| 356 | Second 4 | 675670.5 | 4860076.5 | | | 0.00E+00 | 7.00 | 96.94 | | 0.00E+00 | 0.00E+00 |
| 357 | Second 5 | 676043.3 | 4860319.1 | | | 0.00E+00 | 8.23 | 113.93 | | 0.00E+00 | 0.00E+00 |
| 358 | Second 6 | 675923.4 | 4859821.4 | | | 0.00E+00 | 7.78 | 107.77 | | 0.00E+00 | 0.00E+00 |
| 359 | McLaughlin Bay 1 | 676714.7 | 4860903.8 | | | 0.00E+00 | 11.91 | 164.97 | | 0.00E+00 | 0.00E+00 |
| 360 | McLaughlin Bay 2 | 677310.8 | 4860528.2 | | | 0.00E+00 | 13.67 | 189.31 | | 0.00E+00 | 0.00E+00 |
| 361 | McLaughlin Bay 3 | 676563.5 | 4860260.1 | | | 0.00E+00 | 9.35 | 129.50 | | 0.00E+00 | 0.00E+00 |
| 362 | McLaughlin Bay 4 | 676699.5 | 4859696.6 | | | 0.00E+00 | 9.49 | 131.51 | | 0.00E+00 | 0.00E+00 |
| 363 | McLaughlin Bay 5 | 677560.0 | 4860060.1 | | | 0.00E+00 | 10.16 | 140.75 | | 0.00E+00 | 0.00E+00 |
| 364 | McLaughlin Bay 6 | 678204.5 | 4859832.5 | | | 0.00E+00 | 8.43 | 116.83 | | 0.00E+00 | 0.00E+00 |
| 365 | Harmony Creek 1 | 674178.3 | 4861024.2 | | | 0.00E+00 | 5.21 | 72.17 | | 0.00E+00 | 0.00E+00 |
| 366 | Harmony Creek 2 | 674592.0 | 4862605.3 | | | 0.00E+00 | 5.75 | 79.58 | | 0.00E+00 | 0.00E+00 |
| 367 | Harmony Creek 3 | 672863.4 | 4862808.0 | | | 0.00E+00 | 5.28 | 73.07 | | 0.00E+00 | 0.00E+00 |
| 368 | Harmony Creek 4 | 675671.6 | 4864469.0 | | | 0.00E+00 | 4.36 | 60.39 | | 0.00E+00 | 0.00E+00 |
| 369 | Harmony Creek 5 | 672443.1 | 4864713.0 | | | 0.00E+00 | 3.58 | 49.53 | | 0.00E+00 | 0.00E+00 |
| 370 | Harmony Creek 6 | 674830.5 | 4866909.6 | | | 0.00E+00 | 3.31 | 45.87 | | 0.00E+00 | 0.00E+00 |
| 371 | Harmony Creek 7 | 675799.9 | 4868594.1 | | | 0.00E+00 | 3.07 | 42.49 | | 0.00E+00 | 0.00E+00 |
| 372 | Westside 1 | 686082.6 | 4862776.6 | | | 0.00E+00 | 7.13 | 98.73 | | 0.00E+00 | 0.00E+00 |
| 373 | Westside 2 | 685778.7 | 4862137.9 | | | 0.00E+00 | 8.45 | 117.00 | | 0.00E+00 | 0.00E+00 |
| 374 | Westside 3 | 685084.2 | 4862827.4 | | | 0.00E+00 | 9.28 | 128.58 | | 0.00E+00 | 0.00E+00 |
| 375 | Darlington 1 | 680977.5 | 4865674.4 | | | 0.00E+00 | 6.19 | 85.73 | | 0.00E+00 | 0.00E+00 |
| 376 | Darlington 2 | 680913.9 | 4863967.1 | | | 0.00E+00 | 8.37 | 115.94 | | 0.00E+00 | 0.00E+00 |
| 377 | Darlington 3 | 682602.8 | 4863659.6 | | | 0.00E+00 | 14.29 | 197.96 | | 0.00E+00 | 0.00E+00 |
| 378 | Darlington 4 | 682206.4 | 4862910.4 | | | 0.00E+00 | 17.01 | 235.57 | | 0.00E+00 | 0.00E+00 |

Appendix G-3: Summary of The Predicted Annual Average Dry CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Trichlorotrifluoroethane | Vinyl chloride | Xylenes, m-, p- and o- | Phthalates | DEHP | PCL5 |
|----------|-------------------|----------|-----------|--|----------------------------------|--------------------------|----------------|------------------------|------------|----------|----------|
| | | | | Vapour (V)/Particulate (P) Phase | | V | V | V | | P | |
| | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | | | 5.10E-03 | 0.07 | | | |
| 379 | Darlington 5 | 683223.2 | 4861114.0 | | | 0.00E+00 | 18.06 | 250.09 | | 0.00E+00 | 0.00E+00 |
| 380 | Darlington 6 | 683947.7 | 4862362.0 | | | 0.00E+00 | 12.00 | 166.27 | | 0.00E+00 | 0.00E+00 |
| 381 | Darlington 7 | 685361.9 | 4861143.4 | | | 0.00E+00 | 10.78 | 149.33 | | 0.00E+00 | 0.00E+00 |
| 382 | Bennett ECO/HH | 688606.4 | 4862634.8 | | | 0.00E+00 | 6.26 | 86.74 | | 0.00E+00 | 0.00E+00 |
| 383 | Oshawa ECO/HH | 673884.9 | 4859128.9 | | | 0.00E+00 | 5.44 | 75.36 | | 0.00E+00 | 0.00E+00 |
| 384 | Oshawa Creek 1 | 671671.2 | 4862793.7 | | | 0.00E+00 | 4.82 | 66.80 | | 0.00E+00 | 0.00E+00 |
| 385 | Oshawa Creek 2 | 671668.5 | 4861589.5 | | | 0.00E+00 | 3.87 | 53.60 | | 0.00E+00 | 0.00E+00 |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | | 0.00E+00 | 4.33 | 60.00 | | 0.00E+00 | 0.00E+00 |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | | 0.00E+00 | 3.75 | 51.91 | | 0.00E+00 | 0.00E+00 |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | | 0.00E+00 | 4.51 | 62.41 | | 0.00E+00 | 0.00E+00 |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | | 0.00E+00 | 4.94 | 68.38 | | 0.00E+00 | 0.00E+00 |
| 390 | Farmer | 677409.8 | 4861051.4 | | | 0.00E+00 | 15.42 | 213.52 | | 0.00E+00 | 0.00E+00 |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | | 0.00E+00 | 6.32 | 87.59 | | 0.00E+00 | 0.00E+00 |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Dioxins (as TEQ Toxic Equivalents) | Polychlorinated Biphenyls (PCB) | Metals | Aluminum | Antimony | Arsenic | Barium | Beryllium | Boron | Cadmium (Cd) | Cadmium and Thallium (Cd + Th) | Chromium (hexavalent) | Total Chromium (and compounds) | Cobalt | Lead (Pb) | Nickel | Phosphorus | Silver | Selenium | Thallium | Tin | | | | | | |
|----------|----------------------------|----------|-----------|--|----------------------------------|------------------------------------|---------------------------------|--------|----------|----------|--|----------|-----------|--------|--------------|--------------------------------|-----------------------|--------------------------------|----------|-----------|--------|------------|----------|----------|----------|----------|---|---|---|---|---|---|
| | | | | | | | | | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| | | | | | | | | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | P | V | | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | | 7.02E-09 | 8.44E-06 | | 4.65E-03 | 3.20E-04 | 4.91E-05 | 2.47E-04 | 3.90E-05 | 0.02 | 8.19E-04 | 5.38E-03 | 3.74E-05 | 2.63E-04 | 6.78E-04 | 5.85E-03 | 0.01 | 5.38E-03 | 3.92E-04 | 5.61E-05 | 4.56E-03 | 2.06E-03 | | | | | | |
| 1 | Campground 10 | 678526.8 | 4859996.8 | | | 4.20E-05 | 0.05 | | 27.83 | 1.92 | 0.29 | 1.48 | 0.23 | 107.11 | 4.90 | 32.20 | 0.22 | 1.58 | 4.06 | 35.00 | 60.98 | 32.23 | 2.35 | 0.34 | 27.30 | 12.32 | | | | | | |
| 2 | ECO 2 | 675490.4 | 4860360.1 | | | 2.56E-05 | 0.03 | | 16.97 | 1.17 | 0.18 | 0.90 | 0.14 | 65.32 | 2.99 | 19.64 | 0.14 | 0.96 | 2.47 | 21.35 | 37.19 | 19.65 | 1.43 | 0.20 | 16.65 | 7.51 | | | | | | |
| 3 | Recreational 5 | 681642.0 | 4860349.3 | | | 7.21E-05 | 0.08 | | 47.79 | 3.29 | 0.50 | 2.54 | 0.40 | 183.96 | 8.42 | 55.31 | 0.38 | 2.71 | 6.97 | 60.12 | 104.74 | 55.36 | 4.03 | 0.58 | 46.89 | 21.16 | | | | | | |
| 4 | ECO 4 | 676831.5 | 4859840.9 | | | 2.61E-05 | 0.03 | | 17.29 | 1.19 | 0.18 | 0.92 | 0.14 | 66.57 | 3.05 | 20.01 | 0.14 | 0.98 | 2.52 | 21.75 | 37.90 | 20.03 | 1.46 | 0.21 | 16.97 | 7.66 | | | | | | |
| 5 | Bow. Valley Cons. 3 | 685767.2 | 4863879.0 | | | 1.89E-05 | 0.02 | | 12.50 | 0.86 | 0.13 | 0.67 | 0.10 | 48.13 | 2.20 | 14.47 | 0.10 | 0.71 | 1.82 | 15.73 | 27.40 | 14.48 | 1.05 | 0.15 | 12.27 | 5.54 | | | | | | |
| 6 | ECO 6 | 679647.8 | 4859989.3 | | | 1.46E-04 | 0.16 | | 96.93 | 6.68 | 1.02 | 5.16 | 0.81 | 373.08 | 17.07 | 112.17 | 0.78 | 5.49 | 14.13 | 121.92 | 212.42 | 112.27 | 8.17 | 1.17 | 95.10 | 42.91 | | | | | | |
| 7 | ECO 7 | 681578.8 | 4862070.1 | | | 8.09E-05 | 0.09 | | 53.58 | 3.69 | 0.57 | 2.85 | 0.45 | 206.23 | 9.44 | 62.00 | 0.43 | 3.03 | 7.81 | 67.40 | 117.42 | 62.06 | 4.52 | 0.65 | 52.57 | 23.72 | | | | | | |
| 8 | ECO 8 | 679735.5 | 4861048.6 | | | 1.33E-04 | 0.15 | | 88.21 | 6.08 | 0.93 | 4.69 | 0.74 | 339.51 | 15.53 | 102.07 | 0.71 | 4.99 | 12.86 | 110.95 | 193.30 | 102.16 | 7.44 | 1.07 | 86.54 | 39.05 | | | | | | |
| 9 | ECO 9 | 687219.7 | 4864249.3 | | | 1.36E-05 | 0.02 | | 9.00 | 0.62 | 0.10 | 0.48 | 0.08 | 34.65 | 1.59 | 10.42 | 0.07 | 0.51 | 1.31 | 11.32 | 19.73 | 10.43 | 0.76 | 0.11 | 8.83 | 3.99 | | | | | | |
| 10 | ECO 10 | 686519.0 | 4861987.6 | | | 1.26E-05 | 0.01 | | 8.33 | 0.57 | 0.09 | 0.44 | 0.07 | 32.08 | 1.47 | 9.64 | 0.07 | 0.47 | 1.21 | 10.48 | 18.26 | 9.65 | 0.70 | 0.10 | 8.18 | 3.69 | | | | | | |
| 11 | ECO 11 | 679870.4 | 4859737.9 | | | 9.21E-05 | 0.10 | | 60.99 | 4.20 | 0.64 | 3.24 | 0.51 | 234.74 | 10.74 | 70.58 | 0.49 | 3.45 | 8.89 | 76.71 | 133.65 | 70.64 | 5.14 | 0.74 | 59.84 | 27.00 | | | | | | |
| 12 | Recreational 4 | 681575.5 | 4860557.7 | | | 6.94E-05 | 0.08 | | 45.95 | 3.17 | 0.49 | 2.44 | 0.39 | 176.87 | 8.09 | 53.18 | 0.37 | 2.60 | 6.70 | 57.80 | 100.70 | 53.22 | 3.87 | 0.55 | 45.08 | 20.34 | | | | | | |
| 13 | Future Industrial 9 | 680704.5 | 4859857.8 | | | 1.13E-04 | 0.13 | | 75.16 | 5.18 | 0.79 | 4.00 | 0.63 | 289.30 | 13.24 | 86.98 | 0.61 | 4.25 | 10.95 | 94.54 | 164.72 | 87.06 | 6.34 | 0.91 | 73.74 | 33.27 | | | | | | |
| 14 | Future Industrial 10 | 680608.0 | 4860719.6 | | | 2.08E-04 | 0.23 | | 137.88 | 9.50 | 1.46 | 7.33 | 1.16 | 530.70 | 24.28 | 159.56 | 1.11 | 7.80 | 20.09 | 173.43 | 302.16 | 159.70 | 11.62 | 1.66 | 135.28 | 61.04 | | | | | | |
| 15 | Harmony Creek | 673992.4 | 4865641.4 | | | 1.26E-05 | 0.01 | | 8.38 | 0.58 | 0.09 | 0.45 | 0.07 | 32.24 | 1.48 | 9.69 | 0.07 | 0.47 | 1.22 | 10.54 | 18.36 | 9.70 | 0.71 | 0.10 | 8.22 | 3.71 | | | | | | |
| 16 | Farewell Creek | 678079.2 | 4868822.7 | | | 1.51E-05 | 0.02 | | 10.02 | 0.69 | 0.11 | 0.53 | 0.08 | 38.57 | 1.76 | 11.60 | 0.08 | 0.57 | 1.46 | 12.60 | 21.96 | 11.61 | 0.84 | 0.12 | 9.83 | 4.44 | | | | | | |
| 17 | Farmer | 681378.6 | 4860335.0 | | | 9.42E-05 | 0.10 | | 62.43 | 4.30 | 0.66 | 3.32 | 0.52 | 240.30 | 10.99 | 72.25 | 0.50 | 3.53 | 9.10 | 78.53 | 136.82 | 72.31 | 5.26 | 0.75 | 61.25 | 27.64 | | | | | | |
| 18 | Watson Farm | 682883.4 | 4864219.7 | | | 3.43E-05 | 0.04 | | 22.74 | 1.57 | 0.24 | 1.21 | 0.19 | 87.53 | 4.00 | 26.32 | 0.18 | 1.29 | 3.31 | 28.60 | 49.84 | 26.34 | 1.92 | 0.27 | 22.31 | 10.07 | | | | | | |
| 19 | Racanski Farm | 678929.2 | 4865530.2 | | | 2.59E-05 | 0.03 | | 17.19 | 1.18 | 0.18 | 0.91 | 0.14 | 66.16 | 3.03 | 19.89 | 0.14 | 0.97 | 2.51 | 21.62 | 37.67 | 19.91 | 1.45 | 0.21 | 16.86 | 7.61 | | | | | | |
| 20 | Zoo | 687216.8 | 4864835.3 | | | 1.48E-05 | 0.02 | | 9.81 | 0.68 | 0.10 | 0.52 | 0.08 | 37.76 | 1.73 | 11.35 | 0.08 | 0.56 | 1.43 | 12.34 | 21.50 | 11.36 | 0.83 | 0.12 | 9.63 | 4.34 | | | | | | |
| 21 | Cedar Crest Beach | 686652.1 | 4861660.9 | | | 1.23E-05 | 0.01 | | 8.13 | 0.56 | 0.09 | 0.43 | 0.07 | 31.28 | 1.43 | 9.40 | 0.07 | 0.46 | 1.18 | 10.22 | 17.81 | 9.41 | 0.69 | 0.10 | 7.97 | 3.60 | | | | | | |
| 22 | Darlington Prov Park Beach | 677844.6 | 4859718.2 | | | 3.11E-05 | 0.03 | | 20.58 | 1.42 | 0.22 | 1.09 | 0.17 | 79.20 | 3.62 | 23.81 | 0.17 | 1.16 | 3.00 | 25.88 | 45.09 | 23.83 | 1.73 | 0.25 | 20.19 | 9.11 | | | | | | |
| 23 | OPG 1 | 682258.1 | 4860045.0 | | | 4.23E-05 | 0.05 | | 28.02 | 1.93 | 0.30 | 1.49 | 0.23 | 107.85 | 4.93 | 32.42 | 0.23 | 1.59 | 4.08 | 35.24 | 61.41 | 32.45 | 2.36 | 0.34 | 27.49 | 12.40 | | | | | | |
| 24 | OPG 2 | 682551.4 | 4859889.1 | | | 3.40E-05 | 0.04 | | 22.52 | 1.55 | 0.24 | 1.20 | 0.19 | 86.66 | 3.96 | 26.06 | 0.18 | 1.27 | 3.28 | 28.32 | 49.34 | 26.08 | 1.90 | 0.27 | 22.09 | 9.97 | | | | | | |
| 25 | OPG 3 | 682824.6 | 4859759.3 | | | 2.75E-05 | 0.03 | | 18.25 | 1.26 | 0.19 | 0.97 | 0.15 | 70.25 | 3.21 | 21.12 | 0.15 | 1.03 | 2.66 | 22.96 | 40.00 | 21.14 | 1.54 | 0.22 | 17.91 | 8.08 | | | | | | |
| 26 | OPG 4 | 683021.6 | 4859937.3 | | | 3.16E-05 | 0.04 | | 20.93 | 1.44 | 0.22 | 1.11 | 0.18 | 80.56 | 3.69 | 24.22 | 0.17 | 1.18 | 3.05 | 26.33 | 45.87 | 24.24 | 1.76 | 0.25 | 20.54 | 9.27 | | | | | | |
| 27 | OPG 5 | 683318.2 | 4859677.8 | | | 2.32E-05 | 0.03 | | 15.36 | 1.06 | 0.16 | 0.82 | 0.13 | 59.10 | 2.70 | 17.77 | 0.12 | 0.87 | 2.24 | 19.32 | 33.65 | 17.79 | 1.29 | 0.19 | 15.07 | 6.80 | | | | | | |
| 28 | OPG 6 | 683306.9 | 4860023.0 | | | 3.27E-05 | 0.04 | | 21.68 | 1.49 | 0.23 | 1.15 | 0.18 | 83.44 | 3.82 | 25.09 | 0.17 | 1.23 | 3.16 | 27.27 | 47.51 | 25.11 | 1.83 | 0.26 | 21.27 | 9.60 | | | | | | |
| 29 | OPG 7 | 683718.6 | 4859915.8 | | | 2.75E-05 | 0.03 | | 18.24 | 1.26 | 0.19 | 0.97 | 0.15 | 70.22 | 3.21 | 21.11 | 0.15 | 1.03 | 2.66 | 22.95 | 39.98 | 21.13 | 1.54 | 0.22 | 17.90 | 8.08 | | | | | | |
| 30 | OPG 8 | 682702.0 | 4859998.6 | | | 3.76E-05 | 0.04 | | 24.92 | 1.72 | 0.26 | 1.33 | 0.21 | 95.90 | 4.39 | 28.83 | 0.20 | 1.41 | 3.63 | 31.34 | 54.60 | 28.86 | 2.10 | 0.30 | 24.45 | 11.03 | | | | | | |
| 31 | OPG 9 | 684347.7 | 4861184.6 | | | 2.16E-05 | 0.02 | | 14.32 | 0.99 | 0.15 | 0.76 | 0.12 | 55.10 | 2.52 | 16.57 | 0.12 | 0.81 | 2.09 | 18.01 | 31.37 | 16.58 | 1.21 | 0.17 | 14.05 | 6.34 | | | | | | |
| 32 | OPG 10 | 682157.2 | 4861228.2 | | | 6.37E-05 | 0.07 | | 42.19 | 2.91 | 0.45 | 2.24 | 0.35 | 162.39 | 7.43 | 48.82 | 0.34 | 2.39 | 6.15 | 53.07 | 92.46 | 48.87 | 3.56 | 0.51 | 41.39 | 18.68 | | | | | | |
| 33 | St. Mary's 1 | 684557.0 | 4861070.0 | | | 2.17E-05 | 0.02 | | 14.35 | 0.99 | 0.15 | 0.76 | 0.12 | 55.22 | 2.53 | 16.60 | 0.12 | 0.81 | 2.09 | 18.05 | 31.44 | 16.62 | 1.21 | 0.17 | 14.08 | 6.35 | | | | | | |
| 34 | St. Mary's 2 | 684657.3 | 4861320.8 | | | 1.97E-05 | 0.02 | | 13.04 | 0.90 | 0.14 | 0.69 | 0.11 | 50.21 | 2.30 | 15.10 | 0.11 | 0.74 | 1.90 | 16.41 | 28.59 | 15.11 | 1.10 | 0.16 | 12.80 | 5.77 | | | | | | |
| 35 | St. Mary's 3 | 684905.3 | 4861154.4 | | | 1.94E-05 | 0.02 | | 12.85 | 0.89 | 0.14 | 0.68 | 0.11 | 49.47 | 2.26 | 14.87 | 0.10 | 0.73 | 1.87 | 16.17 | 28.17 | 14.89 | 1.08 | 0.16 | 12.61 | 5.69 | | | | | | |
| 36 | Court. Subdivision 1 | 677328.4 | 4862976.1 | | | 3.20E-05 | 0.04 | | 21.18 | 1.46 | 0.22 | 1.13 | 0.18 | 81.53 | 3.73 | 24.51 | 0.17 | 1.20 | 3.09 | 26.64 | 46.42 | 24.53 | 1.79 | 0.26 | 20.78 | 9.38 | | | | | | |
| 37 | Court. Subdivision 2 | 676187.9 | 4862611.1 | | | 3.24E-05 | 0.04 | | 21.45 | 1.48 | 0.23 | 1.14 | 0.18 | 82.57 | 3.78 | 24.83 | 0.17 | 1.21 | 3.13 | 26.98 | 47.01 | 24.85 | 1.81 | 0.26 | 21.05 | 9.50 | | | | | | |
| 38 | Court. Subdivision 3 | 675974.8 | 4863484.1 | | | 2.12E-05 | 0.02 | | 14.06 | 0.97 | 0.15 | 0.75 | 0.12 | 54.14 | 2.48 | 16.28 | 0.11 | 0.80 | 2.05 | 17.69 | 30.82 | 16.29 | 1.19 | 0.17 | 13.80 | 6.23 | | | | | | |
| 39 | Court. Subdivision 4 | 676606.1 | 4863214.1 | | | 2.56E-05 | 0.03 | | 16.96 | 1.17 | 0.18 | 0.90 | 0.14 | 65.26 | 2.99 | 19.62 | 0.14 | 0.96 | 2.47 | 21.33 | 37.16 | 19.64 | 1.43 | 0.20 | 16.64 | 7.51 | | | | | | |
| 40 | Court. Subdivision 5 | 676827.1 | 4863591.4 | | | 2.73E-05 | 0.03 | | 18.08 | 1.25 | 0.19 | 0.96 | 0.15 | 69.59 | 3.18 | 20.92 | 0.15 | 1.02 | 2.63 | 22.74 | 39.62 | 20.94 | 1.52 | 0.22 | 17.74 | 8.00 | | | | | | |
| 41 | Court. Subdivision 6 | 677200.4 | 4864074.9 | | | 2.51E-05 | 0.03 | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Dioxins (as TEQ Toxic Equivalents) | Polychlorinated Biphenyls (PCB) | Metals | Aluminum | Antimony | Arsenic | Barium | Beryllium | Boron | Cadmium (Cd) | Cadmium and Thallium (Cd + Th) | Chromium (hexavalent) | Total Chromium (and compounds) | Cobalt | Lead (Pb) | Nickel | Phosphorus | Silver | Selenium | Thallium | Tin | | | |
|----------|--------------------------|----------|-----------|-------------|----------------------------------|--|---------------------------------|--------|----------|----------|----------|----------|-----------|----------|--------------|--------------------------------|-----------------------|--------------------------------|----------|-----------|----------|------------|----------|----------|----------|----------|----------|---|---|
| | | (m) | (m) | | | Vapour (V)/Particulate (P) Phase | P | | V | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| | | | | | | Updated Facility Contaminant Emission Rate (g/s) | 7.02E-09 | | 8.44E-06 | 4.65E-03 | 3.20E-04 | 4.91E-05 | 2.47E-04 | 3.90E-05 | 0.02 | 8.19E-04 | 5.38E-03 | 3.74E-05 | 2.63E-04 | 6.78E-04 | 5.85E-03 | 0.01 | 5.38E-03 | 3.92E-04 | 5.61E-05 | 4.56E-03 | 2.06E-03 | | |
| 56 | Osh/Court Subdivision 1 | 677396.8 | 4860977.3 | | | 5.34E-05 | 0.06 | | 35.39 | 2.44 | 0.37 | 1.88 | 0.30 | 136.22 | 6.23 | 40.95 | 0.28 | 2.00 | 5.16 | 44.51 | 77.56 | 40.99 | 2.98 | 0.43 | 34.72 | 15.67 | | | |
| 57 | Osh/Court Subdivision 2 | 676633.5 | 4860816.8 | | | 3.58E-05 | 0.04 | | 23.73 | 1.64 | 0.25 | 1.26 | 0.20 | 91.35 | 4.18 | 27.47 | 0.19 | 1.34 | 3.46 | 29.85 | 52.01 | 27.49 | 2.00 | 0.29 | 23.29 | 10.51 | | | |
| 58 | Osh/Court Subdivision 3 | 676916.0 | 4861925.0 | | | 5.12E-05 | 0.06 | | 33.92 | 2.34 | 0.36 | 1.80 | 0.28 | 130.56 | 5.97 | 39.25 | 0.27 | 1.92 | 4.94 | 42.67 | 74.34 | 39.29 | 2.86 | 0.41 | 33.28 | 15.02 | | | |
| 59 | Osh/Court Subdivision 4 | 676730.5 | 4861317.1 | | | 4.21E-05 | 0.05 | | 27.90 | 1.92 | 0.29 | 1.48 | 0.23 | 107.40 | 4.91 | 32.29 | 0.22 | 1.58 | 4.07 | 35.10 | 61.15 | 32.32 | 2.35 | 0.34 | 27.38 | 12.35 | | | |
| 60 | Osh/Court Subdivision 5 | 676087.2 | 4861392.3 | | | 3.41E-05 | 0.04 | | 22.61 | 1.56 | 0.24 | 1.20 | 0.19 | 87.03 | 3.98 | 26.17 | 0.18 | 1.28 | 3.30 | 28.44 | 49.55 | 26.19 | 1.91 | 0.27 | 22.18 | 10.01 | | | |
| 61 | Osh/Court Subdivision 6 | 676177.1 | 4861722.2 | | | 4.18E-05 | 0.05 | | 27.67 | 1.91 | 0.29 | 1.47 | 0.23 | 106.51 | 4.87 | 32.02 | 0.22 | 1.57 | 4.03 | 34.81 | 60.64 | 32.05 | 2.33 | 0.33 | 27.15 | 12.25 | | | |
| 62 | Osh/Court Subdivision 7 | 675670.7 | 4861783.2 | | | 3.55E-05 | 0.04 | | 23.55 | 1.62 | 0.25 | 1.25 | 0.20 | 90.65 | 4.15 | 27.25 | 0.19 | 1.33 | 3.43 | 29.62 | 51.61 | 27.28 | 1.99 | 0.28 | 23.11 | 10.43 | | | |
| 63 | Osh/Court Subdivision 8 | 676050.8 | 4862055.7 | | | 4.48E-05 | 0.05 | | 29.71 | 2.05 | 0.31 | 1.58 | 0.25 | 114.37 | 5.23 | 34.38 | 0.24 | 1.68 | 4.33 | 37.37 | 65.12 | 34.42 | 2.51 | 0.36 | 29.15 | 13.15 | | | |
| 64 | Osh/Court Subdivision 9 | 676636.9 | 4862134.3 | | | 4.52E-05 | 0.05 | | 29.96 | 2.07 | 0.32 | 1.59 | 0.25 | 115.33 | 5.28 | 34.68 | 0.24 | 1.70 | 4.37 | 37.69 | 65.67 | 34.71 | 2.53 | 0.36 | 29.40 | 13.26 | | | |
| 65 | Osh/Court Subdivision 10 | 676571.3 | 4861634.8 | | | 4.67E-05 | 0.05 | | 30.96 | 2.13 | 0.33 | 1.65 | 0.26 | 119.16 | 5.45 | 35.83 | 0.25 | 1.75 | 4.51 | 38.94 | 67.85 | 35.86 | 2.61 | 0.37 | 30.37 | 13.71 | | | |
| 66 | Bow. Subdivision 11 | 684649.2 | 4863182.7 | | | 2.57E-05 | 0.03 | | 17.03 | 1.17 | 0.18 | 0.91 | 0.14 | 65.56 | 3.00 | 19.71 | 0.14 | 0.96 | 2.48 | 21.42 | 37.33 | 19.73 | 1.44 | 0.21 | 16.71 | 7.54 | | | |
| 67 | Daycare B | 685172.4 | 4863933.1 | | | 2.40E-05 | 0.03 | | 15.90 | 1.10 | 0.17 | 0.85 | 0.13 | 61.19 | 2.80 | 18.40 | 0.13 | 0.90 | 2.32 | 20.00 | 34.84 | 18.41 | 1.34 | 0.19 | 15.60 | 7.04 | | | |
| 68 | Daycare C | 685452.0 | 4863104.4 | | | 1.89E-05 | 0.02 | | 12.55 | 0.87 | 0.13 | 0.67 | 0.11 | 48.30 | 2.21 | 14.52 | 0.10 | 0.71 | 1.83 | 15.79 | 27.50 | 14.54 | 1.06 | 0.15 | 12.31 | 5.56 | | | |
| 69 | Daycare D | 685527.7 | 4864693.3 | | | 2.55E-05 | 0.03 | | 16.87 | 1.16 | 0.18 | 0.90 | 0.14 | 64.93 | 2.97 | 19.52 | 0.14 | 0.95 | 2.46 | 21.22 | 36.97 | 19.54 | 1.42 | 0.20 | 16.55 | 7.47 | | | |
| 70 | Daycare E | 685735.4 | 4864790.8 | | | 2.40E-05 | 0.03 | | 15.88 | 1.09 | 0.17 | 0.84 | 0.13 | 61.11 | 2.80 | 18.37 | 0.13 | 0.90 | 2.31 | 19.97 | 34.79 | 18.39 | 1.34 | 0.19 | 15.58 | 7.03 | | | |
| 71 | Daycare F | 685520.3 | 4864854.3 | | | 2.59E-05 | 0.03 | | 17.13 | 1.18 | 0.18 | 0.91 | 0.14 | 65.94 | 3.02 | 19.83 | 0.14 | 0.97 | 2.50 | 21.55 | 37.55 | 19.84 | 1.44 | 0.21 | 16.81 | 7.58 | | | |
| 72 | Daycare G | 685441.9 | 4864878.0 | | | 2.63E-05 | 0.03 | | 17.46 | 1.20 | 0.18 | 0.93 | 0.15 | 67.19 | 3.07 | 20.20 | 0.14 | 0.99 | 2.54 | 21.96 | 38.25 | 20.22 | 1.47 | 0.21 | 17.13 | 7.73 | | | |
| 73 | Daycare H | 686364.8 | 4864707.8 | | | 1.86E-05 | 0.02 | | 12.33 | 0.85 | 0.13 | 0.66 | 0.10 | 47.45 | 2.17 | 14.27 | 0.10 | 0.70 | 1.80 | 15.51 | 27.01 | 14.28 | 1.04 | 0.15 | 12.09 | 5.46 | | | |
| 74 | Daycare I | 685721.6 | 4865127.3 | | | 2.47E-05 | 0.03 | | 16.39 | 1.13 | 0.17 | 0.87 | 0.14 | 63.09 | 2.89 | 18.97 | 0.13 | 0.93 | 2.39 | 20.62 | 35.92 | 18.99 | 1.38 | 0.20 | 16.08 | 7.26 | | | |
| 75 | Daycare J | 678256.3 | 4863565.4 | | | 2.57E-05 | 0.03 | | 17.01 | 1.17 | 0.18 | 0.90 | 0.14 | 65.46 | 2.99 | 19.68 | 0.14 | 0.96 | 2.48 | 21.39 | 37.27 | 19.70 | 1.43 | 0.21 | 16.69 | 7.53 | | | |
| 76 | Daycare K | 677694.1 | 4864043.7 | | | 2.04E-05 | 0.02 | | 13.48 | 0.93 | 0.14 | 0.72 | 0.11 | 51.90 | 2.37 | 15.60 | 0.11 | 0.76 | 1.97 | 16.96 | 29.55 | 15.62 | 1.14 | 0.16 | 13.23 | 5.97 | | | |
| 77 | Daycare L | 676479.5 | 4862526.2 | | | 3.33E-05 | 0.04 | | 22.09 | 1.52 | 0.23 | 1.17 | 0.19 | 85.02 | 3.89 | 25.56 | 0.18 | 1.25 | 3.22 | 27.78 | 48.40 | 25.58 | 1.86 | 0.27 | 21.67 | 9.78 | | | |
| 78 | Daycare M | 678320.9 | 4864763.5 | | | 2.16E-05 | 0.02 | | 14.32 | 0.99 | 0.15 | 0.76 | 0.12 | 55.11 | 2.52 | 16.57 | 0.12 | 0.81 | 2.09 | 18.01 | 31.38 | 16.58 | 1.21 | 0.17 | 14.05 | 6.34 | | | |
| 79 | Daycare N | 678513.4 | 4865058.0 | | | 2.28E-05 | 0.03 | | 15.09 | 1.04 | 0.16 | 0.80 | 0.13 | 58.08 | 2.66 | 17.46 | 0.12 | 0.85 | 2.20 | 18.98 | 33.07 | 17.48 | 1.27 | 0.18 | 14.81 | 6.68 | | | |
| 80 | Daycare O | 672788.7 | 4863936.6 | | | 1.90E-05 | 0.02 | | 12.61 | 0.87 | 0.13 | 0.67 | 0.11 | 48.53 | 2.22 | 14.59 | 0.10 | 0.71 | 1.84 | 15.86 | 27.63 | 14.60 | 1.06 | 0.15 | 12.37 | 5.58 | | | |
| 81 | Daycare P | 673952.8 | 4863592.5 | | | 2.15E-05 | 0.02 | | 14.25 | 0.98 | 0.15 | 0.76 | 0.12 | 54.86 | 2.51 | 16.49 | 0.11 | 0.81 | 2.08 | 17.93 | 31.24 | 16.51 | 1.20 | 0.17 | 13.98 | 6.31 | | | |
| 82 | Daycare Q | 671751.8 | 4864887.7 | | | 1.39E-05 | 0.02 | | 9.18 | 0.63 | 0.10 | 0.49 | 0.08 | 35.33 | 1.62 | 10.62 | 0.07 | 0.52 | 1.34 | 11.55 | 20.12 | 10.63 | 0.77 | 0.11 | 9.01 | 4.06 | | | |
| 83 | Daycare R | 685714.4 | 4864667.4 | | | 2.38E-05 | 0.03 | | 15.76 | 1.09 | 0.17 | 0.84 | 0.13 | 60.66 | 2.78 | 18.24 | 0.13 | 0.89 | 2.30 | 19.82 | 34.54 | 18.25 | 1.33 | 0.19 | 15.46 | 6.98 | | | |
| 84 | Daycare S | 684177.9 | 4863618.2 | | | 3.83E-05 | 0.04 | | 25.36 | 1.75 | 0.27 | 1.35 | 0.21 | 97.61 | 4.47 | 29.35 | 0.20 | 1.44 | 3.70 | 31.90 | 55.57 | 29.37 | 2.14 | 0.31 | 24.88 | 11.23 | | | |
| 85 | Daycare T | 678423.6 | 4864480.4 | | | 2.29E-05 | 0.03 | | 15.15 | 1.04 | 0.16 | 0.81 | 0.13 | 58.30 | 2.67 | 17.53 | 0.12 | 0.86 | 2.21 | 19.05 | 33.20 | 17.54 | 1.28 | 0.18 | 14.86 | 6.71 | | | |
| 86 | Daycare U | 685330.5 | 4863435.1 | | | 2.14E-05 | 0.02 | | 14.19 | 0.98 | 0.15 | 0.75 | 0.12 | 54.62 | 2.50 | 16.42 | 0.11 | 0.80 | 2.07 | 17.85 | 31.10 | 16.44 | 1.20 | 0.17 | 13.92 | 6.28 | | | |
| 87 | Daycare V | 685153.2 | 4863236.9 | | | 2.23E-05 | 0.02 | | 14.80 | 1.02 | 0.16 | 0.79 | 0.12 | 56.96 | 2.61 | 17.13 | 0.12 | 0.84 | 2.16 | 18.62 | 32.43 | 17.14 | 1.25 | 0.18 | 14.52 | 6.55 | | | |
| 88 | Daycare W | 672679.0 | 4862044.9 | | | 1.70E-05 | 0.02 | | 11.25 | 0.78 | 0.12 | 0.60 | 0.09 | 43.29 | 1.98 | 13.02 | 0.09 | 0.64 | 1.64 | 14.15 | 24.65 | 13.03 | 0.95 | 0.14 | 11.03 | 4.98 | | | |
| 89 | Daycare X | 672076.5 | 4865285.8 | | | 1.21E-05 | 0.01 | | 8.04 | 0.55 | 0.08 | 0.43 | 0.07 | 30.93 | 1.42 | 9.30 | 0.06 | 0.45 | 1.17 | 10.11 | 17.61 | 9.31 | 0.68 | 0.10 | 7.88 | 3.56 | | | |
| 90 | Daycare Y | 672638.0 | 4859664.4 | | | 1.24E-05 | 0.01 | | 8.23 | 0.57 | 0.09 | 0.44 | 0.07 | 31.69 | 1.45 | 9.53 | 0.07 | 0.47 | 1.20 | 10.36 | 18.04 | 9.54 | 0.69 | 0.10 | 8.08 | 3.64 | | | |
| 91 | Daycare Z | 673735.9 | 4858958.0 | | | 1.22E-05 | 0.01 | | 8.08 | 0.56 | 0.09 | 0.43 | 0.07 | 31.10 | 1.42 | 9.35 | 0.07 | 0.46 | 1.18 | 10.16 | 17.71 | 9.36 | 0.68 | 0.10 | 7.93 | 3.58 | | | |
| 92 | Daycare AA | 673121.8 | 4863385.9 | | | 2.27E-05 | 0.03 | | 15.06 | 1.04 | 0.16 | 0.80 | 0.13 | 57.97 | 2.65 | 17.43 | 0.12 | 0.85 | 2.20 | 18.95 | 33.01 | 17.45 | 1.27 | 0.18 | 14.78 | 6.67 | | | |
| 93 | Daycare BB | 673904.8 | 4862282.2 | | | 2.55E-05 | 0.03 | | 16.91 | 1.17 | 0.18 | 0.90 | 0.14 | 65.07 | 2.98 | 19.56 | 0.14 | 0.96 | 2.46 | 21.27 | 37.05 | 19.58 | 1.43 | 0.20 | 16.59 | 7.48 | | | |
| 94 | Daycare CC | 671471.6 | 4861795.3 | | | 1.34E-05 | 0.02 | | 8.85 | 0.61 | 0.09 | 0.47 | 0.07 | 34.06 | 1.56 | 10.24 | 0.07 | 0.50 | 1.29 | 11.13 | 19.40 | 10.25 | 0.75 | 0.11 | 8.68 | 3.92 | | | |
| 95 | Daycare DD | 673057.3 | 4862625.6 | | | 2.27E-05 | 0.03 | | 15.04 | 1.04 | 0.16 | 0.80 | 0.13 | 57.88 | 2.65 | 17.40 | 0.12 | 0.85 | 2.19 | 18.92 | 32.96 | 17.42 | 1.27 | 0.18 | 14.75 | 6.66 | | | |
| 96 | Daycare EE | 674917.1 | 4863957.2 | | | 1.73E-05 | 0.02 | | 11.48 | 0.79 | 0.12 | 0.61 | 0.10 | 44.18 | 2.02 | 13.28 | 0.09 | 0.65 | 1.67 | 14.44 | 25.15 | 13.29 | 0.97 | 0.14 | 11.26 | 5.08 | | | |
| 97 | Daycare FF | 671356.6 | 4862954.4 | | | 1.64E-05 | 0.02 | | 10.85 | 0.75 | 0.11 | 0.58 | 0.09 | 41.75 | 1.91 | 12.55 | 0.09 | 0.61 | 1.58 | 13.64 | 23.77 | 12.56 | 0.91 | 0.13 | 10.64 | 4.80 | | | |
| 98 | Daycare GG | 671675.5 | 4862705.8 | | | 1.63E-05 | 0.02 | | 10.82 | 0.75 | 0.11 | 0.58 | 0.09 | 41.64 | 1.91 | 12.52 | 0.09 | 0.61 | 1.58 | 13.61 | 23.71 | 12.53 | 0.91 | 0.13 | 10.62 | 4.79 | | | |
| 99 | Daycare HH | 671604.8 | 4860138.1 | | | 1.25E-05 | 0.01 | | 8.31 | 0.57 | 0.09 | 0.44 | 0.07 | 31.99 | 1.46 | 9.62 | 0.07 | 0.47 | 1.21 | 10.45 | 18.21 | 9.63 | 0.70 | 0.10 | 8.15 | 3.68 | | | |
| 100 | Daycare II | 670945.2 | 4857983.8 | | | 8.47E-06 | 9.56E-03 | | 5.61 | 0.39 | 0.06 | 0.30 | 0.05 | 21.61 | 0.99 | 6.50 | 0.05 | 0.32 | 0.82 | 7.06 | 12.30 | 6.50 | 0.47 | 0.07 | 5.51 | 2.49 | | | |
| 101 | Daycare JJ | 677514.6 | 4864744.1 | | | 1.83E-05 | 0.02 | | 12.13 | 0.84 | 0.13 | 0.65 | 0.10 | 46.69 | 2.14 | 14.04 | 0.10 | 0.69 | 1.77 | 15.26 | 26.59 | 14.05 | 1.02 | 0. | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Dioxins (as TEQ Toxic Equivalents) | Polychlorinated Biphenyls (PCB) | Metals | Aluminum | Antimony | Arsenic | Barium | Beryllium | Boron | Cadmium (Cd) | Cadmium and Thallium (Cd + Th) | Chromium (hexavalent) | Total Chromium (and compounds) | Cobalt | Lead (Pb) | Nickel | Phosphorus | Silver | Selenium | Thallium | Tin | | | |
|----------|------------------------|----------------------------------|-----------|-------------|----------------------------------|--|---------------------------------|--------|----------|----------|---------|--------|-----------|-------|--------------|--------------------------------|-----------------------|--------------------------------|--------|-----------|--------|------------|--------|----------|----------|-------|---|---|---|
| | | (m) | (m) | | | P | V | | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| | | Vapour (V)/Particulate (P) Phase | | | | Updated Facility Contaminant Emission Rate (g/s) | | | | | | | | | | | | | | | | | | | | | | | |
| 111 | Comm. Resp. Services | 676045.4 | 4863902.5 | | | 2.14E-05 | 0.02 | | 14.15 | 0.98 | 0.15 | 0.75 | 0.12 | 54.47 | 2.49 | 16.38 | 0.11 | 0.80 | 2.06 | 17.80 | 31.02 | 16.39 | 1.19 | 0.17 | 13.89 | 6.27 | | | |
| 112 | Hospital | 671712.7 | 4862364.1 | | | 1.49E-05 | 0.02 | | 9.86 | 0.68 | 0.10 | 0.52 | 0.08 | 37.96 | 1.74 | 11.41 | 0.08 | 0.56 | 1.44 | 12.41 | 21.61 | 11.42 | 0.83 | 0.12 | 9.68 | 4.37 | | | |
| 113 | Retirement Residence A | 684199.9 | 4864120.3 | | | 3.65E-05 | 0.04 | | 24.17 | 1.67 | 0.26 | 1.29 | 0.20 | 93.05 | 4.26 | 27.98 | 0.19 | 1.37 | 3.52 | 30.41 | 52.98 | 28.00 | 2.04 | 0.29 | 23.72 | 10.70 | | | |
| 114 | Retirement Residence B | 685483.9 | 4865150.9 | | | 2.60E-05 | 0.03 | | 17.22 | 1.19 | 0.18 | 0.92 | 0.14 | 66.27 | 3.03 | 19.93 | 0.14 | 0.97 | 2.51 | 21.66 | 37.73 | 19.94 | 1.45 | 0.21 | 16.89 | 7.62 | | | |
| 115 | Retirement Residence C | 686844.0 | 4864732.1 | | | 1.64E-05 | 0.02 | | 10.89 | 0.75 | 0.12 | 0.58 | 0.09 | 41.92 | 1.92 | 12.60 | 0.09 | 0.62 | 1.59 | 13.70 | 23.87 | 12.62 | 0.92 | 0.13 | 10.69 | 4.82 | | | |
| 116 | Retirement Residence D | 673481.7 | 4863343.4 | | | 2.37E-05 | 0.03 | | 15.68 | 1.08 | 0.17 | 0.83 | 0.13 | 60.35 | 2.76 | 18.14 | 0.13 | 0.89 | 2.29 | 19.72 | 34.36 | 18.16 | 1.32 | 0.19 | 15.38 | 6.94 | | | |
| 117 | Retirement Residence E | 671825.2 | 4864399.0 | | | 1.62E-05 | 0.02 | | 10.76 | 0.74 | 0.11 | 0.57 | 0.09 | 41.42 | 1.90 | 12.45 | 0.09 | 0.61 | 1.57 | 13.54 | 23.58 | 12.46 | 0.91 | 0.13 | 10.56 | 4.76 | | | |
| 118 | Retirement Residence F | 671606.3 | 4864536.0 | | | 1.55E-05 | 0.02 | | 10.29 | 0.71 | 0.11 | 0.55 | 0.09 | 39.59 | 1.81 | 11.90 | 0.08 | 0.58 | 1.50 | 12.94 | 22.54 | 11.91 | 0.87 | 0.12 | 10.09 | 4.55 | | | |
| 119 | Retirement Residence G | 671357.1 | 4862958.7 | | | 1.65E-05 | 0.02 | | 10.91 | 0.75 | 0.12 | 0.58 | 0.09 | 41.98 | 1.92 | 12.62 | 0.09 | 0.62 | 1.59 | 13.72 | 23.90 | 12.63 | 0.92 | 0.13 | 10.70 | 4.83 | | | |
| 120 | Retirement Residence H | 671514.0 | 4862262.9 | | | 1.43E-05 | 0.02 | | 9.45 | 0.65 | 0.10 | 0.50 | 0.08 | 36.36 | 1.66 | 10.93 | 0.08 | 0.53 | 1.38 | 11.88 | 20.70 | 10.94 | 0.80 | 0.11 | 9.27 | 4.18 | | | |
| 121 | Retirement Residence I | 672602.2 | 4863075.9 | | | 2.22E-05 | 0.03 | | 14.70 | 1.01 | 0.16 | 0.78 | 0.12 | 56.56 | 2.59 | 17.01 | 0.12 | 0.83 | 2.14 | 18.49 | 32.21 | 17.02 | 1.24 | 0.18 | 14.42 | 6.51 | | | |
| 122 | Retirement Residence J | 671719.1 | 4862893.1 | | | 1.76E-05 | 0.02 | | 11.68 | 0.80 | 0.12 | 0.62 | 0.10 | 44.95 | 2.06 | 13.51 | 0.09 | 0.66 | 1.70 | 14.69 | 25.59 | 13.53 | 0.98 | 0.14 | 11.46 | 5.17 | | | |
| 123 | Retirement Residence K | 686718.0 | 4865648.7 | | | 2.00E-05 | 0.02 | | 13.25 | 0.91 | 0.14 | 0.70 | 0.11 | 51.01 | 2.33 | 15.34 | 0.11 | 0.75 | 1.93 | 16.67 | 29.05 | 15.35 | 1.12 | 0.16 | 13.00 | 5.87 | | | |
| 124 | Retirement Residence L | 676168.7 | 4865669.9 | | | 1.64E-05 | 0.02 | | 10.84 | 0.75 | 0.11 | 0.58 | 0.09 | 41.72 | 1.91 | 12.54 | 0.09 | 0.61 | 1.58 | 13.63 | 23.75 | 12.55 | 0.91 | 0.13 | 10.63 | 4.80 | | | |
| 125 | Retirement Residence M | 676118.5 | 4863980.7 | | | 2.18E-05 | 0.02 | | 14.45 | 1.00 | 0.15 | 0.77 | 0.12 | 55.61 | 2.54 | 16.72 | 0.12 | 0.82 | 2.11 | 18.17 | 31.66 | 16.73 | 1.22 | 0.17 | 14.17 | 6.40 | | | |
| 126 | Bow. Subdivision 12 | 684649.2 | 4863182.7 | | | 2.57E-05 | 0.03 | | 17.03 | 1.17 | 0.18 | 0.91 | 0.14 | 65.54 | 3.00 | 19.70 | 0.14 | 0.96 | 2.48 | 21.42 | 37.31 | 19.72 | 1.44 | 0.21 | 16.71 | 7.54 | | | |
| 127 | Primary School B | 685384.8 | 4863575.3 | | | 2.12E-05 | 0.02 | | 14.06 | 0.97 | 0.15 | 0.75 | 0.12 | 54.12 | 2.48 | 16.27 | 0.11 | 0.80 | 2.05 | 17.69 | 30.81 | 16.29 | 1.19 | 0.17 | 13.80 | 6.22 | | | |
| 128 | Primary School C | 685021.6 | 4863952.9 | | | 2.67E-05 | 0.03 | | 17.71 | 1.22 | 0.19 | 0.94 | 0.15 | 68.18 | 3.12 | 20.50 | 0.14 | 1.00 | 2.58 | 22.28 | 38.82 | 20.52 | 1.49 | 0.21 | 17.38 | 7.84 | | | |
| 129 | Primary School D | 686237.0 | 4864085.5 | | | 1.81E-05 | 0.02 | | 12.01 | 0.83 | 0.13 | 0.64 | 0.10 | 46.22 | 2.11 | 13.90 | 0.10 | 0.68 | 1.75 | 15.10 | 26.32 | 13.91 | 1.01 | 0.15 | 11.78 | 5.32 | | | |
| 130 | Primary School E | 686719.0 | 4863734.7 | | | 1.47E-05 | 0.02 | | 9.75 | 0.67 | 0.10 | 0.52 | 0.08 | 37.53 | 1.72 | 11.28 | 0.08 | 0.55 | 1.42 | 12.26 | 21.37 | 11.29 | 0.82 | 0.12 | 9.57 | 4.32 | | | |
| 131 | Primary School F | 686357.0 | 4864754.9 | | | 1.91E-05 | 0.02 | | 12.68 | 0.87 | 0.13 | 0.67 | 0.11 | 48.80 | 2.23 | 14.67 | 0.10 | 0.72 | 1.85 | 15.95 | 27.78 | 14.68 | 1.07 | 0.15 | 12.44 | 5.61 | | | |
| 132 | Primary School G | 685502.0 | 4865013.4 | | | 2.63E-05 | 0.03 | | 17.42 | 1.20 | 0.18 | 0.93 | 0.15 | 67.03 | 3.07 | 20.15 | 0.14 | 0.99 | 2.54 | 21.91 | 38.17 | 20.17 | 1.47 | 0.21 | 17.09 | 7.71 | | | |
| 133 | Primary School H | 686726.7 | 4866061.5 | | | 2.02E-05 | 0.02 | | 13.39 | 0.92 | 0.14 | 0.71 | 0.11 | 51.55 | 2.36 | 15.50 | 0.11 | 0.76 | 1.95 | 16.85 | 29.35 | 15.51 | 1.13 | 0.16 | 13.14 | 5.93 | | | |
| 134 | Primary School I | 685186.2 | 4866568.2 | | | 2.19E-05 | 0.02 | | 14.52 | 1.00 | 0.15 | 0.77 | 0.12 | 55.88 | 2.56 | 16.80 | 0.12 | 0.82 | 2.12 | 18.26 | 31.81 | 16.81 | 1.22 | 0.18 | 14.24 | 6.43 | | | |
| 135 | Primary School J | 685965.3 | 4866979.0 | | | 1.97E-05 | 0.02 | | 13.04 | 0.90 | 0.14 | 0.69 | 0.11 | 50.18 | 2.30 | 15.09 | 0.10 | 0.74 | 1.90 | 16.40 | 28.57 | 15.10 | 1.10 | 0.16 | 12.79 | 5.77 | | | |
| 136 | Primary School K | 677709.9 | 4864726.5 | | | 1.91E-05 | 0.02 | | 12.63 | 0.87 | 0.13 | 0.67 | 0.11 | 48.61 | 2.22 | 14.61 | 0.10 | 0.71 | 1.84 | 15.88 | 27.67 | 14.63 | 1.06 | 0.15 | 12.39 | 5.59 | | | |
| 137 | Primary School L | 675988.3 | 4864270.2 | | | 2.10E-05 | 0.02 | | 13.92 | 0.96 | 0.15 | 0.74 | 0.12 | 53.57 | 2.45 | 16.11 | 0.11 | 0.79 | 2.03 | 17.51 | 30.50 | 16.12 | 1.17 | 0.17 | 13.66 | 6.16 | | | |
| 138 | Primary School M | 676608.7 | 4862739.0 | | | 2.96E-05 | 0.03 | | 19.61 | 1.35 | 0.21 | 1.04 | 0.16 | 75.48 | 3.45 | 22.69 | 0.16 | 1.11 | 2.86 | 24.67 | 42.98 | 22.71 | 1.65 | 0.24 | 19.24 | 8.68 | | | |
| 139 | Primary School N | 677222.2 | 4863759.1 | | | 2.99E-05 | 0.03 | | 19.78 | 1.36 | 0.21 | 1.05 | 0.17 | 76.13 | 3.48 | 22.89 | 0.16 | 1.12 | 2.88 | 24.88 | 43.35 | 22.91 | 1.67 | 0.24 | 19.41 | 8.76 | | | |
| 140 | Primary School O | 678154.9 | 4863872.7 | | | 2.37E-05 | 0.03 | | 15.67 | 1.08 | 0.17 | 0.83 | 0.13 | 60.32 | 2.76 | 18.14 | 0.13 | 0.89 | 2.28 | 19.71 | 34.34 | 18.15 | 1.32 | 0.19 | 15.38 | 6.94 | | | |
| 141 | Court. Subdivision 12 | 678309.6 | 4863600.8 | | | 2.58E-05 | 0.03 | | 17.08 | 1.18 | 0.18 | 0.91 | 0.14 | 65.76 | 3.01 | 19.77 | 0.14 | 0.97 | 2.49 | 21.49 | 37.44 | 19.79 | 1.44 | 0.21 | 16.76 | 7.56 | | | |
| 142 | Primary School Q | 677010.6 | 4862470.6 | | | 3.40E-05 | 0.04 | | 22.51 | 1.55 | 0.24 | 1.20 | 0.19 | 86.62 | 3.96 | 26.04 | 0.18 | 1.27 | 3.28 | 28.31 | 49.32 | 26.07 | 1.90 | 0.27 | 22.08 | 9.96 | | | |
| 143 | Primary School R | 677431.3 | 4866694.7 | | | 1.47E-05 | 0.02 | | 9.73 | 0.67 | 0.10 | 0.52 | 0.08 | 37.45 | 1.71 | 11.26 | 0.08 | 0.55 | 1.42 | 12.24 | 21.32 | 11.27 | 0.82 | 0.12 | 9.55 | 4.31 | | | |
| 144 | Primary School S | 675266.2 | 4863562.9 | | | 2.02E-05 | 0.02 | | 13.37 | 0.92 | 0.14 | 0.71 | 0.11 | 51.45 | 2.35 | 15.47 | 0.11 | 0.76 | 1.95 | 16.81 | 29.29 | 15.48 | 1.13 | 0.16 | 13.11 | 5.92 | | | |
| 145 | Primary School T | 673479.2 | 4860029.4 | | | 1.63E-05 | 0.02 | | 10.77 | 0.74 | 0.11 | 0.57 | 0.09 | 41.46 | 1.90 | 12.46 | 0.09 | 0.61 | 1.57 | 13.55 | 23.60 | 12.47 | 0.91 | 0.13 | 10.57 | 4.77 | | | |
| 146 | Primary School U | 670856.0 | 4860710.6 | | | 1.27E-05 | 0.01 | | 8.44 | 0.58 | 0.09 | 0.45 | 0.07 | 32.48 | 1.49 | 9.76 | 0.07 | 0.48 | 1.23 | 10.61 | 18.49 | 9.77 | 0.71 | 0.10 | 8.28 | 3.74 | | | |
| 147 | Primary School V | 672660.2 | 4863909.2 | | | 1.92E-05 | 0.02 | | 12.74 | 0.88 | 0.13 | 0.68 | 0.11 | 49.05 | 2.24 | 14.75 | 0.10 | 0.72 | 1.86 | 16.03 | 27.93 | 14.76 | 1.07 | 0.15 | 12.50 | 5.64 | | | |
| 148 | Primary School W | 672735.2 | 4859232.9 | | | 1.15E-05 | 0.01 | | 7.62 | 0.52 | 0.08 | 0.41 | 0.06 | 29.31 | 1.34 | 8.81 | 0.06 | 0.43 | 1.11 | 9.58 | 16.69 | 8.82 | 0.64 | 0.09 | 7.47 | 3.37 | | | |
| 149 | Primary School X | 673575.8 | 4862688.6 | | | 2.58E-05 | 0.03 | | 17.08 | 1.18 | 0.18 | 0.91 | 0.14 | 65.75 | 3.01 | 19.77 | 0.14 | 0.97 | 2.49 | 21.49 | 37.44 | 19.79 | 1.44 | 0.21 | 16.76 | 7.56 | | | |
| 150 | Primary School Y | 673710.3 | 4861969.0 | | | 2.09E-05 | 0.02 | | 13.84 | 0.95 | 0.15 | 0.74 | 0.12 | 53.29 | 2.44 | 16.02 | 0.11 | 0.78 | 2.02 | 17.41 | 30.34 | 16.04 | 1.17 | 0.17 | 13.58 | 6.13 | | | |
| 151 | Primary School Z | 672366.0 | 4859928.1 | | | 1.32E-05 | 0.01 | | 8.75 | 0.60 | 0.09 | 0.47 | 0.07 | 33.69 | 1.54 | 10.13 | 0.07 | 0.50 | 1.28 | 11.01 | 19.18 | 10.14 | 0.74 | 0.11 | 8.59 | 3.88 | | | |
| 152 | Primary School AA | 672561.7 | 4866047.1 | | | 9.86E-06 | 0.01 | | 6.53 | 0.45 | 0.07 | 0.35 | 0.05 | 25.13 | 1.15 | 7.56 | 0.05 | 0.37 | 0.95 | 8.21 | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Dioxins (as TEQ Toxic Equivalents) | Polychlorinated Biphenyls (PCB) | Metals | Aluminum | Antimony | Arsenic | Barium | Beryllium | Boron | Cadmium (Cd) | Cadmium and Thallium (Cd + Th) | Chromium (hexavalent) | Total Chromium (and compounds) | Cobalt | Lead (Pb) | Nickel | Phosphorus | Silver | Selenium | Thallium | Tin |
|----------|---------------------|----------------------------------|-----------|--|----------------------------------|------------------------------------|---------------------------------|--------|----------|----------|----------|----------|-----------|-------|--------------|--------------------------------|-----------------------|--------------------------------|----------|-----------|--------|------------|----------|----------|----------|----------|
| | | | | | | | | | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| | | Vapour (V)/Particulate (P) Phase | | P | V | | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | | 7.02E-09 | 8.44E-06 | | 4.65E-03 | 3.20E-04 | 4.91E-05 | 2.47E-04 | 3.90E-05 | 0.02 | 8.19E-04 | 5.38E-03 | 3.74E-05 | 2.63E-04 | 6.78E-04 | 5.85E-03 | 0.01 | 5.38E-03 | 3.92E-04 | 5.61E-05 | 4.56E-03 | 2.06E-03 |
| 166 | Primary School OO | 675474.8 | 4863221.7 | | | 2.29E-05 | 0.03 | | 15.17 | 1.05 | 0.16 | 0.81 | 0.13 | 58.39 | 2.67 | 17.55 | 0.12 | 0.86 | 2.21 | 19.08 | 33.24 | 17.57 | 1.28 | 0.18 | 14.88 | 6.72 |
| 167 | Primary School PP | 672441.8 | 4858748.6 | | | 9.94E-06 | 0.01 | | 6.59 | 0.45 | 0.07 | 0.35 | 0.06 | 25.35 | 1.16 | 7.62 | 0.05 | 0.37 | 0.96 | 8.29 | 14.44 | 7.63 | 0.56 | 0.08 | 6.46 | 2.92 |
| 168 | Primary School QQ | 672796.8 | 4864438.2 | | | 1.57E-05 | 0.02 | | 10.40 | 0.72 | 0.11 | 0.55 | 0.09 | 40.01 | 1.83 | 12.03 | 0.08 | 0.59 | 1.52 | 13.08 | 22.78 | 12.04 | 0.88 | 0.13 | 10.20 | 4.60 |
| 169 | Primary School RR | 671351.4 | 4863284.0 | | | 1.78E-05 | 0.02 | | 11.80 | 0.81 | 0.12 | 0.63 | 0.10 | 45.40 | 2.08 | 13.65 | 0.09 | 0.67 | 1.72 | 14.84 | 25.85 | 13.66 | 0.99 | 0.14 | 11.57 | 5.22 |
| 170 | Primary School SS | 673213.9 | 4862125.5 | | | 1.95E-05 | 0.02 | | 12.94 | 0.89 | 0.14 | 0.69 | 0.11 | 49.82 | 2.28 | 14.98 | 0.10 | 0.73 | 1.89 | 16.28 | 28.36 | 14.99 | 1.09 | 0.16 | 12.70 | 5.73 |
| 171 | Primary School TT | 671017.9 | 4860953.7 | | | 1.41E-05 | 0.02 | | 9.35 | 0.64 | 0.10 | 0.50 | 0.08 | 35.99 | 1.65 | 10.82 | 0.08 | 0.53 | 1.36 | 11.76 | 20.49 | 10.83 | 0.79 | 0.11 | 9.17 | 4.14 |
| 172 | Primary School UU | 670991.0 | 4861089.8 | | | 1.45E-05 | 0.02 | | 9.61 | 0.66 | 0.10 | 0.51 | 0.08 | 36.98 | 1.69 | 11.12 | 0.08 | 0.54 | 1.40 | 12.08 | 21.05 | 11.13 | 0.81 | 0.12 | 9.43 | 4.25 |
| 173 | Primary School VV | 674150.1 | 4862294.8 | | | 2.76E-05 | 0.03 | | 18.27 | 1.26 | 0.19 | 0.97 | 0.15 | 70.32 | 3.22 | 21.14 | 0.15 | 1.03 | 2.66 | 22.98 | 40.04 | 21.16 | 1.54 | 0.22 | 17.93 | 8.09 |
| 174 | Primary School WW | 672005.2 | 4861707.9 | | | 1.45E-05 | 0.02 | | 9.58 | 0.66 | 0.10 | 0.51 | 0.08 | 36.87 | 1.69 | 11.08 | 0.08 | 0.54 | 1.40 | 12.05 | 20.99 | 11.09 | 0.81 | 0.12 | 9.40 | 4.24 |
| 175 | Primary School XX | 684172.1 | 4863615.6 | | | 3.83E-05 | 0.04 | | 25.39 | 1.75 | 0.27 | 1.35 | 0.21 | 97.71 | 4.47 | 29.38 | 0.20 | 1.44 | 3.70 | 31.93 | 55.63 | 29.40 | 2.14 | 0.31 | 24.91 | 11.24 |
| 176 | Primary School YY | 683923.3 | 4866636.4 | | | 2.21E-05 | 0.02 | | 14.66 | 1.01 | 0.15 | 0.78 | 0.12 | 56.44 | 2.58 | 16.97 | 0.12 | 0.83 | 2.14 | 18.45 | 32.14 | 16.98 | 1.24 | 0.18 | 14.39 | 6.49 |
| 177 | Primary School ZZ | 680446.0 | 4865770.5 | | | 1.91E-05 | 0.02 | | 12.67 | 0.87 | 0.13 | 0.67 | 0.11 | 48.77 | 2.23 | 14.66 | 0.10 | 0.72 | 1.85 | 15.94 | 27.77 | 14.68 | 1.07 | 0.15 | 12.43 | 5.61 |
| 178 | Vacant School | 685612.9 | 4864520.0 | | | 2.42E-05 | 0.03 | | 16.02 | 1.10 | 0.17 | 0.85 | 0.13 | 61.66 | 2.82 | 18.54 | 0.13 | 0.91 | 2.33 | 20.15 | 35.11 | 18.56 | 1.35 | 0.19 | 15.72 | 7.09 |
| 179 | Secondary School A | 686291.4 | 4865064.3 | | | 2.12E-05 | 0.02 | | 14.02 | 0.97 | 0.15 | 0.75 | 0.12 | 53.96 | 2.47 | 16.22 | 0.11 | 0.79 | 2.04 | 17.63 | 30.72 | 16.24 | 1.18 | 0.17 | 13.75 | 6.21 |
| 180 | Secondary School B | 683875.0 | 4864741.7 | | | 3.29E-05 | 0.04 | | 21.77 | 1.50 | 0.23 | 1.16 | 0.18 | 83.79 | 3.83 | 25.19 | 0.18 | 1.23 | 3.17 | 27.38 | 47.71 | 25.21 | 1.84 | 0.26 | 21.36 | 9.64 |
| 181 | Secondary School C | 684650.3 | 4866460.3 | | | 2.27E-05 | 0.03 | | 15.04 | 1.04 | 0.16 | 0.80 | 0.13 | 57.91 | 2.65 | 17.41 | 0.12 | 0.85 | 2.19 | 18.92 | 32.97 | 17.42 | 1.27 | 0.18 | 14.76 | 6.66 |
| 182 | Secondary School D | 678099.5 | 4864838.2 | | | 2.01E-05 | 0.02 | | 13.30 | 0.92 | 0.14 | 0.71 | 0.11 | 51.19 | 2.34 | 15.39 | 0.11 | 0.75 | 1.94 | 16.73 | 29.15 | 15.40 | 1.12 | 0.16 | 13.05 | 5.89 |
| 183 | Secondary School E | 678467.0 | 4863431.2 | | | 2.77E-05 | 0.03 | | 18.37 | 1.27 | 0.19 | 0.98 | 0.15 | 70.71 | 3.23 | 21.26 | 0.15 | 1.04 | 2.68 | 23.11 | 40.26 | 21.28 | 1.55 | 0.22 | 18.02 | 8.13 |
| 184 | Secondary School F | 674144.9 | 4862762.7 | | | 2.86E-05 | 0.03 | | 18.94 | 1.31 | 0.20 | 1.01 | 0.16 | 72.90 | 3.34 | 21.92 | 0.15 | 1.07 | 2.76 | 23.82 | 41.51 | 21.94 | 1.60 | 0.23 | 18.58 | 8.38 |
| 185 | Secondary School G | 673816.0 | 4864357.1 | | | 1.55E-05 | 0.02 | | 10.30 | 0.71 | 0.11 | 0.55 | 0.09 | 39.64 | 1.81 | 11.92 | 0.08 | 0.58 | 1.50 | 12.95 | 22.57 | 11.93 | 0.87 | 0.12 | 10.10 | 4.56 |
| 186 | Secondary School H | 673145.4 | 4858569.0 | | | 1.10E-05 | 0.01 | | 7.28 | 0.50 | 0.08 | 0.39 | 0.06 | 28.04 | 1.28 | 8.43 | 0.06 | 0.41 | 1.06 | 9.16 | 15.96 | 8.44 | 0.61 | 0.09 | 7.15 | 3.22 |
| 187 | Secondary School I | 671291.7 | 4863581.3 | | | 1.81E-05 | 0.02 | | 12.01 | 0.83 | 0.13 | 0.64 | 0.10 | 46.21 | 2.11 | 13.89 | 0.10 | 0.68 | 1.75 | 15.10 | 26.31 | 13.91 | 1.01 | 0.14 | 11.78 | 5.31 |
| 188 | Secondary School J | 671443.2 | 4861664.9 | | | 1.38E-05 | 0.02 | | 9.15 | 0.63 | 0.10 | 0.49 | 0.08 | 35.24 | 1.61 | 10.59 | 0.07 | 0.52 | 1.33 | 11.52 | 20.06 | 10.60 | 0.77 | 0.11 | 8.98 | 4.05 |
| 189 | Secondary School K | 673235.3 | 4860885.0 | | | 1.99E-05 | 0.02 | | 13.18 | 0.91 | 0.14 | 0.70 | 0.11 | 50.71 | 2.32 | 15.25 | 0.11 | 0.75 | 1.92 | 16.57 | 28.87 | 15.26 | 1.11 | 0.16 | 12.93 | 5.83 |
| 190 | Secondary School L | 684252.7 | 4866500.5 | | | 2.22E-05 | 0.02 | | 14.71 | 1.01 | 0.16 | 0.78 | 0.12 | 56.62 | 2.59 | 17.02 | 0.12 | 0.83 | 2.14 | 18.50 | 32.24 | 17.04 | 1.24 | 0.18 | 14.43 | 6.51 |
| 191 | Secondary School M | 673914.1 | 4859551.7 | | | 1.46E-05 | 0.02 | | 9.67 | 0.67 | 0.10 | 0.51 | 0.08 | 37.23 | 1.70 | 11.19 | 0.08 | 0.55 | 1.41 | 12.17 | 21.20 | 11.20 | 0.82 | 0.12 | 9.49 | 4.28 |
| 192 | Secondary School N | 675051.5 | 4864177.2 | | | 1.64E-05 | 0.02 | | 10.89 | 0.75 | 0.12 | 0.58 | 0.09 | 41.92 | 1.92 | 12.60 | 0.09 | 0.62 | 1.59 | 13.70 | 23.87 | 12.61 | 0.92 | 0.13 | 10.68 | 4.82 |
| 193 | Adult School | 685276.1 | 4866019.8 | | | 2.38E-05 | 0.03 | | 15.75 | 1.09 | 0.17 | 0.84 | 0.13 | 60.62 | 2.77 | 18.23 | 0.13 | 0.89 | 2.30 | 19.81 | 34.52 | 18.24 | 1.33 | 0.19 | 15.45 | 6.97 |
| 194 | Bow. Valley Cons. 1 | 685356.6 | 4864521.2 | | | 2.64E-05 | 0.03 | | 17.50 | 1.21 | 0.18 | 0.93 | 0.15 | 67.36 | 3.08 | 20.25 | 0.14 | 0.99 | 2.55 | 22.01 | 38.35 | 20.27 | 1.48 | 0.21 | 17.17 | 7.75 |
| 195 | Bow. Valley Cons. 2 | 685627.7 | 4864167.8 | | | 2.15E-05 | 0.02 | | 14.19 | 0.98 | 0.15 | 0.75 | 0.12 | 54.63 | 2.50 | 16.42 | 0.11 | 0.80 | 2.07 | 17.85 | 31.10 | 16.44 | 1.20 | 0.17 | 13.92 | 6.28 |
| 196 | Bow. Valley Cons. 4 | 685852.7 | 4863640.2 | | | 1.87E-05 | 0.02 | | 12.39 | 0.85 | 0.13 | 0.66 | 0.10 | 47.69 | 2.18 | 14.34 | 0.10 | 0.70 | 1.81 | 15.58 | 27.15 | 14.35 | 1.04 | 0.15 | 12.16 | 5.48 |
| 197 | Bow. Valley Cons. 5 | 686163.1 | 4863621.5 | | | 1.64E-05 | 0.02 | | 10.84 | 0.75 | 0.11 | 0.58 | 0.09 | 41.71 | 1.91 | 12.54 | 0.09 | 0.61 | 1.58 | 13.63 | 23.75 | 12.55 | 0.91 | 0.13 | 10.63 | 4.80 |
| 198 | Bow. Valley Cons. 6 | 685931.9 | 4863380.6 | | | 1.69E-05 | 0.02 | | 11.18 | 0.77 | 0.12 | 0.59 | 0.09 | 43.04 | 1.97 | 12.94 | 0.09 | 0.63 | 1.63 | 14.06 | 24.50 | 12.95 | 0.94 | 0.14 | 10.97 | 4.95 |
| 199 | Maple Grove 1 | 681688.5 | 4864717.0 | | | 2.74E-05 | 0.03 | | 18.18 | 1.25 | 0.19 | 0.97 | 0.15 | 69.98 | 3.20 | 21.04 | 0.15 | 1.03 | 2.65 | 22.87 | 39.85 | 21.06 | 1.53 | 0.22 | 17.84 | 8.05 |
| 200 | Maple Grove 2 | 681768.9 | 4864631.8 | | | 2.79E-05 | 0.03 | | 18.51 | 1.28 | 0.20 | 0.98 | 0.16 | 71.25 | 3.26 | 21.42 | 0.15 | 1.05 | 2.70 | 23.28 | 40.57 | 21.44 | 1.56 | 0.22 | 18.16 | 8.19 |
| 201 | Maple Grove 3 | 681894.9 | 4864506.8 | | | 2.86E-05 | 0.03 | | 18.92 | 1.30 | 0.20 | 1.01 | 0.16 | 72.83 | 3.33 | 21.90 | 0.15 | 1.07 | 2.76 | 23.80 | 41.47 | 21.92 | 1.60 | 0.23 | 18.57 | 8.38 |
| 202 | Maple Grove 4 | 681974.8 | 4864443.2 | | | 2.93E-05 | 0.03 | | 19.44 | 1.34 | 0.21 | 1.03 | 0.16 | 74.82 | 3.42 | 22.50 | 0.16 | 1.10 | 2.83 | 24.45 | 42.60 | 22.52 | 1.64 | 0.23 | 19.07 | 8.61 |
| 203 | Maple Grove 5 | 681942.2 | 4864676.7 | | | 2.76E-05 | 0.03 | | 18.26 | 1.26 | 0.19 | 0.97 | 0.15 | 70.27 | 3.22 | 21.13 | 0.15 | 1.03 | 2.66 | 22.97 | 40.01 | 21.15 | 1.54 | 0.22 | 17.91 | 8.08 |
| 204 | Maple Grove 6 | 682053.2 | 4864586.2 | | | 2.86E-05 | 0.03 | | 18.92 | 1.30 | 0.20 | 1.01 | 0.16 | 72.82 | 3.33 | 21.89 | 0.15 | 1.07 | 2.76 | 23.80 | 41.46 | 21.91 | 1.60 | 0.23 | 18.56 | 8.38 |
| 205 | Maple Grove 7 | 682168.5 | 4864631.3 | | | 2.94E-05 | 0.03 | | 19.45 | 1.34 | 0.21 | 1.03 | 0.16 | 74.86 | 3.42 | 22.51 | 0.16 | 1.10 | 2.83 | 24.46 | 42.62 | 22.53 | 1.64 | 0.23 | 19.08 | 8.61 |
| 206 | Maple Grove 8 | 682261.7 | 4864520.9 | | | 3.22E-05 | 0.04 | | 21.35 | 1.47 | | | | | | | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E (m) | UTM N (m) | Contaminant | Chlorinated Polycyclic Aromatics | Dioxins (as TEQ Toxic Equivalents) | Polychlorinated Biphenyls (PCB) | Metals | Aluminium | Antimony | Arsenic | Barium | Beryllium | Boron | Cadmium (Cd) | Cadmium and Thallium (Cd + Th) | Chromium (hexavalent) | Total Chromium (and compounds) | Cobalt | Lead (Pb) | Nickel | Phosphorus | Silver | Selenium | Thallium | Tin | |
|----------|---------------------|--------------|--------------|----------------------------------|----------------------------------|--|---------------------------------|----------|-----------|----------|----------|----------|-----------|----------|--------------|--------------------------------|-----------------------|--------------------------------|----------|-----------|----------|------------|----------|----------|----------|----------|----------|
| | | | | | | P | V | | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| | | | | Vapour (V)/Particulate (P) Phase | | Updated Facility Contaminant Emission Rate (g/s) | | 7.02E-09 | 8.44E-06 | 4.65E-03 | 3.20E-04 | 4.91E-05 | 2.47E-04 | 3.90E-05 | 0.02 | 8.19E-04 | 5.38E-03 | 3.74E-05 | 2.63E-04 | 6.78E-04 | 5.85E-03 | 0.01 | 5.38E-03 | 3.92E-04 | 5.61E-05 | 4.56E-03 | 2.06E-03 |
| 221 | Campground 2 | 678410.2 | 4860148.6 | | | 4.81E-05 | 0.05 | | 31.86 | 2.20 | 0.34 | 1.69 | 0.27 | 122.63 | 5.61 | 36.87 | 0.26 | 1.80 | 4.64 | 40.08 | 69.82 | 36.90 | 2.69 | 0.38 | 31.26 | 14.10 | |
| 222 | Campground 3 | 678651.0 | 4860054.4 | | | 4.66E-05 | 0.05 | | 30.86 | 2.13 | 0.33 | 1.64 | 0.26 | 118.79 | 5.43 | 35.71 | 0.25 | 1.75 | 4.50 | 38.82 | 67.63 | 35.75 | 2.60 | 0.37 | 30.28 | 13.66 | |
| 223 | Campground 4 | 678725.9 | 4859860.7 | | | 5.01E-05 | 0.06 | | 33.17 | 2.29 | 0.35 | 1.76 | 0.28 | 127.68 | 5.84 | 38.39 | 0.27 | 1.88 | 4.83 | 41.73 | 72.70 | 38.42 | 2.80 | 0.40 | 32.55 | 14.69 | |
| 224 | Campground 5 | 678511.1 | 4859808.6 | | | 4.29E-05 | 0.05 | | 28.41 | 1.96 | 0.30 | 1.51 | 0.24 | 109.35 | 5.00 | 32.88 | 0.23 | 1.61 | 4.14 | 35.74 | 62.26 | 32.91 | 2.40 | 0.34 | 27.87 | 12.58 | |
| 225 | Campground 6 | 678869.5 | 4859696.0 | | | 8.25E-05 | 0.09 | | 54.65 | 3.77 | 0.58 | 2.91 | 0.46 | 210.34 | 9.62 | 63.24 | 0.44 | 3.09 | 7.96 | 68.74 | 119.76 | 63.30 | 4.61 | 0.66 | 53.62 | 24.19 | |
| 226 | Campground 7 | 678723.9 | 4860201.8 | | | 5.80E-05 | 0.06 | | 38.43 | 2.65 | 0.41 | 2.04 | 0.32 | 147.93 | 6.77 | 44.48 | 0.31 | 2.18 | 5.60 | 48.34 | 84.23 | 44.51 | 3.24 | 0.46 | 37.71 | 17.01 | |
| 227 | Campground 8 | 678796.0 | 4860011.4 | | | 5.02E-05 | 0.06 | | 33.27 | 2.29 | 0.35 | 1.77 | 0.28 | 128.07 | 5.86 | 38.50 | 0.27 | 1.88 | 4.85 | 41.85 | 72.92 | 38.54 | 2.81 | 0.40 | 32.65 | 14.73 | |
| 228 | Campground 9 | 678852.7 | 4859854.2 | | | 5.77E-05 | 0.06 | | 38.24 | 2.64 | 0.40 | 2.03 | 0.32 | 147.20 | 6.73 | 44.26 | 0.31 | 2.16 | 5.57 | 48.10 | 83.81 | 44.30 | 3.22 | 0.46 | 37.52 | 16.93 | |
| 229 | Solina 1 | 681099.6 | 4861677.2 | | | 1.07E-04 | 0.12 | | 70.65 | 4.87 | 0.75 | 3.76 | 0.59 | 271.92 | 12.44 | 81.75 | 0.57 | 4.00 | 10.30 | 88.86 | 154.82 | 81.83 | 5.96 | 0.85 | 69.31 | 31.27 | |
| 230 | Solina 2 | 681115.7 | 4861857.7 | | | 9.21E-05 | 0.10 | | 61.01 | 4.21 | 0.64 | 3.24 | 0.51 | 234.81 | 10.74 | 70.60 | 0.49 | 3.45 | 8.89 | 76.74 | 133.70 | 70.66 | 5.14 | 0.74 | 59.85 | 27.01 | |
| 231 | Solina 3 | 680987.4 | 4861983.5 | | | 7.32E-05 | 0.08 | | 48.52 | 3.34 | 0.51 | 2.58 | 0.41 | 186.77 | 8.55 | 56.15 | 0.39 | 2.75 | 7.07 | 61.04 | 106.34 | 56.20 | 4.09 | 0.59 | 47.61 | 21.48 | |
| 232 | Solina 4 | 680965.0 | 4862068.1 | | | 6.89E-05 | 0.08 | | 45.64 | 3.15 | 0.48 | 2.43 | 0.38 | 175.65 | 8.04 | 52.81 | 0.37 | 2.58 | 6.65 | 57.40 | 100.01 | 52.86 | 3.85 | 0.55 | 44.77 | 20.20 | |
| 233 | Solina 5 | 681021.5 | 4862086.7 | | | 6.87E-05 | 0.08 | | 45.48 | 3.14 | 0.48 | 2.42 | 0.38 | 175.06 | 8.01 | 52.63 | 0.37 | 2.57 | 6.63 | 57.21 | 99.67 | 52.68 | 3.83 | 0.55 | 44.62 | 20.13 | |
| 234 | Solina 6 | 680939.8 | 4862124.3 | | | 6.71E-05 | 0.07 | | 44.48 | 3.07 | 0.47 | 2.37 | 0.37 | 171.22 | 7.83 | 51.48 | 0.36 | 2.52 | 6.48 | 55.95 | 97.49 | 51.52 | 3.75 | 0.54 | 43.64 | 19.69 | |
| 235 | Solina 7 | 680988.2 | 4862183.6 | | | 6.49E-05 | 0.07 | | 42.96 | 2.96 | 0.45 | 2.29 | 0.36 | 165.37 | 7.57 | 49.72 | 0.35 | 2.43 | 6.26 | 54.04 | 94.16 | 49.76 | 3.62 | 0.52 | 42.15 | 19.02 | |
| 236 | Solina 8 | 680984.6 | 4862209.8 | | | 6.40E-05 | 0.07 | | 42.39 | 2.92 | 0.45 | 2.25 | 0.36 | 163.15 | 7.46 | 49.05 | 0.34 | 2.40 | 6.18 | 53.32 | 92.89 | 49.10 | 3.57 | 0.51 | 41.59 | 18.76 | |
| 237 | Solina 9 | 680958.6 | 4862294.9 | | | 6.20E-05 | 0.07 | | 41.08 | 2.83 | 0.43 | 2.18 | 0.34 | 158.10 | 7.23 | 47.53 | 0.33 | 2.33 | 5.99 | 51.67 | 90.02 | 47.58 | 3.46 | 0.50 | 40.30 | 18.18 | |
| 238 | Solina 10 | 680858.0 | 4862324.3 | | | 6.21E-05 | 0.07 | | 41.15 | 2.84 | 0.43 | 2.19 | 0.34 | 158.38 | 7.25 | 47.62 | 0.33 | 2.33 | 6.00 | 51.76 | 90.18 | 47.66 | 3.47 | 0.50 | 40.37 | 18.22 | |
| 239 | Solina 11 | 680990.3 | 4862403.5 | | | 5.89E-05 | 0.07 | | 38.99 | 2.69 | 0.41 | 2.07 | 0.33 | 150.08 | 6.87 | 45.12 | 0.31 | 2.21 | 5.68 | 49.04 | 85.45 | 45.16 | 3.29 | 0.47 | 38.26 | 17.26 | |
| 240 | Recreational 1 | 681545.0 | 4860865.0 | | | 8.70E-05 | 0.10 | | 57.65 | 3.97 | 0.61 | 3.07 | 0.48 | 221.89 | 10.15 | 66.71 | 0.46 | 3.26 | 8.40 | 72.51 | 126.33 | 66.77 | 4.86 | 0.70 | 56.56 | 25.52 | |
| 241 | Recreational 2 | 681563.7 | 4860687.4 | | | 8.16E-05 | 0.09 | | 54.07 | 3.73 | 0.57 | 2.88 | 0.45 | 208.10 | 9.52 | 62.57 | 0.44 | 3.06 | 7.88 | 68.01 | 118.48 | 62.62 | 4.56 | 0.65 | 53.04 | 23.93 | |
| 242 | Recreational 3 | 681579.7 | 4860610.0 | | | 7.51E-05 | 0.08 | | 49.74 | 3.43 | 0.53 | 2.65 | 0.42 | 191.43 | 8.76 | 57.55 | 0.40 | 2.82 | 7.25 | 62.56 | 108.99 | 57.61 | 4.19 | 0.60 | 48.80 | 22.02 | |
| 243 | Recreational 6 | 681876.6 | 4860254.4 | | | 6.02E-05 | 0.07 | | 39.86 | 2.75 | 0.42 | 2.12 | 0.33 | 153.43 | 7.02 | 46.13 | 0.32 | 2.26 | 5.81 | 50.14 | 87.36 | 46.17 | 3.36 | 0.48 | 39.11 | 17.65 | |
| 244 | Recreational 7 | 682166.9 | 4860324.4 | | | 4.95E-05 | 0.05 | | 32.81 | 2.26 | 0.35 | 1.75 | 0.27 | 126.30 | 5.78 | 37.97 | 0.26 | 1.86 | 4.78 | 41.27 | 71.91 | 38.01 | 2.77 | 0.40 | 32.19 | 14.53 | |
| 245 | Darlington 1 | 679565.4 | 4861052.9 | | | 1.16E-04 | 0.13 | | 76.83 | 5.30 | 0.81 | 4.09 | 0.64 | 295.72 | 13.53 | 88.91 | 0.62 | 4.35 | 11.20 | 96.64 | 168.38 | 88.99 | 6.48 | 0.93 | 75.38 | 34.01 | |
| 246 | Darlington 2 | 679452.9 | 4861051.4 | | | 1.15E-04 | 0.13 | | 76.06 | 5.24 | 0.80 | 4.05 | 0.64 | 292.75 | 13.39 | 88.02 | 0.61 | 4.31 | 11.08 | 95.67 | 166.68 | 88.09 | 6.41 | 0.92 | 74.62 | 33.67 | |
| 247 | Darlington 3 | 679130.5 | 4860948.8 | | | 1.40E-04 | 0.16 | | 92.68 | 6.39 | 0.98 | 4.93 | 0.78 | 356.73 | 16.32 | 107.25 | 0.75 | 5.25 | 13.51 | 116.58 | 203.11 | 107.35 | 7.81 | 1.12 | 90.93 | 41.03 | |
| 248 | Darlington 4 | 679112.6 | 4860941.9 | | | 1.41E-04 | 0.16 | | 93.28 | 6.43 | 0.99 | 4.96 | 0.78 | 359.03 | 16.43 | 107.94 | 0.75 | 5.28 | 13.59 | 117.33 | 204.42 | 108.04 | 7.86 | 1.13 | 91.52 | 41.29 | |
| 249 | Darlington 5 | 679057.6 | 4860994.1 | | | 1.31E-04 | 0.15 | | 86.99 | 6.00 | 0.92 | 4.63 | 0.73 | 334.81 | 15.32 | 100.66 | 0.70 | 4.92 | 12.68 | 109.41 | 190.63 | 100.75 | 7.33 | 1.05 | 85.34 | 38.51 | |
| 250 | Darlington 6 | 679075.2 | 4860931.6 | | | 1.40E-04 | 0.16 | | 92.88 | 6.40 | 0.98 | 4.94 | 0.78 | 357.51 | 16.36 | 107.49 | 0.75 | 5.26 | 13.54 | 116.83 | 203.55 | 107.58 | 7.83 | 1.12 | 91.13 | 41.12 | |
| 251 | Darlington 7 | 678814.3 | 4860843.1 | | | 1.02E-04 | 0.11 | | 67.41 | 4.65 | 0.71 | 3.59 | 0.56 | 259.44 | 11.87 | 78.00 | 0.54 | 3.82 | 9.82 | 84.79 | 147.72 | 78.07 | 5.68 | 0.81 | 66.13 | 29.84 | |
| 252 | Darlington 8 | 678840.4 | 4860777.1 | | | 1.03E-04 | 0.11 | | 67.99 | 4.69 | 0.72 | 3.62 | 0.57 | 261.69 | 11.97 | 78.68 | 0.55 | 3.85 | 9.91 | 85.52 | 149.00 | 78.75 | 5.73 | 0.82 | 66.70 | 30.10 | |
| 253 | Light Ind. 1 | 680000.1 | 4861034.1 | | | 1.26E-04 | 0.14 | | 83.58 | 5.76 | 0.88 | 4.45 | 0.70 | 321.71 | 14.72 | 96.72 | 0.67 | 4.73 | 12.18 | 105.13 | 183.17 | 96.81 | 7.05 | 1.01 | 82.01 | 37.00 | |
| 254 | Light Ind. 2 | 680060.7 | 4861056.4 | | | 1.28E-04 | 0.14 | | 85.02 | 5.86 | 0.90 | 4.52 | 0.71 | 327.26 | 14.97 | 98.39 | 0.68 | 4.81 | 12.39 | 106.95 | 186.33 | 98.48 | 7.17 | 1.03 | 83.42 | 37.64 | |
| 255 | Light Ind. 3 | 680291.2 | 4861151.6 | | | 1.81E-04 | 0.20 | | 119.64 | 8.25 | 1.26 | 6.36 | 1.00 | 460.51 | 21.07 | 138.45 | 0.96 | 6.77 | 17.44 | 150.49 | 262.20 | 138.58 | 10.09 | 1.44 | 117.39 | 52.97 | |
| 256 | Light Ind. 4 | 680536.3 | 4861204.6 | | | 1.27E-04 | 0.14 | | 83.90 | 5.78 | 0.89 | 4.46 | 0.70 | 322.94 | 14.77 | 97.09 | 0.68 | 4.75 | 12.23 | 105.54 | 183.87 | 97.18 | 7.07 | 1.01 | 82.32 | 37.14 | |
| 257 | Light Ind. 5 | 680350.4 | 4861290.6 | | | 1.40E-04 | 0.15 | | 92.90 | 6.40 | 0.98 | 4.94 | 0.78 | 357.57 | 16.36 | 107.50 | 0.75 | 5.26 | 13.54 | 116.85 | 203.59 | 107.60 | 7.83 | 1.12 | 91.14 | 41.13 | |
| 258 | Light Ind. 6 | 680306.9 | 4861275.6 | | | 1.54E-04 | 0.17 | | 101.78 | 7.02 | 1.08 | 5.41 | 0.85 | 391.75 | 17.92 | 117.78 | 0.82 | 5.76 | 14.83 | 128.02 | 223.05 | 117.89 | 8.58 | 1.23 | 99.86 | 45.06 | |
| 259 | Light Ind. 7 | 680267.2 | 4861262.4 | | | 1.63E-04 | 0.18 | | 108.05 | 7.45 | 1.14 | 5.75 | 0.91 | 415.88 | 19.03 | 125.04 | 0.87 | 6.12 | 15.75 | 135.91 | 236.79 | 125.15 | 9.11 | 1.30 | 106.01 | 47.83 | |
| 260 | Light Ind. 8 | 680233.6 | 4861250.7 | | | 1.65E-04 | 0.18 | | 109.16 | 7.52 | 1.15 | 5.81 | 0.91 | 420.14 | 19.22 | 126.32 | 0.88 | 6.18 | 15.91 | 137.30 | 239.21 | 126.43 | 9.20 | 1.32 | 107.09 | 48.32 | |
| 261 | Light Ind. 9 | 680175.3 | 4861227.5 | | | 1.55E-04 | 0.17 | | 102.70 | 7.08 | 1.09 | 5.46 | 0.86 | 395.29 | 18.09 | 118.85 | 0.83 | 5.81 | 14.97 | 129.18 | 225.07 | 118.95 | 8.66 | 1.24 | 100.76 | 45.46 | |
| 262 | Light Ind. 10 | 680092.5 | 4861185.1 | | | 1.26E-04 | 0.14 | | 83.72 | 5.77 | 0.88 | 4.45 | 0.70 | 322.25 | 14.74 | 96.88 | 0.67 | 4.74 | 12.20 | 105.31 | 183.48 | 96.97 | 7.06 | 1.01 | 82.14 | 37.06 | |
| 263 | Light Ind. 11 | 680071.6 | 4861246.6 | | | 1.19E-04 | 0.13 | | 78.75 | 5.43 | 0.83 | 4.19 | 0.66 | 303.13 | 13.87 | 91.14 | 0.63 | 4.46 | 11.48 | 99.06 | 172.59 | 91.22 | 6.64 | 0.95 | 77.27 | 34.86 | |
| 264 | Light Ind. 12 | 680021.4 | 4861186.9 | | | 1.13E-04 | 0.12 | | 74.62 | 5.14 | 0.79 | 3.97 | 0.63 | 287.20 | 13.14 | 86.35 | 0.60 | 4.22 | 10.87 | 93.86 | 163.52 | 86.43 | 6.29 | 0.90 | 73.21 | 33.03 | |
| 265 | Future Industrial 7 | 680816.2 | 4860219.3 | | | 1.71E-04 | 0.19 | | 113.23 | 7.80 | 1.20 | 6.02 | 0.95 | 435.82 | 19.94 | 131.03 | 0.91 | 6.41 | 16.50 | 142.43 | 248.14 | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Dioxins (as TEQ Toxic Equivalents) | Polychlorinated Biphenyls (PCB) | Metals | Aluminum | Antimony | Arsenic | Barium | Beryllium | Boron | Cadmium (Cd) | Cadmium and Thallium (Cd + Th) | Chromium (hexavalent) | Total Chromium (and compounds) | Cobalt | Lead (Pb) | Nickel | Phosphorus | Silver | Selenium | Thallium | Tin | | | |
|----------|----------------------------|----------|-----------|-------------|----------------------------------|--|---------------------------------|--------|----------|----------|---------|--------|-----------|--------|--------------|--------------------------------|-----------------------|--------------------------------|--------|-----------|--------|------------|--------|----------|----------|-------|---|---|---|
| | | (m) | (m) | | | Updated Facility Contaminant Emission Rate (g/s) | P | | V | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 276 | Farmer | 679277.0 | 4859981.5 | | | 8.14E-05 | 0.09 | | 53.95 | 3.72 | 0.57 | 2.87 | 0.45 | 207.64 | 9.50 | 62.43 | 0.43 | 3.05 | 7.86 | 67.86 | 118.22 | 62.48 | 4.55 | 0.65 | 52.93 | 23.88 | | | |
| 277 | Residence | 679387.2 | 4860648.9 | | | 1.55E-04 | 0.17 | | 102.90 | 7.09 | 1.09 | 5.47 | 0.86 | 396.07 | 18.12 | 119.08 | 0.83 | 5.82 | 15.00 | 129.43 | 225.51 | 119.19 | 8.68 | 1.24 | 100.96 | 45.55 | | | |
| 278 | Barn | 679261.9 | 4860574.2 | | | 1.30E-04 | 0.14 | | 85.95 | 5.92 | 0.91 | 4.57 | 0.72 | 330.84 | 15.14 | 99.47 | 0.69 | 4.87 | 12.53 | 108.12 | 188.37 | 99.56 | 7.25 | 1.04 | 84.33 | 38.05 | | | |
| 279 | Residence | 680150.7 | 4861295.7 | | | 1.42E-04 | 0.16 | | 94.22 | 6.49 | 1.00 | 5.01 | 0.79 | 362.67 | 16.59 | 109.04 | 0.76 | 5.33 | 13.73 | 118.52 | 206.49 | 109.13 | 7.94 | 1.14 | 92.44 | 41.71 | | | |
| 280 | Residence | 679939.8 | 4861213.4 | | | 1.04E-04 | 0.12 | | 69.06 | 4.76 | 0.73 | 3.67 | 0.58 | 265.82 | 12.16 | 79.92 | 0.56 | 3.91 | 10.07 | 86.87 | 151.35 | 79.99 | 5.82 | 0.83 | 67.76 | 30.57 | | | |
| 281 | Farmer | 680855.7 | 4861456.9 | | | 1.06E-04 | 0.12 | | 69.97 | 4.82 | 0.74 | 3.72 | 0.59 | 269.31 | 12.32 | 80.97 | 0.56 | 3.96 | 10.20 | 88.01 | 153.34 | 81.04 | 5.90 | 0.84 | 68.65 | 30.97 | | | |
| 282 | Farmer | 681386.2 | 4861673.3 | | | 1.10E-04 | 0.12 | | 73.06 | 5.04 | 0.77 | 3.89 | 0.61 | 281.21 | 12.87 | 84.55 | 0.59 | 4.14 | 10.65 | 91.90 | 160.11 | 84.62 | 6.16 | 0.88 | 71.68 | 32.34 | | | |
| 283 | Residence | 680683.5 | 4861597.9 | | | 8.91E-05 | 0.10 | | 59.00 | 4.07 | 0.62 | 3.14 | 0.49 | 227.08 | 10.39 | 68.27 | 0.47 | 3.34 | 8.60 | 74.21 | 129.29 | 68.33 | 4.97 | 0.71 | 57.88 | 26.12 | | | |
| 284 | Business | 680064.3 | 4861343.7 | | | 1.15E-04 | 0.13 | | 76.10 | 5.25 | 0.80 | 4.05 | 0.64 | 292.92 | 13.40 | 88.07 | 0.61 | 4.31 | 11.09 | 95.73 | 166.78 | 88.15 | 6.42 | 0.92 | 74.67 | 33.69 | | | |
| 285 | Farmer | 679680.1 | 4861213.5 | | | 1.13E-04 | 0.13 | | 75.07 | 5.17 | 0.79 | 3.99 | 0.63 | 288.95 | 13.22 | 86.87 | 0.60 | 4.25 | 10.94 | 94.43 | 164.52 | 86.95 | 6.33 | 0.91 | 73.65 | 33.23 | | | |
| 286 | Farmer | 681344.8 | 4861792.9 | | | 9.78E-05 | 0.11 | | 64.79 | 4.47 | 0.68 | 3.45 | 0.54 | 249.38 | 11.41 | 74.98 | 0.52 | 3.67 | 9.44 | 81.50 | 141.99 | 75.04 | 5.46 | 0.78 | 63.57 | 28.68 | | | |
| 287 | Youth Centre | 685644.2 | 4864814.8 | | | 2.52E-05 | 0.03 | | 16.70 | 1.15 | 0.18 | 0.89 | 0.14 | 64.29 | 2.94 | 19.33 | 0.13 | 0.95 | 2.43 | 21.01 | 36.60 | 19.35 | 1.41 | 0.20 | 16.39 | 7.39 | | | |
| 288 | Bowmanville Arena | 685462.9 | 4864615.2 | | | 2.61E-05 | 0.03 | | 17.31 | 1.19 | 0.18 | 0.92 | 0.15 | 66.62 | 3.05 | 20.03 | 0.14 | 0.98 | 2.52 | 21.77 | 37.93 | 20.05 | 1.46 | 0.21 | 16.98 | 7.66 | | | |
| 289 | Bowmanville Rec Complex | 684160.3 | 4864604.5 | | | 3.31E-05 | 0.04 | | 21.92 | 1.51 | 0.23 | 1.17 | 0.18 | 84.39 | 3.86 | 25.37 | 0.18 | 1.24 | 3.20 | 27.58 | 48.05 | 25.39 | 1.85 | 0.26 | 21.51 | 9.71 | | | |
| 290 | Recreation Complex | 684586.6 | 4862406.3 | | | 2.31E-05 | 0.03 | | 15.31 | 1.06 | 0.16 | 0.81 | 0.13 | 58.92 | 2.70 | 17.71 | 0.12 | 0.87 | 2.23 | 19.25 | 33.54 | 17.73 | 1.29 | 0.18 | 15.02 | 6.78 | | | |
| 291 | Superdog Central | 681487.7 | 4865723.3 | | | 2.11E-05 | 0.02 | | 13.96 | 0.96 | 0.15 | 0.74 | 0.12 | 53.73 | 2.46 | 16.16 | 0.11 | 0.79 | 2.03 | 17.56 | 30.59 | 16.17 | 1.18 | 0.17 | 13.70 | 6.18 | | | |
| 292 | Equestrian Centre | 681567.1 | 4863670.7 | | | 3.54E-05 | 0.04 | | 23.44 | 1.62 | 0.25 | 1.25 | 0.20 | 90.21 | 4.13 | 27.12 | 0.19 | 1.33 | 3.42 | 29.48 | 51.36 | 27.15 | 1.98 | 0.28 | 23.00 | 10.38 | | | |
| 293 | Flea Market | 678574.6 | 4862819.4 | | | 3.29E-05 | 0.04 | | 21.79 | 1.50 | 0.23 | 1.16 | 0.18 | 83.85 | 3.84 | 25.21 | 0.18 | 1.23 | 3.18 | 27.40 | 47.74 | 25.23 | 1.84 | 0.26 | 21.37 | 9.64 | | | |
| 294 | Equestrian Centre | 680030.8 | 4867320.2 | | | 1.40E-05 | 0.02 | | 9.26 | 0.64 | 0.10 | 0.49 | 0.08 | 35.63 | 1.63 | 10.71 | 0.07 | 0.52 | 1.35 | 11.65 | 20.29 | 10.72 | 0.78 | 0.11 | 9.08 | 4.10 | | | |
| 295 | Courtice Community Complex | 678099.3 | 4864629.8 | | | 2.05E-05 | 0.02 | | 13.56 | 0.94 | 0.14 | 0.72 | 0.11 | 52.21 | 2.39 | 15.70 | 0.11 | 0.77 | 1.98 | 17.06 | 29.73 | 15.71 | 1.14 | 0.16 | 13.31 | 6.00 | | | |
| 296 | Former Restaurant | 679830.2 | 4860702.2 | | | 2.46E-04 | 0.27 | | 162.91 | 11.23 | 1.72 | 8.67 | 1.37 | 627.06 | 28.69 | 188.53 | 1.31 | 9.22 | 23.74 | 204.92 | 357.03 | 188.70 | 13.74 | 1.97 | 159.84 | 72.12 | | | |
| 297 | Commercial | 679364.8 | 4861016.0 | | | 1.23E-04 | 0.14 | | 81.36 | 5.61 | 0.86 | 4.33 | 0.68 | 313.15 | 14.33 | 94.15 | 0.65 | 4.61 | 11.86 | 102.34 | 178.30 | 94.23 | 6.86 | 0.98 | 79.82 | 36.02 | | | |
| 298 | GM Oshawa Headquarters | 676418.3 | 4860463.7 | | | 3.36E-05 | 0.04 | | 22.26 | 1.53 | 0.24 | 1.18 | 0.19 | 85.67 | 3.92 | 25.76 | 0.18 | 1.26 | 3.24 | 28.00 | 48.78 | 25.78 | 1.88 | 0.27 | 21.84 | 9.85 | | | |
| 299 | Farm A? | 682972.3 | 4862201.9 | | | 4.75E-05 | 0.05 | | 31.46 | 2.17 | 0.33 | 1.67 | 0.26 | 121.09 | 5.54 | 36.41 | 0.25 | 1.78 | 4.59 | 39.57 | 68.94 | 36.44 | 2.65 | 0.38 | 30.87 | 13.93 | | | |
| 300 | Farm B? | 683546.9 | 4861959.7 | | | 3.18E-05 | 0.04 | | 21.06 | 1.45 | 0.22 | 1.12 | 0.18 | 81.06 | 3.71 | 24.37 | 0.17 | 1.19 | 3.07 | 26.49 | 46.15 | 24.39 | 1.78 | 0.25 | 20.66 | 9.32 | | | |
| 301 | Farm C? | 682547.5 | 4862321.1 | | | 6.84E-05 | 0.08 | | 45.29 | 3.12 | 0.48 | 2.41 | 0.38 | 174.31 | 7.97 | 52.41 | 0.36 | 2.56 | 6.60 | 56.96 | 99.24 | 52.45 | 3.82 | 0.55 | 44.43 | 20.05 | | | |
| 302 | Farm D? | 683238.3 | 4862393.3 | | | 4.24E-05 | 0.05 | | 28.06 | 1.93 | 0.30 | 1.49 | 0.24 | 108.02 | 4.94 | 32.48 | 0.23 | 1.59 | 4.09 | 35.30 | 61.50 | 32.51 | 2.37 | 0.34 | 27.53 | 12.42 | | | |
| 303 | Farm E? | 682512.6 | 4862858.0 | | | 5.85E-05 | 0.06 | | 38.77 | 2.67 | 0.41 | 2.06 | 0.32 | 149.23 | 6.83 | 44.87 | 0.31 | 2.19 | 5.65 | 48.77 | 84.97 | 44.91 | 3.27 | 0.47 | 38.04 | 17.16 | | | |
| 304 | Farm F? | 683129.1 | 4863649.4 | | | 4.49E-05 | 0.05 | | 29.77 | 2.05 | 0.31 | 1.58 | 0.25 | 114.57 | 5.24 | 34.44 | 0.24 | 1.68 | 4.34 | 37.44 | 65.23 | 34.48 | 2.51 | 0.36 | 29.20 | 13.18 | | | |
| 305 | Bennett 1 | 688209.3 | 4862512.1 | | | 1.00E-05 | 0.01 | | 6.63 | 0.46 | 0.07 | 0.35 | 0.06 | 25.52 | 1.17 | 7.67 | 0.05 | 0.38 | 0.97 | 8.34 | 14.53 | 7.68 | 0.56 | 0.08 | 6.51 | 2.94 | | | |
| 306 | Bennett 2 | 687990.0 | 4863221.3 | | | 1.10E-05 | 0.01 | | 7.30 | 0.50 | 0.08 | 0.39 | 0.06 | 28.08 | 1.28 | 8.44 | 0.06 | 0.41 | 1.06 | 9.18 | 15.99 | 8.45 | 0.62 | 0.09 | 7.16 | 3.23 | | | |
| 307 | Bennett 3 | 688818.4 | 4862836.3 | | | 9.47E-06 | 0.01 | | 6.27 | 0.43 | 0.07 | 0.33 | 0.05 | 24.15 | 1.10 | 7.26 | 0.05 | 0.36 | 0.91 | 7.89 | 13.75 | 7.27 | 0.53 | 0.08 | 6.16 | 2.78 | | | |
| 308 | Bennett 4 | 689045.1 | 4863365.5 | | | 9.60E-06 | 0.01 | | 6.36 | 0.44 | 0.07 | 0.34 | 0.05 | 24.47 | 1.12 | 7.36 | 0.05 | 0.36 | 0.93 | 8.00 | 13.93 | 7.36 | 0.54 | 0.08 | 6.24 | 2.81 | | | |
| 309 | Bennett 5 | 688270.5 | 4863763.1 | | | 1.17E-05 | 0.01 | | 7.78 | 0.54 | 0.08 | 0.41 | 0.07 | 29.94 | 1.37 | 9.00 | 0.06 | 0.44 | 1.13 | 9.78 | 17.04 | 9.01 | 0.66 | 0.09 | 7.63 | 3.44 | | | |
| 310 | Bennett 6 | 689908.5 | 4863100.5 | | | 8.20E-06 | 9.14E-03 | | 5.43 | 0.37 | 0.06 | 0.29 | 0.05 | 20.92 | 0.96 | 6.29 | 0.04 | 0.31 | 0.79 | 6.84 | 11.91 | 6.29 | 0.46 | 0.07 | 5.33 | 2.41 | | | |
| 311 | Bennett 7 | 688929.9 | 4864392.0 | | | 1.12E-05 | 0.01 | | 7.41 | 0.51 | 0.08 | 0.39 | 0.06 | 28.51 | 1.30 | 8.57 | 0.06 | 0.42 | 1.08 | 9.32 | 16.23 | 8.58 | 0.62 | 0.09 | 7.27 | 3.28 | | | |
| 312 | Bennett 8 | 689684.2 | 4863837.7 | | | 9.27E-06 | 0.01 | | 6.14 | 0.42 | 0.06 | 0.33 | 0.05 | 23.65 | 1.08 | 7.11 | 0.05 | 0.35 | 0.90 | 7.73 | 13.47 | 7.12 | 0.52 | 0.07 | 6.03 | 2.72 | | | |
| 313 | Soper 1 | 687557.9 | 4862512.4 | | | 1.13E-05 | 0.01 | | 7.47 | 0.52 | 0.08 | 0.40 | 0.06 | 28.77 | 1.32 | 8.65 | 0.06 | 0.42 | 1.09 | 9.40 | 16.38 | 8.66 | 0.63 | 0.09 | 7.33 | 3.31 | | | |
| 314 | Soper 2 | 687241.9 | 4863171.7 | | | 1.27E-05 | 0.01 | | 8.42 | 0.58 | 0.09 | 0.45 | 0.07 | 32.42 | 1.48 | 9.75 | 0.07 | 0.48 | 1.23 | 10.59 | 18.46 | 9.75 | 0.71 | 0.10 | 8.26 | 3.73 | | | |
| 315 | Soper 3 | 687023.2 | 4863903.8 | | | 1.38E-05 | 0.02 | | 9.16 | 0.63 | 0.10 | 0.49 | 0.08 | 35.26 | 1.61 | 10.60 | 0.07 | 0.52 | 1.34 | 11.52 | 20.08 | 10.61 | 0.77 | 0.11 | 8.99 | 4.06 | | | |
| 316 | Soper 4 | 688158.2 | 4865389.3 | | | 1.32E-05 | 0.01 | | 8.71 | 0.60 | 0.09 | 0.46 | 0.07 | 33.53 | 1.53 | 10.08 | 0.07 | 0.49 | 1.27 | 10.96 | 19.09 | 10.09 | 0.73 | 0.11 | 8.55 | 3.86 | | | |
| 317 | Soper 5 | 685027.3 | 4868253.9 | | | 1.73E-05 | 0.02 | | 11.47 | 0.79 | 0.12 | 0.61 | 0.10 | 44.15 | 2.02 | 13.27 | 0.09</ | | | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Dioxins (as TEQ Toxic Equivalents) | Polychlorinated Biphenyls (PCB) | Metals | Aluminum | Antimony | Arsenic | Barium | Beryllium | Boron | Cadmium (Cd) | Cadmium and Thallium (Cd + Th) | Chromium (hexavalent) | Total Chromium (and compounds) | Cobalt | Lead (Pb) | Nickel | Phosphorus | Silver | Selenium | Thallium | Tin | | |
|----------|------------------|----------|-----------|--|----------------------------------|------------------------------------|---------------------------------|--------|----------|----------|----------|----------|-----------|--------|--------------|--------------------------------|-----------------------|--------------------------------|----------|-----------|--------|------------|----------|----------|----------|----------|---|---|
| | | | | Vapour (V)/Particulate (P) Phase | | P | V | | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| | | | | Updated Facility Contaminant Emission Rate (g/s) | | 7.02E-09 | 8.44E-06 | | 4.65E-03 | 3.20E-04 | 4.91E-05 | 2.47E-04 | 3.90E-05 | 0.02 | 8.19E-04 | 5.38E-03 | 3.74E-05 | 2.63E-04 | 6.78E-04 | 5.85E-03 | 0.01 | 5.38E-03 | 3.92E-04 | 5.61E-05 | 4.56E-03 | 2.06E-03 | | |
| 331 | Upper Tooley 4 | 678898.8 | 4861800.6 | | | 6.48E-05 | 0.07 | | 42.96 | 2.96 | 0.45 | 2.28 | 0.36 | 165.34 | 7.56 | 49.71 | 0.35 | 2.43 | 6.26 | 54.03 | 94.14 | 49.75 | 3.62 | 0.52 | 42.14 | 19.02 | | |
| 332 | Upper Tooley 5 | 680353.5 | 4862156.5 | | | 6.22E-05 | 0.07 | | 41.23 | 2.84 | 0.44 | 2.19 | 0.35 | 158.70 | 7.26 | 47.71 | 0.33 | 2.33 | 6.01 | 51.86 | 90.36 | 47.75 | 3.48 | 0.50 | 40.45 | 18.25 | | |
| 333 | Upper Tooley 6 | 679818.1 | 4861625.7 | | | 7.35E-05 | 0.08 | | 48.72 | 3.36 | 0.51 | 2.59 | 0.41 | 187.54 | 8.58 | 56.38 | 0.39 | 2.76 | 7.10 | 61.29 | 106.78 | 56.43 | 4.11 | 0.59 | 47.80 | 21.57 | | |
| 334 | Robinson 1 | 678434.8 | 4860943.1 | | | 8.02E-05 | 0.09 | | 53.16 | 3.66 | 0.56 | 2.83 | 0.45 | 204.60 | 9.36 | 61.51 | 0.43 | 3.01 | 7.75 | 66.86 | 116.49 | 61.57 | 4.48 | 0.64 | 52.15 | 23.53 | | |
| 335 | Robinson 2 | 677752.6 | 4861240.6 | | | 6.46E-05 | 0.07 | | 42.78 | 2.95 | 0.45 | 2.28 | 0.36 | 164.66 | 7.53 | 49.50 | 0.34 | 2.42 | 6.23 | 53.81 | 93.75 | 49.55 | 3.61 | 0.52 | 41.97 | 18.94 | | |
| 336 | Robinson 3 | 677642.2 | 4861787.2 | | | 5.47E-05 | 0.06 | | 36.24 | 2.50 | 0.38 | 1.93 | 0.30 | 139.48 | 6.38 | 41.94 | 0.29 | 2.05 | 5.28 | 45.58 | 79.42 | 41.97 | 3.06 | 0.44 | 35.55 | 16.04 | | |
| 337 | Robinson 4 | 678532.7 | 4862143.6 | | | 5.59E-05 | 0.06 | | 37.04 | 2.55 | 0.39 | 1.97 | 0.31 | 142.55 | 6.52 | 42.86 | 0.30 | 2.10 | 5.40 | 46.59 | 81.16 | 42.90 | 3.12 | 0.45 | 36.34 | 16.40 | | |
| 338 | Robinson 5 | 678005.1 | 4862784.9 | | | 4.42E-05 | 0.05 | | 29.31 | 2.02 | 0.31 | 1.56 | 0.25 | 112.83 | 5.16 | 33.92 | 0.24 | 1.66 | 4.27 | 36.87 | 64.24 | 33.95 | 2.47 | 0.35 | 28.76 | 12.98 | | |
| 339 | Robinson 6 | 677882.7 | 4860587.7 | | | 5.64E-05 | 0.06 | | 37.35 | 2.57 | 0.39 | 1.99 | 0.31 | 143.75 | 6.58 | 43.22 | 0.30 | 2.11 | 5.44 | 46.98 | 81.85 | 43.26 | 3.15 | 0.45 | 36.64 | 16.53 | | |
| 340 | F/B 1 | 677443.1 | 4867862.1 | | | 1.38E-05 | 0.02 | | 9.13 | 0.63 | 0.10 | 0.49 | 0.08 | 35.15 | 1.61 | 10.57 | 0.07 | 0.52 | 1.33 | 11.49 | 20.02 | 10.58 | 0.77 | 0.11 | 8.96 | 4.04 | | |
| 341 | F/B 2 | 679667.4 | 4866611.4 | | | 1.87E-05 | 0.02 | | 12.41 | 0.86 | 0.13 | 0.66 | 0.10 | 47.78 | 2.19 | 14.37 | 0.10 | 0.70 | 1.81 | 15.61 | 27.20 | 14.38 | 1.05 | 0.15 | 12.18 | 5.50 | | |
| 342 | F/B 3 | 678655.0 | 4867470.1 | | | 2.02E-05 | 0.02 | | 13.36 | 0.92 | 0.14 | 0.71 | 0.11 | 51.41 | 2.35 | 15.46 | 0.11 | 0.76 | 1.95 | 16.80 | 29.27 | 15.47 | 1.13 | 0.16 | 13.10 | 5.91 | | |
| 343 | F/B 4 | 676191.2 | 4866844.7 | | | 1.16E-05 | 0.01 | | 7.68 | 0.53 | 0.08 | 0.41 | 0.06 | 29.55 | 1.35 | 8.88 | 0.06 | 0.43 | 1.12 | 9.66 | 16.82 | 8.89 | 0.65 | 0.09 | 7.53 | 3.40 | | |
| 344 | F/B 5 | 678273.3 | 4866093.0 | | | 1.89E-05 | 0.02 | | 12.52 | 0.86 | 0.13 | 0.67 | 0.10 | 48.20 | 2.21 | 14.49 | 0.10 | 0.71 | 1.82 | 15.75 | 27.44 | 14.50 | 1.06 | 0.15 | 12.29 | 5.54 | | |
| 345 | F/B 6 | 681241.2 | 4867098.8 | | | 1.59E-05 | 0.02 | | 10.53 | 0.73 | 0.11 | 0.56 | 0.09 | 40.55 | 1.86 | 12.19 | 0.08 | 0.60 | 1.54 | 13.25 | 23.09 | 12.20 | 0.89 | 0.13 | 10.34 | 4.66 | | |
| 346 | F/B 7 | 682165.3 | 4868082.3 | | | 1.49E-05 | 0.02 | | 9.86 | 0.68 | 0.10 | 0.52 | 0.08 | 37.94 | 1.74 | 11.41 | 0.08 | 0.56 | 1.44 | 12.40 | 21.60 | 11.42 | 0.83 | 0.12 | 9.67 | 4.36 | | |
| 347 | F/B 8 | 679366.6 | 4868628.3 | | | 1.37E-05 | 0.02 | | 9.08 | 0.63 | 0.10 | 0.48 | 0.08 | 34.95 | 1.60 | 10.51 | 0.07 | 0.51 | 1.32 | 11.42 | 19.90 | 10.52 | 0.77 | 0.11 | 8.91 | 4.02 | | |
| 348 | F/B 9 | 680310.1 | 4869967.1 | | | 9.51E-06 | 0.01 | | 6.30 | 0.43 | 0.07 | 0.34 | 0.05 | 24.26 | 1.11 | 7.29 | 0.05 | 0.36 | 0.92 | 7.93 | 13.81 | 7.30 | 0.53 | 0.08 | 6.18 | 2.79 | | |
| 349 | F/B 10 | 676487.3 | 4869291.6 | | | 1.03E-05 | 0.01 | | 6.84 | 0.47 | 0.07 | 0.36 | 0.06 | 26.33 | 1.20 | 7.92 | 0.06 | 0.39 | 1.00 | 8.61 | 14.99 | 7.92 | 0.58 | 0.08 | 6.71 | 3.03 | | |
| 350 | F/B 11 | 676851.4 | 4865409.3 | | | 1.47E-05 | 0.02 | | 9.74 | 0.67 | 0.10 | 0.52 | 0.08 | 37.51 | 1.72 | 11.28 | 0.08 | 0.55 | 1.42 | 12.26 | 21.36 | 11.29 | 0.82 | 0.12 | 9.56 | 4.31 | | |
| 351 | F/B 12 | 681153.3 | 4868682.2 | | | 1.29E-05 | 0.01 | | 8.55 | 0.59 | 0.09 | 0.45 | 0.07 | 32.92 | 1.51 | 9.90 | 0.07 | 0.48 | 1.25 | 10.76 | 18.74 | 9.90 | 0.72 | 0.10 | 8.39 | 3.79 | | |
| 352 | F/B 13 | 675416.3 | 4859833.9 | | | 2.01E-05 | 0.02 | | 13.28 | 0.92 | 0.14 | 0.71 | 0.11 | 51.13 | 2.34 | 15.37 | 0.11 | 0.75 | 1.94 | 16.71 | 29.11 | 15.39 | 1.12 | 0.16 | 13.03 | 5.88 | | |
| 353 | Second 1 | 675153.4 | 4860552.8 | | | 2.47E-05 | 0.03 | | 16.35 | 1.13 | 0.17 | 0.87 | 0.14 | 62.95 | 2.88 | 18.93 | 0.13 | 0.93 | 2.38 | 20.57 | 35.84 | 18.94 | 1.38 | 0.20 | 16.05 | 7.24 | | |
| 354 | Second 2 | 675297.5 | 4860891.3 | | | 2.56E-05 | 0.03 | | 16.98 | 1.17 | 0.18 | 0.90 | 0.14 | 65.35 | 2.99 | 19.65 | 0.14 | 0.96 | 2.47 | 21.36 | 37.21 | 19.67 | 1.43 | 0.21 | 16.66 | 7.52 | | |
| 355 | Second 3 | 675647.2 | 4860644.9 | | | 2.87E-05 | 0.03 | | 18.68 | 1.29 | 0.20 | 0.99 | 0.16 | 71.90 | 3.29 | 21.62 | 0.15 | 1.06 | 2.72 | 23.50 | 40.94 | 21.64 | 1.57 | 0.23 | 18.33 | 8.27 | | |
| 356 | Second 4 | 675670.5 | 4860076.5 | | | 2.37E-05 | 0.03 | | 15.71 | 1.08 | 0.17 | 0.84 | 0.13 | 60.48 | 2.77 | 18.18 | 0.13 | 0.89 | 2.29 | 19.77 | 34.44 | 18.20 | 1.32 | 0.19 | 15.42 | 6.96 | | |
| 357 | Second 5 | 676043.3 | 4860319.1 | | | 2.90E-05 | 0.03 | | 19.20 | 1.32 | 0.20 | 1.02 | 0.16 | 73.89 | 3.38 | 22.22 | 0.15 | 1.09 | 2.80 | 24.15 | 42.07 | 22.24 | 1.62 | 0.23 | 18.84 | 8.50 | | |
| 358 | Second 6 | 675923.4 | 4859821.4 | | | 2.17E-05 | 0.02 | | 14.41 | 0.99 | 0.15 | 0.77 | 0.12 | 55.45 | 2.54 | 16.67 | 0.12 | 0.82 | 2.10 | 18.12 | 31.57 | 16.69 | 1.21 | 0.17 | 14.13 | 6.38 | | |
| 359 | McLaughlin Bay 1 | 676714.7 | 4860903.8 | | | 3.65E-05 | 0.04 | | 24.16 | 1.67 | 0.26 | 1.29 | 0.20 | 93.01 | 4.26 | 27.96 | 0.19 | 1.37 | 3.52 | 30.39 | 52.95 | 27.99 | 2.04 | 0.29 | 23.71 | 10.70 | | |
| 360 | McLaughlin Bay 2 | 677310.8 | 4860528.2 | | | 4.54E-05 | 0.05 | | 30.11 | 2.08 | 0.32 | 1.60 | 0.25 | 115.88 | 5.30 | 34.84 | 0.24 | 1.70 | 4.39 | 37.87 | 65.98 | 34.87 | 2.54 | 0.36 | 29.54 | 13.33 | | |
| 361 | McLaughlin Bay 3 | 676563.5 | 4860260.1 | | | 3.23E-05 | 0.04 | | 21.42 | 1.48 | 0.23 | 1.14 | 0.18 | 82.43 | 3.77 | 24.78 | 0.17 | 1.21 | 3.12 | 26.94 | 46.93 | 24.81 | 1.81 | 0.26 | 21.01 | 9.48 | | |
| 362 | McLaughlin Bay 4 | 676699.5 | 4859696.6 | | | 2.44E-05 | 0.03 | | 16.20 | 1.12 | 0.17 | 0.86 | 0.14 | 62.34 | 2.85 | 18.74 | 0.13 | 0.92 | 2.36 | 20.37 | 35.49 | 18.76 | 1.37 | 0.20 | 15.89 | 7.17 | | |
| 363 | McLaughlin Bay 5 | 677560.0 | 4860060.1 | | | 3.49E-05 | 0.04 | | 23.09 | 1.59 | 0.24 | 1.23 | 0.19 | 88.87 | 4.07 | 26.72 | 0.19 | 1.31 | 3.37 | 29.04 | 50.60 | 26.74 | 1.95 | 0.28 | 22.65 | 10.22 | | |
| 364 | McLaughlin Bay 6 | 678204.5 | 4859832.5 | | | 3.61E-05 | 0.04 | | 23.93 | 1.65 | 0.25 | 1.27 | 0.20 | 92.11 | 4.21 | 27.69 | 0.19 | 1.35 | 3.49 | 30.10 | 52.45 | 27.72 | 2.02 | 0.29 | 23.48 | 10.59 | | |
| 365 | Harmony Creek 1 | 674178.3 | 4861024.2 | | | 2.28E-05 | 0.03 | | 15.10 | 1.04 | 0.16 | 0.80 | 0.13 | 58.11 | 2.66 | 17.47 | 0.12 | 0.85 | 2.20 | 18.99 | 33.09 | 17.49 | 1.27 | 0.18 | 14.81 | 6.68 | | |
| 366 | Harmony Creek 2 | 674592.0 | 4862605.3 | | | 3.10E-05 | 0.04 | | 20.55 | 1.42 | 0.22 | 1.09 | 0.17 | 79.09 | 3.62 | 23.78 | 0.17 | 1.16 | 2.99 | 25.85 | 45.03 | 23.80 | 1.73 | 0.25 | 20.16 | 9.10 | | |
| 367 | Harmony Creek 3 | 672863.4 | 4862808.0 | | | 2.26E-05 | 0.03 | | 14.97 | 1.03 | 0.16 | 0.80 | 0.13 | 57.64 | 2.64 | 17.33 | 0.12 | 0.85 | 2.18 | 18.84 | 32.82 | 17.34 | 1.26 | 0.18 | 14.69 | 6.63 | | |
| 368 | Harmony Creek 4 | 675671.6 | 4864469.0 | | | 1.91E-05 | 0.02 | | 12.64 | 0.87 | 0.13 | 0.67 | 0.11 | 48.66 | 2.23 | 14.63 | 0.10 | 0.72 | 1.84 | 15.90 | 27.71 | 14.64 | 1.07 | 0.15 | 12.40 | 5.60 | | |
| 369 | Harmony Creek 5 | 672443.1 | 4864713.0 | | | 1.43E-05 | 0.02 | | 9.51 | 0.66 | 0.10 | 0.51 | 0.08 | 36.59 | 1.67 | 11.00 | 0.08 | 0.54 | 1.39 | 11.96 | 20.83 | 11.01 | 0.80 | 0.11 | 9.33 | 4.21 | | |
| 370 | Harmony Creek 6 | 674830.5 | 4866909.6 | | | 1.48E-05 | 0.02 | | 9.79 | 0.67 | 0.10 | 0.52 | 0.08 | 37.68 | 1.72 | 11.33 | 0.08 | 0.55 | 1.43 | 12.31 | 21.45 | 11.34 | 0.83 | 0.12 | 9.60 | 4.33 | | |
| 371 | Harmony Creek 7 | 675799.9 | 4868594.1 | | | 9.39E-06 | 0.01 | | 6.22 | 0.43 | 0.07 | 0.33 | 0.05 | 23.95 | 1.10 | 7.20 | 0.05 | 0.35 | 0.91 | 7.83 | 13.63 | 7.21 | 0.52 | 0.08 | 6.10 | 2.75 | | |
| 372 | Westside 1 | 686082.6 | 4862776.6 | | | 1.57E-05 | 0.02 | | 10.41 | 0.72 | 0.11 | 0.55 | 0.09 | 40.06 | 1.83 | 12.05 | 0.08 | 0.59 | 1.52 | 13.09 | 22.81 | 12.06 | 0.88 | 0.13 | 10.21 | 4.61 | | |
| 373 | Westside 2 | 685778.7 | 4862137.9 | | | 1.54E-05 | 0.02 | | 10.21 | 0.70 | 0.11 | 0.54 | 0.09 | 39.31 | 1.80 | 11.82 | 0.08 | 0.58 | 1.49 | 12.85 | 22.38 | 11.83 | 0.86 | 0.12 | 10.02 | 4.52 | | |
| 374 | Westside 3 | 685084.2 | 4862827.4 | | | 2.07E-05 | 0.02 | | 13.72 | 0.95 | 0.14 | 0.73 | 0.11 | 52.81 | 2.42 | 15.88 | 0.11 | 0.78 | 2.00 | 17.26 | 30.07 | 15.89 | 1.16 | 0.17 | 13.46 | 6.07 | | |
| 375 | Darlington 1 | 680977.5 | 4865674.4 | | | 2.01E-05 | 0.02 | | 13.34 | 0.92 | 0.14 | 0.71 | 0.11 | 51.36 | 2.35 | 15.44 | 0.11 | 0.76 | 1.94 | 16.78 | 29.24 | 15.46 | 1.13 | 0.16 | 13.09 | 5.91 | | |
| 376 | Darlington 2 | 680913.9 | 4863967.1 | | | 3.04E-05 | 0.03 | | 20.16 | 1.39 | 0.21 | 1.07 | 0.17 | 77.58 | 3.55 | 23.32 | 0.16 | 1.14 | 2.94 | 25.35</ | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Dioxins (as TEQ Toxic Equivalents) | Polychlorinated Biphenyls (PCB) | Metals | Aluminum | Antimony | Arsenic | Barium | Beryllium | Boron | Cadmium (Cd) | Cadmium and Thallium (Cd + Th) | Chromium (hexavalent) | Total Chromium (and compounds) | Cobalt | Lead (Pb) | Nickel | Phosphorus | Silver | Selenium | Thallium | Tin | | |
|----------|-------------------|----------|-----------|--|----------------------------------|------------------------------------|---------------------------------|--------|----------|----------|----------|----------|-----------|--------|--------------|--------------------------------|-----------------------|--------------------------------|----------|-----------|--------|------------|----------|----------|----------|----------|---|---|
| | | | | Vapour (V)/Particulate (P) Phase | | P | V | | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P |
| | | | | Updated Facility Contaminant Emission Rate (g/s) | | 7.02E-09 | 8.44E-06 | | 4.65E-03 | 3.20E-04 | 4.91E-05 | 2.47E-04 | 3.90E-05 | 0.02 | 8.19E-04 | 5.38E-03 | 3.74E-05 | 2.63E-04 | 6.78E-04 | 5.85E-03 | 0.01 | 5.38E-03 | 3.92E-04 | 5.61E-05 | 4.56E-03 | 2.06E-03 | | |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | | 1.79E-05 | 0.02 | | 11.84 | 0.82 | 0.13 | 0.63 | 0.10 | 45.57 | 2.09 | 13.70 | 0.10 | 0.67 | 1.73 | 14.89 | 25.95 | 13.71 | 1.00 | 0.14 | 11.62 | 5.24 | | |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | | 1.46E-05 | 0.02 | | 9.64 | 0.66 | 0.10 | 0.51 | 0.08 | 37.12 | 1.70 | 11.16 | 0.08 | 0.55 | 1.41 | 12.13 | 21.14 | 11.17 | 0.81 | 0.12 | 9.46 | 4.27 | | |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | | 1.81E-05 | 0.02 | | 12.00 | 0.83 | 0.13 | 0.64 | 0.10 | 46.20 | 2.11 | 13.89 | 0.10 | 0.68 | 1.75 | 15.10 | 26.30 | 13.90 | 1.01 | 0.14 | 11.78 | 5.31 | | |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | | 1.27E-05 | 0.01 | | 8.43 | 0.58 | 0.09 | 0.45 | 0.07 | 32.46 | 1.49 | 9.76 | 0.07 | 0.48 | 1.23 | 10.61 | 18.48 | 9.77 | 0.71 | 0.10 | 8.28 | 3.73 | | |
| 390 | Farmer | 677409.8 | 4861051.4 | | | 5.42E-05 | 0.06 | | 35.88 | 2.47 | 0.38 | 1.91 | 0.30 | 138.10 | 6.32 | 41.52 | 0.29 | 2.03 | 5.23 | 45.13 | 78.63 | 41.56 | 3.02 | 0.43 | 35.20 | 15.88 | | |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | | 1.13E-05 | 0.01 | | 7.50 | 0.52 | 0.08 | 0.40 | 0.06 | 28.86 | 1.32 | 8.68 | 0.06 | 0.42 | 1.09 | 9.43 | 16.43 | 8.68 | 0.63 | 0.09 | 7.36 | 3.32 | | |



Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Vanadium | Zinc | Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb) | Mercury | Mercury | Mercury | Chlorinated Monocyclic Aromatics | 1,2-Dichlorobenzene | 1,2,4,5-Tetrachlorobenzene | 1,2,4-Trichlorobenzene | 2,3,4,6-Tetrachlorophenol | 2,4,6-Trichlorophenol | 2,4-Dichlorophenol | Pentachlorophenol | Hexachlorobenzene | Pentachlorobenzene | Polycyclic Organic Matter | Acenaphthylene | Acenaphthene | Anthracene | Benzo(a)anthracene | | | | | | | | | | | | | | | |
|----------|----------------------------|----------|-----------|-------------|----------------------------------|----------|--------|--|---------|---------|---------|----------------------------------|---------------------|----------------------------|------------------------|---------------------------|-----------------------|--------------------|-------------------|-------------------|--------------------|---------------------------|----------------|--------------|------------|--------------------|--|----------|------|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | Vapour (V)/Particulate (P) Phase | P | P | P | V | P | V | V | V | V | V | V | V | V | V |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | Updated Facility Contaminant Emission Rate (g/s) | 1.36E-04 | 0.02 | 0.05 | 3.51E-04 | 1.40E-03 | 2.39E-04 | 6.02E-06 | 6.02E-06 | 2.03E-05 | 6.12E-06 | 1.20E-05 | 2.41E-05 | 6.02E-06 | 1.58E-05 |
| 1 | Campground 10 | 678526.8 | 485996.8 | | | 0.81 | 139.69 | 322.02 | | 1.93 | 8.40 | | 1.32 | 0.03 | 0.03 | 0.11 | 0.03 | 0.07 | 0.13 | 0.03 | 0.09 | | 9.35E-03 | 0.01 | 2.62E-03 | 9.67E-04 | | | | | | | | | | | | | | | |
| 2 | ECO 2 | 675490.4 | 4860360.1 | | | 0.50 | 85.19 | 196.37 | | 1.17 | 5.12 | | 0.81 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | 5.74E-03 | 7.36E-03 | 1.61E-03 | 5.93E-04 | | | | | | | | | | | | | | | |
| 3 | Recreational 5 | 681642.0 | 4860349.3 | | | 1.40 | 239.92 | 553.07 | | 3.31 | 14.43 | | 2.26 | 0.06 | 0.06 | 0.19 | 0.06 | 0.11 | 0.23 | 0.06 | 0.15 | | 0.02 | 0.02 | 4.50E-03 | 1.66E-03 | | | | | | | | | | | | | | | |
| 4 | ECO 4 | 676831.5 | 4859840.9 | | | 0.51 | 86.82 | 200.14 | | 1.19 | 5.22 | | 0.82 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | 5.83E-03 | 7.48E-03 | 1.64E-03 | 6.03E-04 | | | | | | | | | | | | | | | |
| 5 | Bow. Valley Cons. 3 | 685767.2 | 4863879.0 | | | 0.37 | 62.77 | 144.69 | | 0.85 | 3.77 | | 0.59 | 0.01 | 0.01 | 0.05 | 0.02 | 0.03 | 0.06 | 0.01 | 0.04 | | 4.21E-03 | 5.41E-03 | 1.18E-03 | 4.36E-04 | | | | | | | | | | | | | | | |
| 6 | ECO 6 | 679647.8 | 4859989.3 | | | 2.84 | 486.58 | 1121.68 | | 6.72 | 29.26 | | 4.58 | 0.12 | 0.12 | 0.39 | 0.12 | 0.23 | 0.46 | 0.12 | 0.30 | | 0.03 | 0.04 | 9.12E-03 | 3.36E-03 | | | | | | | | | | | | | | | |
| 7 | ECO 7 | 681578.8 | 4862070.1 | | | 1.57 | 268.97 | 620.03 | | 3.71 | 16.17 | | 2.54 | 0.06 | 0.06 | 0.22 | 0.06 | 0.13 | 0.26 | 0.06 | 0.17 | | 0.02 | 0.02 | 5.05E-03 | 1.86E-03 | | | | | | | | | | | | | | | |
| 8 | ECO 8 | 679735.5 | 4861048.6 | | | 2.58 | 442.79 | 1020.74 | | 6.14 | 26.63 | | 4.19 | 0.11 | 0.11 | 0.36 | 0.11 | 0.21 | 0.42 | 0.11 | 0.28 | | 0.03 | 0.04 | 8.33E-03 | 3.07E-03 | | | | | | | | | | | | | | | |
| 9 | ECO 9 | 687219.7 | 4864249.3 | | | 0.26 | 45.19 | 104.18 | | 0.61 | 2.72 | | 0.43 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.04 | 0.01 | 0.03 | | 3.04E-03 | 3.90E-03 | 8.54E-04 | 3.15E-04 | | | | | | | | | | | | | | | |
| 10 | ECO 10 | 686519.0 | 4861987.6 | | | 0.24 | 41.83 | 96.44 | | 0.56 | 2.52 | | 0.40 | 0.01 | 0.01 | 0.03 | 0.01 | 0.02 | 0.04 | 0.01 | 0.03 | | 2.82E-03 | 3.61E-03 | 7.91E-04 | 2.91E-04 | | | | | | | | | | | | | | | |
| 11 | ECO 11 | 679870.4 | 4859737.9 | | | 1.78 | 306.15 | 705.76 | | 4.24 | 18.41 | | 2.89 | 0.07 | 0.07 | 0.25 | 0.07 | 0.15 | 0.29 | 0.07 | 0.19 | | 0.02 | 0.03 | 5.75E-03 | 2.12E-03 | | | | | | | | | | | | | | | |
| 12 | Recreational 4 | 681575.5 | 4860557.7 | | | 1.34 | 230.67 | 531.76 | | 3.17 | 13.87 | | 2.17 | 0.05 | 0.05 | 0.18 | 0.06 | 0.11 | 0.22 | 0.05 | 0.14 | | 0.02 | 0.02 | 4.32E-03 | 1.59E-03 | | | | | | | | | | | | | | | |
| 13 | Future Industrial 9 | 680704.5 | 4859857.8 | | | 2.20 | 377.31 | 869.80 | | 5.23 | 22.69 | | 3.57 | 0.09 | 0.09 | 0.30 | 0.09 | 0.18 | 0.36 | 0.09 | 0.24 | | 0.03 | 0.03 | 7.10E-03 | 2.62E-03 | | | | | | | | | | | | | | | |
| 14 | Future Industrial 10 | 680608.0 | 4860719.6 | | | 4.03 | 692.14 | 1595.56 | | 9.55 | 41.62 | | 6.51 | 0.16 | 0.16 | 0.55 | 0.17 | 0.33 | 0.66 | 0.16 | 0.43 | | 0.05 | 0.06 | 0.01 | 4.77E-03 | | | | | | | | | | | | | | | |
| 15 | Harmony Creek | 673992.4 | 4865641.4 | | | 0.25 | 42.05 | 96.94 | | 0.57 | 2.53 | | 0.41 | 0.01 | 0.01 | 0.03 | 0.01 | 0.02 | 0.04 | 0.01 | 0.03 | | 2.90E-03 | 3.72E-03 | 8.14E-04 | 3.00E-04 | | | | | | | | | | | | | | | |
| 16 | Farewell Creek | 678079.2 | 4868822.7 | | | 0.29 | 50.30 | 115.96 | | 0.68 | 3.03 | | 0.49 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.05 | 0.01 | 0.03 | | 3.47E-03 | 4.45E-03 | 9.74E-04 | 3.59E-04 | | | | | | | | | | | | | | | |
| 17 | Farmer | 681378.6 | 4860335.0 | | | 1.83 | 313.40 | 722.47 | | 4.33 | 18.85 | | 2.95 | 0.07 | 0.07 | 0.25 | 0.08 | 0.15 | 0.30 | 0.07 | 0.20 | | 0.02 | 0.03 | 5.88E-03 | 2.17E-03 | | | | | | | | | | | | | | | |
| 18 | Watson Farm | 682883.4 | 4864219.7 | | | 0.67 | 114.16 | 263.16 | | 1.55 | 6.87 | | 1.08 | 0.03 | 0.03 | 0.09 | 0.03 | 0.05 | 0.11 | 0.03 | 0.07 | | 7.64E-03 | 9.80E-03 | 2.14E-03 | 7.91E-04 | | | | | | | | | | | | | | | |
| 19 | Racanski Farm | 678929.2 | 4865530.2 | | | 0.50 | 86.29 | 198.91 | | 1.17 | 5.19 | | 0.82 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | 5.84E-03 | 7.49E-03 | 1.64E-03 | 6.04E-04 | | | | | | | | | | | | | | | |
| 20 | Zoo | 687216.8 | 4864835.3 | | | 0.29 | 49.25 | 113.53 | | 0.66 | 2.96 | | 0.47 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.05 | 0.01 | 0.03 | | 3.32E-03 | 4.25E-03 | 9.31E-04 | 3.43E-04 | | | | | | | | | | | | | | | |
| 21 | Cedar Crest Beach | 686652.1 | 4861660.9 | | | 0.24 | 40.79 | 94.03 | | 0.55 | 2.45 | | 0.39 | 9.79E-03 | 9.79E-03 | 0.03 | 9.95E-03 | 0.02 | 0.04 | 9.79E-03 | 0.03 | | 2.76E-03 | 3.54E-03 | 7.74E-04 | 2.85E-04 | | | | | | | | | | | | | | | |
| 22 | Darlington Prov Park Beach | 677844.6 | 4859718.2 | | | 0.60 | 103.29 | 238.11 | | 1.43 | 6.21 | | 0.98 | 0.02 | 0.02 | 0.08 | 0.02 | 0.05 | 0.10 | 0.02 | 0.06 | | 6.93E-03 | 8.88E-03 | 1.94E-03 | 7.16E-04 | | | | | | | | | | | | | | | |
| 23 | OPG 1 | 682258.1 | 4860045.0 | | | 0.82 | 140.66 | 324.25 | | 1.94 | 8.46 | | 1.33 | 0.03 | 0.03 | 0.11 | 0.03 | 0.07 | 0.13 | 0.03 | 0.09 | | 9.43E-03 | 0.01 | 2.65E-03 | 9.75E-04 | | | | | | | | | | | | | | | |
| 24 | OPG 2 | 682551.4 | 4859889.1 | | | 0.66 | 113.03 | 260.56 | | 1.56 | 6.80 | | 1.07 | 0.03 | 0.03 | 0.09 | 0.03 | 0.05 | 0.11 | 0.03 | 0.07 | | 7.58E-03 | 9.72E-03 | 2.13E-03 | 7.84E-04 | | | | | | | | | | | | | | | |
| 25 | OPG 3 | 682824.6 | 4859759.3 | | | 0.53 | 91.62 | 211.21 | | 1.25 | 5.51 | | 0.86 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.09 | 0.02 | 0.06 | | 6.12E-03 | 7.85E-03 | 1.72E-03 | 6.33E-04 | | | | | | | | | | | | | | | |
| 26 | OPG 4 | 683021.6 | 4859937.3 | | | 0.61 | 105.07 | 242.21 | | 1.44 | 6.32 | | 0.99 | 0.03 | 0.03 | 0.08 | 0.03 | 0.05 | 0.10 | 0.03 | 0.07 | | 7.04E-03 | 9.03E-03 | 1.98E-03 | 7.29E-04 | | | | | | | | | | | | | | | |
| 27 | OPG 5 | 683318.2 | 4859677.8 | | | 0.45 | 77.09 | 177.70 | | 1.05 | 4.64 | | 0.73 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.07 | 0.02 | 0.05 | | 5.15E-03 | 6.61E-03 | 1.45E-03 | 5.33E-04 | | | | | | | | | | | | | | | |
| 28 | OPG 6 | 683306.9 | 4860023.0 | | | 0.63 | 108.82 | 250.86 | | 1.49 | 6.54 | | 1.03 | 0.03 | 0.03 | 0.09 | 0.03 | 0.05 | 0.10 | 0.03 | 0.07 | | 7.29E-03 | 9.35E-03 | 2.05E-03 | 7.54E-04 | | | | | | | | | | | | | | | |
| 29 | OPG 7 | 683718.6 | 4859915.8 | | | 0.53 | 91.58 | 211.11 | | 1.25 | 5.51 | | 0.87 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.09 | 0.02 | 0.06 | | 6.14E-03 | 7.88E-03 | 1.72E-03 | 6.35E-04 | | | | | | | | | | | | | | | |
| 30 | OPG 8 | 682702.0 | 4859988.6 | | | 0.73 | 125.08 | 288.34 | | 1.72 | 7.52 | | 1.18 | 0.03 | 0.03 | 0.10 | 0.03 | 0.06 | 0.12 | 0.03 | 0.08 | | 8.38E-03 | 0.01 | 2.35E-03 | 8.67E-04 | | | | | | | | | | | | | | | |
| 31 | OPG 9 | 684347.7 | 4861184.6 | | | 0.42 | 71.86 | 165.66 | | 0.98 | 4.32 | | 0.68 | 0.02 | 0.02 | 0.06 | 0.02 | 0.03 | 0.07 | 0.02 | 0.05 | | 4.82E-03 | 6.19E-03 | 1.35E-03 | 4.99E-04 | | | | | | | | | | | | | | | |
| 32 | OPG 10 | 682157.2 | 4861228.2 | | | 1.23 | 211.79 | 488.22 | | 2.92 | 12.74 | | 2.00 | 0.05 | 0.05 | 0.17 | 0.05 | 0.10 | 0.20 | 0.05 | 0.13 | | 0.01 | 0.02 | 3.97E-03 | 1.46E-03 | | | | | | | | | | | | | | | |
| 33 | St. Mary's 1 | 684557.0 | 4861070.0 | | | 0.42 | 72.02 | 166.03 | | 0.98 | 4.33 | | 0.68 | 0.02 | 0.02 | 0.06 | 0.02 | 0.03 | 0.07 | 0.02 | 0.05 | | 4.83E-03 | 6.20E-03 | 1.36E-03 | 5.00E-04 | | | | | | | | | | | | | | | |
| 34 | St. Mary's 2 | 684657.3 | 4861320.8 | | | 0.38 | 65.48 | 150.96 | | 0.89 | 3.94 | | 0.62 | 0.02 | 0.02 | 0.05 | 0.02 | 0.03 | 0.06 | 0.02 | 0.04 | | 4.40E-03 | 5.64E-03 | 1.23E-03 | 4.55E-04 | | | | | | | | | | | | | | | |
| 35 | St. Mary's 3 | 684905.3 | 4861154.4 | | | 0.38 | 64.52 | 148.74 | | 0.88 | 3.88 | | 0.61 | 0.02 | 0.02 | 0.05 | 0.02 | 0.03 | 0.06 | 0.02 | 0.04 | | 4.33E-03 | 5.56E-03 | 1.22E-03 | 4.48E-04 | | | | | | | | | | | | | | | |
| 36 | Court. Subdivision 1 | 677328.4 | 4862976.1 | | | 0.62 | 106.34 | 245.13 | | 1.46 | 6.39 | | 1.02 | 0.03 | 0.03 | 0.09 | 0.03 | 0.05 | 0.10 | 0.03 | 0.07 | | 7.20E-03 | 9.23E-03 | 2.02E-03 | 7.44E-04 | | | | | | | | | | | | | | | |
| 37 | Court. Subdivision 2 | 676187.9 | 4862611.1 | | | 0.63 | 107.69 | 248.25 | | 1.48 | 6.48 | | 1.03 | 0.03 | 0.03 | 0.09 | 0.03 | 0.05 | 0.10 | 0.03 | 0.07 | | 7.31E-03 | 9.38E-03 | 2.05E-03 | 7.56E-04 | | | | | | | | | | | | | | | |
| 38 | Court. Subdivision 3 | 675974.8 | 4863484.1 | | | 0.41 | 70.60 | 162.76 | | 0.96 | 4.25 | | 0.68 | 0.02 | 0.02 | 0.06 | 0.02 | 0.03 | 0.07 | 0.02 | 0.04 | | 4.81E-03 | 6.17E-03 | 1.35E-03 | 4.98E-04 | | | | | | | | | | | | | | | |
| 39 | Court. Subdivision 4 | 676606.1 | 4863214.1 | | | 0.50 | 85.12 | 196.22 | | 1.16 | 5.12 | | 0.81 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | 5.77E-03 | 7.40E-03 | 1.62E-03 | 5.97E-04 | | | | | | | | | | | | | | | |
| 40 | Court. Subdivision 5 | 676827.1 | 4863591.4 | | | 0.53 | 90.76 | 209.22 | | 1.24 | 5.46 | | 0.87 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.09 | 0.02 | 0.06 | | 6.16E-03 | 7.90E-03 | 1.73E-03 | 6.37E-04 | | | | | | | | | | | | | | | |
| 41 | Court. Subdivision 6 | 677200.4 | 4864074.9 | | | 0.49 | 83.61 | 192.74 | | 1.15 | 5.03 | | 0.80 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | 5.68E-03 | 7.29E-03 | 1.59E-03 | 5.88E-04 | | | | | | | | | | | | | | | |
| 42 | Court. Subdivision 7 | 677719.8 | 4863625.1 | | | 0.50 | 85.02 | 196.00 | | 1.17 | 5.11 | | 0.81 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | 5.76E-03 | 7.39E-03 | 1.62E-03 | 5.96E-04 | | | | | | | | | | | | | | | |
| 43 | Court. Subdivision 8 | 678271.6 | 4864200.6 | | | 0.44 | 75.06 | 173.03 | | 1.03 | 4.51 | | 0.71 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.07 | 0.02 | 0.05 | | 5.05E-03 | 6.47E-03 | 1.42E-03 | 5.22E-04 | | | | | | | | | | | | | | | |
| 44 | Court. Subdivision 9 | 678184.4 | 4863373.6 | | | 0.50 | 85.76 | 197.69 | | 1.18 | 5.16 | | 0.81 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | 5.75E-03 | 7.38E-03 | 1.61E-03 | 5.95E-04 | | | | | | | | | | | | | | | |
| 45 | Court. Subdivision 10 | 677179.7 | 4862499.5 | | | 0.65 | 110.80 | 255.43 | | 1.52 | 6.66 | | 1.06 | 0.03 | 0.03 | 0.09 | 0.03 | 0.05 | 0.11 | 0.03 | 0.07 | | 7.48E-03 | 9.60E-03 | 2.10E-03 | 7.74E-04 | | | | | | | | | | | | | | | |
| 46 | Bow. Subdivision 1 | 683536.7 | 4864215.2 | | | 0.74 | 127.31 | 293.47 | | 1.72 | 7.66 | | 1.20 | 0.03 | 0.03 | 0.10 | 0.03 | 0.06 | 0.12 | 0.03 | 0.08 | | 8.53E-03 | 0.01 | 2.40E-03 | 8.83E-04 | | | | | | | | | | | | | | | |
| 47 | Bow. Subdivision 2 | 683770.0 | 4863915.1 | | | 0.79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Vanadium | Zinc | Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb) | Mercury | Mercury | Mercury | Chlorinated Monocyclic Aromatics | 1,2-Dichlorobenzene | 1,2,4,5-Tetrachlorobenzene | 1,2,4-Trichlorobenzene | 2,3,4,6-Tetrachlorophenol | 2,4,6-Trichlorophenol | 2,4-Dichlorophenol | Pentachlorophenol | Hexachlorobenzene | Pentachlorobenzene | Polycyclic Organic Matter | Acenaphthylene | Acenaphthene | Anthracene | Benzo(a)anthracene | | | | | | | | | | | | | | |
|----------|--------------------------|----------|-----------|-------------|----------------------------------|----------|--------|--|---------|---------|---------|----------------------------------|---------------------|----------------------------|------------------------|---------------------------|-----------------------|--------------------|-------------------|-------------------|--------------------|---------------------------|----------------|--------------|------------|--------------------|--|----------|------|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | Vapour (V)/Particulate (P) Phase | P | P | P | V | P | V | V | V | V | V | V | V | V |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | Updated Facility Contaminant Emission Rate (g/s) | 1.36E-04 | 0.02 | 0.05 | 3.51E-04 | 1.40E-03 | 2.39E-04 | 6.02E-06 | 6.02E-06 | 2.03E-05 | 6.12E-06 | 1.20E-05 | 2.41E-05 | 6.02E-06 |
| 56 | Osh/Court Subdivision 1 | 677396.8 | 4860977.3 | | | 1.04 | 177.65 | 409.54 | | 2.45 | 10.68 | | 1.68 | 0.04 | 0.04 | 0.14 | 0.04 | 0.08 | 0.17 | 0.04 | 0.11 | | 0.01 | 0.02 | 3.35E-03 | 1.23E-03 | | | | | | | | | | | | | | |
| 57 | Osh/Court Subdivision 2 | 676633.5 | 4860816.8 | | | 0.69 | 119.15 | 274.66 | | 1.64 | 7.17 | | 1.13 | 0.03 | 0.03 | 0.10 | 0.03 | 0.06 | 0.11 | 0.03 | 0.07 | | 8.02E-03 | 0.01 | 2.25E-03 | 8.29E-04 | | | | | | | | | | | | | | |
| 58 | Osh/Court Subdivision 3 | 676916.0 | 4861925.0 | | | 0.99 | 170.28 | 392.53 | | 2.35 | 10.24 | | 1.62 | 0.04 | 0.04 | 0.14 | 0.04 | 0.08 | 0.16 | 0.04 | 0.11 | | 0.01 | 0.01 | 3.23E-03 | 1.19E-03 | | | | | | | | | | | | | | |
| 59 | Osh/Court Subdivision 4 | 676730.5 | 4861317.1 | | | 0.82 | 140.08 | 322.91 | | 1.93 | 8.42 | | 1.33 | 0.03 | 0.03 | 0.11 | 0.03 | 0.07 | 0.13 | 0.03 | 0.09 | | 9.45E-03 | 0.01 | 2.65E-03 | 9.78E-04 | | | | | | | | | | | | | | |
| 60 | Osh/Court Subdivision 5 | 676087.2 | 4861392.3 | | | 0.66 | 113.51 | 261.66 | | 1.56 | 6.83 | | 1.08 | 0.03 | 0.03 | 0.09 | 0.03 | 0.05 | 0.11 | 0.03 | 0.07 | | 7.67E-03 | 9.84E-03 | 2.15E-03 | 7.94E-04 | | | | | | | | | | | | | | |
| 61 | Osh/Court Subdivision 6 | 676177.1 | 4861722.2 | | | 0.81 | 138.91 | 320.23 | | 1.91 | 8.35 | | 1.32 | 0.03 | 0.03 | 0.11 | 0.03 | 0.07 | 0.13 | 0.03 | 0.09 | | 9.39E-03 | 0.01 | 2.64E-03 | 9.72E-04 | | | | | | | | | | | | | | |
| 62 | Osh/Court Subdivision 7 | 675670.7 | 4861783.2 | | | 0.69 | 118.23 | 272.54 | | 1.63 | 7.11 | | 1.13 | 0.03 | 0.03 | 0.10 | 0.03 | 0.06 | 0.11 | 0.03 | 0.07 | | 8.02E-03 | 0.01 | 2.25E-03 | 8.29E-04 | | | | | | | | | | | | | | |
| 63 | Osh/Court Subdivision 8 | 676050.8 | 4862055.7 | | | 0.87 | 149.16 | 343.85 | | 2.06 | 8.97 | | 1.43 | 0.04 | 0.04 | 0.12 | 0.04 | 0.07 | 0.14 | 0.04 | 0.09 | | 0.01 | 0.01 | 2.84E-03 | 1.05E-03 | | | | | | | | | | | | | | |
| 64 | Osh/Court Subdivision 9 | 676636.9 | 4862134.3 | | | 0.88 | 150.42 | 346.75 | | 2.07 | 9.05 | | 1.44 | 0.04 | 0.04 | 0.12 | 0.04 | 0.07 | 0.14 | 0.04 | 0.09 | | 0.01 | 0.01 | 2.86E-03 | 1.05E-03 | | | | | | | | | | | | | | |
| 65 | Osh/Court Subdivision 10 | 676571.3 | 4861634.8 | | | 0.91 | 155.41 | 358.26 | | 2.14 | 9.35 | | 1.48 | 0.04 | 0.04 | 0.13 | 0.04 | 0.07 | 0.15 | 0.04 | 0.10 | | 0.01 | 0.01 | 2.95E-03 | 1.09E-03 | | | | | | | | | | | | | | |
| 66 | Bow. Subdivision 11 | 684649.2 | 4863182.7 | | | 0.50 | 85.50 | 197.10 | | 1.17 | 5.14 | | 0.81 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | 5.73E-03 | 7.35E-03 | 1.61E-03 | 5.93E-04 | | | | | | | | | | | | | | |
| 67 | Daycare B | 685172.4 | 4863933.1 | | | 0.47 | 79.81 | 183.98 | | 1.08 | 4.80 | | 0.76 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | 5.36E-03 | 6.88E-03 | 1.51E-03 | 5.55E-04 | | | | | | | | | | | | | | |
| 68 | Daycare C | 685452.0 | 4863104.4 | | | 0.37 | 63.00 | 145.22 | | 0.85 | 3.79 | | 0.60 | 0.01 | 0.01 | 0.05 | 0.02 | 0.03 | 0.06 | 0.01 | 0.04 | | 4.22E-03 | 5.42E-03 | 1.18E-03 | 4.37E-04 | | | | | | | | | | | | | | |
| 69 | Daycare D | 685527.7 | 4864693.3 | | | 0.49 | 84.68 | 195.22 | | 1.15 | 5.09 | | 0.80 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | 5.71E-03 | 7.32E-03 | 1.60E-03 | 5.90E-04 | | | | | | | | | | | | | | |
| 70 | Daycare E | 685735.4 | 4864790.8 | | | 0.46 | 79.70 | 183.72 | | 1.08 | 4.79 | | 0.76 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | 5.37E-03 | 6.89E-03 | 1.51E-03 | 5.56E-04 | | | | | | | | | | | | | | |
| 71 | Daycare F | 685520.3 | 4864854.3 | | | 0.50 | 86.00 | 198.26 | | 1.16 | 5.17 | | 0.82 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | 5.79E-03 | 7.43E-03 | 1.63E-03 | 5.99E-04 | | | | | | | | | | | | | | |
| 72 | Daycare G | 685441.9 | 4864878.0 | | | 0.51 | 87.63 | 202.00 | | 1.18 | 5.27 | | 0.83 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.06 | | 5.90E-03 | 7.57E-03 | 1.66E-03 | 6.11E-04 | | | | | | | | | | | | | | |
| 73 | Daycare H | 686364.8 | 4864707.8 | | | 0.36 | 61.88 | 142.65 | | 0.83 | 3.72 | | 0.59 | 0.01 | 0.01 | 0.05 | 0.02 | 0.03 | 0.06 | 0.01 | 0.04 | | 4.17E-03 | 5.35E-03 | 1.17E-03 | 4.31E-04 | | | | | | | | | | | | | | |
| 74 | Daycare I | 685721.6 | 4865127.3 | | | 0.48 | 82.29 | 189.70 | | 1.11 | 4.95 | | 0.78 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | 5.55E-03 | 7.12E-03 | 1.56E-03 | 5.74E-04 | | | | | | | | | | | | | | |
| 75 | Daycare J | 678256.3 | 4863565.4 | | | 0.50 | 85.37 | 196.80 | | 1.17 | 5.13 | | 0.81 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | 5.73E-03 | 7.35E-03 | 1.61E-03 | 5.93E-04 | | | | | | | | | | | | | | |
| 76 | Daycare K | 677694.1 | 4864043.7 | | | 0.39 | 67.69 | 156.03 | | 0.93 | 4.07 | | 0.64 | 0.02 | 0.02 | 0.05 | 0.02 | 0.03 | 0.06 | 0.02 | 0.04 | | 4.56E-03 | 5.85E-03 | 1.28E-03 | 4.72E-04 | | | | | | | | | | | | | | |
| 77 | Daycare L | 676479.5 | 4862526.2 | | | 0.65 | 110.88 | 255.60 | | 1.52 | 6.67 | | 1.06 | 0.03 | 0.03 | 0.09 | 0.03 | 0.05 | 0.11 | 0.03 | 0.07 | | 7.51E-03 | 9.64E-03 | 2.11E-03 | 7.77E-04 | | | | | | | | | | | | | | |
| 78 | Daycare M | 678320.9 | 4864763.5 | | | 0.42 | 71.88 | 165.70 | | 0.98 | 4.32 | | 0.68 | 0.02 | 0.02 | 0.06 | 0.02 | 0.03 | 0.07 | 0.02 | 0.05 | | 4.84E-03 | 6.21E-03 | 1.36E-03 | 5.01E-04 | | | | | | | | | | | | | | |
| 79 | Daycare N | 678513.4 | 4865058.0 | | | 0.44 | 75.75 | 174.63 | | 1.03 | 4.56 | | 0.72 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.07 | 0.02 | 0.05 | | 5.11E-03 | 6.56E-03 | 1.44E-03 | 5.29E-04 | | | | | | | | | | | | | | |
| 80 | Daycare O | 672788.7 | 4863936.6 | | | 0.37 | 63.29 | 145.90 | | 0.87 | 3.81 | | 0.62 | 0.02 | 0.02 | 0.05 | 0.02 | 0.03 | 0.06 | 0.02 | 0.04 | | 4.43E-03 | 5.68E-03 | 1.24E-03 | 4.58E-04 | | | | | | | | | | | | | | |
| 81 | Daycare P | 673952.8 | 4863592.5 | | | 0.42 | 71.55 | 164.94 | | 0.99 | 4.30 | | 0.70 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.07 | 0.02 | 0.05 | | 4.97E-03 | 6.37E-03 | 1.39E-03 | 5.14E-04 | | | | | | | | | | | | | | |
| 82 | Daycare Q | 671751.8 | 4864887.7 | | | 0.27 | 46.08 | 106.22 | | 0.63 | 2.77 | | 0.46 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.05 | 0.01 | 0.03 | | 3.27E-03 | 4.19E-03 | 9.17E-04 | 3.38E-04 | | | | | | | | | | | | | | |
| 83 | Daycare R | 685714.4 | 4864667.4 | | | 0.46 | 79.11 | 182.36 | | 1.07 | 4.76 | | 0.75 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | 5.33E-03 | 6.84E-03 | 1.50E-03 | 5.51E-04 | | | | | | | | | | | | | | |
| 84 | Daycare S | 684177.9 | 4863618.2 | | | 0.74 | 127.30 | 293.46 | | 1.74 | 7.66 | | 1.21 | 0.03 | 0.03 | 0.10 | 0.03 | 0.06 | 0.12 | 0.03 | 0.08 | | 8.55E-03 | 0.01 | 2.40E-03 | 8.85E-04 | | | | | | | | | | | | | | |
| 85 | Daycare T | 678423.6 | 4864480.4 | | | 0.44 | 76.04 | 175.29 | | 1.04 | 4.57 | | 0.72 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.07 | 0.02 | 0.05 | | 5.12E-03 | 6.56E-03 | 1.44E-03 | 5.29E-04 | | | | | | | | | | | | | | |
| 86 | Daycare U | 685330.5 | 4863435.1 | | | 0.42 | 71.24 | 164.23 | | 0.97 | 4.28 | | 0.67 | 0.02 | 0.02 | 0.06 | 0.02 | 0.03 | 0.07 | 0.02 | 0.04 | | 4.78E-03 | 6.13E-03 | 1.34E-03 | 4.95E-04 | | | | | | | | | | | | | | |
| 87 | Daycare V | 685153.2 | 4863236.9 | | | 0.43 | 74.29 | 171.26 | | 1.01 | 4.47 | | 0.70 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.07 | 0.02 | 0.05 | | 4.98E-03 | 6.39E-03 | 1.40E-03 | 5.16E-04 | | | | | | | | | | | | | | |
| 88 | Daycare W | 672679.0 | 4862044.9 | | | 0.33 | 56.46 | 130.15 | | 0.77 | 3.40 | | 0.54 | 0.01 | 0.01 | 0.05 | 0.01 | 0.03 | 0.05 | 0.01 | 0.04 | | 3.84E-03 | 4.93E-03 | 1.08E-03 | 3.97E-04 | | | | | | | | | | | | | | |
| 89 | Daycare X | 672076.5 | 4865285.8 | | | 0.24 | 40.34 | 92.99 | | 0.55 | 2.43 | | 0.40 | 1.00E-02 | 1.00E-02 | 0.03 | 0.01 | 0.02 | 0.04 | 1.00E-02 | 0.03 | | 2.81E-03 | 3.61E-03 | 7.90E-04 | 2.91E-04 | | | | | | | | | | | | | | |
| 90 | Daycare Y | 672638.0 | 4859664.4 | | | 0.24 | 41.33 | 95.28 | | 0.56 | 2.49 | | 0.39 | 9.93E-03 | 9.93E-03 | 0.03 | 0.01 | 0.02 | 0.04 | 9.93E-03 | 0.03 | | 2.80E-03 | 3.59E-03 | 7.85E-04 | 2.89E-04 | | | | | | | | | | | | | | |
| 91 | Daycare Z | 673735.9 | 4858958.0 | | | 0.24 | 40.57 | 93.51 | | 0.55 | 2.44 | | 0.39 | 9.73E-03 | 9.73E-03 | 0.03 | 9.88E-03 | 0.02 | 0.04 | 9.73E-03 | 0.03 | | 2.74E-03 | 3.51E-03 | 7.69E-04 | 2.83E-04 | | | | | | | | | | | | | | |
| 92 | Daycare AA | 673121.8 | 4863385.9 | | | 0.44 | 75.61 | 174.30 | | 1.04 | 4.55 | | 0.74 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.07 | 0.02 | 0.05 | | 5.25E-03 | 6.74E-03 | 1.47E-03 | 5.43E-04 | | | | | | | | | | | | | | |
| 93 | Daycare BB | 673904.8 | 4862282.2 | | | 0.49 | 84.87 | 195.64 | | 1.17 | 5.10 | | 0.82 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | 5.83E-03 | 7.48E-03 | 1.64E-03 | 6.03E-04 | | | | | | | | | | | | | | |
| 94 | Daycare CC | 671471.6 | 4861795.3 | | | 0.26 | 44.43 | 102.42 | | 0.61 | 2.67 | | 0.43 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.04 | 0.01 | 0.03 | | 3.08E-03 | 3.95E-03 | 8.65E-04 | 3.19E-04 | | | | | | | | | | | | | | |
| 95 | Daycare DD | 673057.3 | 4862625.6 | | | 0.44 | 75.49 | 174.03 | | 1.04 | 4.54 | | 0.74 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.07 | 0.02 | 0.05 | | 5.22E-03 | 6.70E-03 | 1.47E-03 | 5.40E-04 | | | | | | | | | | | | | | |
| 96 | Daycare EE | 674917.1 | 4863957.2 | | | 0.34 | 57.62 | 132.83 | | 0.80 | 3.47 | | 0.56 | 0.01 | 0.01 | 0.05 | 0.01 | 0.03 | 0.06 | 0.01 | 0.04 | | 3.97E-03 | 5.10E-03 | 1.12E-03 | 4.11E-04 | | | | | | | | | | | | | | |
| 97 | Daycare FF | 671356.6 | 4862954.4 | | | 0.32 | 54.45 | 125.52 | | 0.75 | 3.27 | | 0.54 | 0.01 | 0.01 | 0.05 | 0.01 | 0.03 | 0.05 | 0.01 | 0.04 | | 3.83E-03 | 4.91E-03 | 1.07E-03 | 3.96E-04 | | | | | | | | | | | | | | |
| 98 | Daycare GG | 671675.5 | 4862705.8 | | | 0.32 | 54.31 | 125.20 | | 0.75 | 3.27 | | 0.54 | 0.01 | 0.01 | 0.05 | 0.01 | 0.03 | 0.05 | 0.01 | 0.04 | | 3.81E-03 | 4.89E-03 | 1.07E-03 | 3.94E-04 | | | | | | | | | | | | | | |
| 99 | Daycare HH | 671604.8 | 4860138.1 | | | 0.24 | 41.72 | 96.18 | | 0.57 | 2.51 | | 0.40 | 0.01 | 0.01 | 0.03 | 0.01 | 0.02 | 0.04 | 0.01 | 0.03 | | 2.84E-03 | 3.64E-03 | 7.97E-04 | 2.94E-04 | | | | | | | | | | | | | | |
| 100 | Daycare II | 670945.2 | 4857983.8 | | | 0.16 | 28.19 | 64.97 | | 0.38 | 1.69 | | 0.27 | 6.82E-03 | 6.82E-03 | 0.02 | 6.93E-03 | 0.01 | 0.03 | 6.82E-03 | 0.02 | | 1.92E-03 | 2.46E-03 | 5.39E-04 | 1.99E-04 | | | | | | | | | | | | | | |
| 101 | Daycare JJ | 677514.6 | 4864744.1 | | | 0.35 | 60.90 | 140.39 | | 0.84 | 3.66 | | 0.58 | 0.01 | 0.01 | 0.05 | 0.01 | 0.03 | 0.06 | 0.01 | 0.04 | | 4.12E-03 | 5.29E-03 | 1.16E-03 | 4.26E-04 | | | | | | | | | | | | | | |
| 102 | Daycare KK | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Vanadium | Zinc | Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb) | Mercury | Mercury | Mercury | Chlorinated Monocyclic Aromatics | 1,2-Dichlorobenzene | 1,2,4,5-Tetrachlorobenzene | 1,2,4-Trichlorobenzene | 2,3,4,6-Tetrachlorophenol | 2,4,6-Trichlorophenol | 2,4-Dichlorophenol | Pentachlorophenol | Hexachlorobenzene | Pentachlorobenzene | Polycyclic Organic Matter | Acenaphthylene | Acenaphthene | Anthracene | Benzo(a)anthracene | | | | | | | | | | | | | | | | |
|----------|------------------------|----------|-----------|-------------|----------------------------------|----------|--------|--|---------|---------|---------|----------------------------------|---------------------|----------------------------|------------------------|---------------------------|-----------------------|--------------------|-------------------|-------------------|--------------------|---------------------------|----------------|--------------|------------|--------------------|--|----------|------|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | Vapour (V)/Particulate (P) Phase | P | P | P | V | P | V | V | V | V | V | V | V | V | V | V |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | Updated Facility Contaminant Emission Rate (g/s) | 1.36E-04 | 0.02 | 0.05 | 3.51E-04 | 1.40E-03 | 2.39E-04 | 6.02E-06 | 6.02E-06 | 2.03E-05 | 6.12E-06 | 1.20E-05 | 2.41E-05 | 6.02E-06 | 1.58E-05 | 1.70E-06 |
| 111 | Comm. Resp. Services | 676045.4 | 4863902.5 | | | 0.41 | 71.05 | 163.78 | | 0.97 | 4.27 | | 0.68 | 0.02 | 0.02 | 0.06 | 0.02 | 0.03 | 0.07 | 0.02 | 0.05 | | 4.84E-03 | 6.21E-03 | 1.36E-03 | 5.01E-04 | | | | | | | | | | | | | | | | |
| 112 | Hospital | 671712.7 | 4862364.1 | | | 0.29 | 49.51 | 114.14 | | 0.67 | 2.98 | | 0.48 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.05 | 0.01 | 0.03 | | 3.38E-03 | 4.34E-03 | 9.49E-04 | 3.50E-04 | | | | | | | | | | | | | | | | |
| 113 | Retirement Residence A | 684199.9 | 4864120.3 | | | 0.71 | 121.36 | 279.75 | | 1.65 | 7.30 | | 1.15 | 0.03 | 0.03 | 0.10 | 0.03 | 0.06 | 0.12 | 0.03 | 0.08 | | 8.15E-03 | 0.01 | 2.29E-03 | 8.43E-04 | | | | | | | | | | | | | | | | |
| 114 | Retirement Residence B | 685483.9 | 4865150.9 | | | 0.50 | 86.44 | 199.26 | | 1.17 | 5.20 | | 0.82 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | 5.82E-03 | 7.47E-03 | 1.63E-03 | 6.02E-04 | | | | | | | | | | | | | | | | |
| 115 | Retirement Residence C | 686844.0 | 4864732.1 | | | 0.32 | 54.68 | 126.05 | | 0.74 | 3.29 | | 0.52 | 0.01 | 0.01 | 0.04 | 0.01 | 0.03 | 0.05 | 0.01 | 0.03 | | 3.68E-03 | 4.72E-03 | 1.03E-03 | 3.81E-04 | | | | | | | | | | | | | | | | |
| 116 | Retirement Residence D | 673481.7 | 4863343.4 | | | 0.46 | 78.71 | 181.45 | | 1.09 | 4.73 | | 0.77 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | 5.46E-03 | 7.00E-03 | 1.53E-03 | 5.65E-04 | | | | | | | | | | | | | | | | |
| 117 | Retirement Residence E | 671825.2 | 4864399.0 | | | 0.31 | 54.02 | 124.53 | | 0.74 | 3.25 | | 0.54 | 0.01 | 0.01 | 0.05 | 0.01 | 0.03 | 0.05 | 0.01 | 0.04 | | 3.81E-03 | 4.88E-03 | 1.07E-03 | 3.94E-04 | | | | | | | | | | | | | | | | |
| 118 | Retirement Residence F | 671606.3 | 4864536.0 | | | 0.30 | 51.64 | 119.04 | | 0.71 | 3.11 | | 0.51 | 0.01 | 0.01 | 0.04 | 0.01 | 0.03 | 0.05 | 0.01 | 0.03 | | 3.65E-03 | 4.68E-03 | 1.02E-03 | 3.77E-04 | | | | | | | | | | | | | | | | |
| 119 | Retirement Residence G | 671357.1 | 4862958.7 | | | 0.32 | 54.75 | 126.20 | | 0.75 | 3.29 | | 0.54 | 0.01 | 0.01 | 0.05 | 0.01 | 0.03 | 0.05 | 0.01 | 0.04 | | 3.85E-03 | 4.93E-03 | 1.08E-03 | 3.98E-04 | | | | | | | | | | | | | | | | |
| 120 | Retirement Residence H | 671514.0 | 4862262.9 | | | 0.28 | 47.42 | 109.31 | | 0.64 | 2.85 | | 0.46 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.05 | 0.01 | 0.03 | | 3.24E-03 | 4.16E-03 | 9.10E-04 | 3.35E-04 | | | | | | | | | | | | | | | | |
| 121 | Retirement Residence I | 672602.2 | 4863075.9 | | | 0.43 | 73.77 | 170.06 | | 1.02 | 4.44 | | 0.72 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.07 | 0.02 | 0.05 | | 5.12E-03 | 6.57E-03 | 1.44E-03 | 5.30E-04 | | | | | | | | | | | | | | | | |
| 122 | Retirement Residence J | 671719.1 | 4862893.1 | | | 0.34 | 58.62 | 135.13 | | 0.81 | 3.53 | | 0.58 | 0.01 | 0.01 | 0.05 | 0.01 | 0.03 | 0.06 | 0.01 | 0.04 | | 4.10E-03 | 5.26E-03 | 1.15E-03 | 4.25E-04 | | | | | | | | | | | | | | | | |
| 123 | Retirement Residence K | 686718.0 | 4865648.7 | | | 0.39 | 66.53 | 153.37 | | 0.89 | 4.00 | | 0.63 | 0.02 | 0.02 | 0.05 | 0.02 | 0.03 | 0.06 | 0.02 | 0.04 | | 4.49E-03 | 5.76E-03 | 1.26E-03 | 4.65E-04 | | | | | | | | | | | | | | | | |
| 124 | Retirement Residence L | 676168.7 | 4865669.9 | | | 0.32 | 54.41 | 125.44 | | 0.74 | 3.27 | | 0.53 | 0.01 | 0.01 | 0.04 | 0.01 | 0.03 | 0.05 | 0.01 | 0.03 | | 3.72E-03 | 4.78E-03 | 1.05E-03 | 3.85E-04 | | | | | | | | | | | | | | | | |
| 125 | Retirement Residence M | 676118.5 | 4863980.7 | | | 0.42 | 72.53 | 167.19 | | 0.99 | 4.36 | | 0.70 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.07 | 0.02 | 0.05 | | 4.94E-03 | 6.34E-03 | 1.39E-03 | 5.11E-04 | | | | | | | | | | | | | | | | |
| 126 | Bow. Subdivision 12 | 684649.2 | 4863182.7 | | | 0.50 | 85.47 | 197.04 | | 1.17 | 5.14 | | 0.81 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | 5.73E-03 | 7.35E-03 | 1.61E-03 | 5.93E-04 | | | | | | | | | | | | | | | | |
| 127 | Primary School B | 685384.8 | 4863575.3 | | | 0.41 | 70.59 | 162.72 | | 0.96 | 4.24 | | 0.67 | 0.02 | 0.02 | 0.06 | 0.02 | 0.03 | 0.07 | 0.02 | 0.04 | | 4.74E-03 | 6.08E-03 | 1.33E-03 | 4.90E-04 | | | | | | | | | | | | | | | | |
| 128 | Primary School C | 685021.6 | 4863952.9 | | | 0.52 | 88.92 | 204.98 | | 1.21 | 5.35 | | 0.84 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.09 | 0.02 | 0.06 | | 5.98E-03 | 7.67E-03 | 1.68E-03 | 6.19E-04 | | | | | | | | | | | | | | | | |
| 129 | Primary School D | 686237.0 | 4864085.5 | | | 0.35 | 60.28 | 138.96 | | 0.82 | 3.63 | | 0.57 | 0.01 | 0.01 | 0.05 | 0.01 | 0.03 | 0.06 | 0.01 | 0.04 | | 4.05E-03 | 5.20E-03 | 1.14E-03 | 4.19E-04 | | | | | | | | | | | | | | | | |
| 130 | Primary School E | 686719.0 | 4863734.7 | | | 0.29 | 48.94 | 112.82 | | 0.66 | 2.94 | | 0.46 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.05 | 0.01 | 0.03 | | 3.30E-03 | 4.23E-03 | 9.25E-04 | 3.41E-04 | | | | | | | | | | | | | | | | |
| 131 | Primary School F | 686357.0 | 4864754.9 | | | 0.37 | 63.64 | 146.71 | | 0.86 | 3.83 | | 0.61 | 0.02 | 0.02 | 0.05 | 0.02 | 0.03 | 0.06 | 0.02 | 0.04 | | 4.29E-03 | 5.50E-03 | 1.20E-03 | 4.44E-04 | | | | | | | | | | | | | | | | |
| 132 | Primary School G | 685502.0 | 4865013.4 | | | 0.51 | 87.42 | 201.53 | | 1.18 | 5.26 | | 0.83 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | 5.89E-03 | 7.56E-03 | 1.65E-03 | 6.09E-04 | | | | | | | | | | | | | | | | |
| 133 | Primary School H | 686726.7 | 4866061.5 | | | 0.39 | 67.23 | 154.98 | | 0.90 | 4.04 | | 0.64 | 0.02 | 0.02 | 0.05 | 0.02 | 0.03 | 0.06 | 0.02 | 0.04 | | 4.54E-03 | 5.82E-03 | 1.27E-03 | 4.70E-04 | | | | | | | | | | | | | | | | |
| 134 | Primary School I | 685186.2 | 4866568.2 | | | 0.42 | 72.87 | 167.99 | | 0.97 | 4.38 | | 0.69 | 0.02 | 0.02 | 0.06 | 0.02 | 0.03 | 0.07 | 0.02 | 0.05 | | 4.90E-03 | 6.29E-03 | 1.38E-03 | 5.07E-04 | | | | | | | | | | | | | | | | |
| 135 | Primary School J | 685965.3 | 4866979.0 | | | 0.38 | 65.45 | 150.87 | | 0.87 | 3.94 | | 0.62 | 0.02 | 0.02 | 0.05 | 0.02 | 0.03 | 0.06 | 0.02 | 0.04 | | 4.41E-03 | 5.66E-03 | 1.24E-03 | 4.56E-04 | | | | | | | | | | | | | | | | |
| 136 | Primary School K | 677709.9 | 4864726.5 | | | 0.37 | 63.39 | 146.14 | | 0.87 | 3.81 | | 0.60 | 0.02 | 0.02 | 0.05 | 0.02 | 0.03 | 0.06 | 0.02 | 0.04 | | 4.28E-03 | 5.50E-03 | 1.20E-03 | 4.43E-04 | | | | | | | | | | | | | | | | |
| 137 | Primary School L | 675988.3 | 4864270.2 | | | 0.41 | 69.87 | 161.06 | | 0.95 | 4.20 | | 0.67 | 0.02 | 0.02 | 0.06 | 0.02 | 0.03 | 0.07 | 0.02 | 0.04 | | 4.77E-03 | 6.11E-03 | 1.34E-03 | 4.93E-04 | | | | | | | | | | | | | | | | |
| 138 | Primary School M | 676608.7 | 4862739.0 | | | 0.57 | 98.44 | 226.93 | | 1.36 | 5.92 | | 0.94 | 0.02 | 0.02 | 0.08 | 0.02 | 0.05 | 0.10 | 0.02 | 0.06 | | 6.69E-03 | 8.58E-03 | 1.88E-03 | 6.92E-04 | | | | | | | | | | | | | | | | |
| 139 | Primary School N | 677222.2 | 4863759.1 | | | 0.58 | 99.29 | 228.89 | | 1.37 | 5.97 | | 0.95 | 0.02 | 0.02 | 0.08 | 0.02 | 0.05 | 0.10 | 0.02 | 0.06 | | 6.74E-03 | 8.64E-03 | 1.89E-03 | 6.97E-04 | | | | | | | | | | | | | | | | |
| 140 | Primary School O | 678154.9 | 4863872.7 | | | 0.46 | 78.67 | 181.36 | | 1.08 | 4.73 | | 0.75 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | 5.29E-03 | 6.78E-03 | 1.48E-03 | 5.47E-04 | | | | | | | | | | | | | | | | |
| 141 | Court. Subdivision 12 | 678309.6 | 4863600.8 | | | 0.50 | 85.76 | 197.71 | | 1.18 | 5.16 | | 0.81 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | 5.76E-03 | 7.38E-03 | 1.62E-03 | 5.95E-04 | | | | | | | | | | | | | | | | |
| 142 | Primary School Q | 677010.6 | 4862470.6 | | | 0.66 | 112.98 | 260.44 | | 1.54 | 6.79 | | 1.07 | 0.03 | 0.03 | 0.09 | 0.03 | 0.05 | 0.11 | 0.03 | 0.07 | | 7.59E-03 | 9.73E-03 | 2.13E-03 | 7.85E-04 | | | | | | | | | | | | | | | | |
| 143 | Primary School R | 677431.3 | 4866694.7 | | | 0.28 | 48.84 | 112.59 | | 0.67 | 2.94 | | 0.47 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.05 | 0.01 | 0.03 | | 3.34E-03 | 4.28E-03 | 9.37E-04 | 3.46E-04 | | | | | | | | | | | | | | | | |
| 144 | Primary School S | 675266.2 | 4863562.9 | | | 0.39 | 67.10 | 154.68 | | 0.94 | 4.04 | | 0.66 | 0.02 | 0.02 | 0.06 | 0.02 | 0.03 | 0.07 | 0.02 | 0.04 | | 4.64E-03 | 5.96E-03 | 1.30E-03 | 4.80E-04 | | | | | | | | | | | | | | | | |
| 145 | Primary School T | 673479.2 | 4860029.4 | | | 0.32 | 54.07 | 124.64 | | 0.74 | 3.25 | | 0.52 | 0.01 | 0.01 | 0.04 | 0.01 | 0.03 | 0.05 | 0.01 | 0.03 | | 3.66E-03 | 4.70E-03 | 1.03E-03 | 3.79E-04 | | | | | | | | | | | | | | | | |
| 146 | Primary School U | 670856.0 | 4860710.6 | | | 0.25 | 42.36 | 97.64 | | 0.58 | 2.55 | | 0.41 | 0.01 | 0.01 | 0.03 | 0.01 | 0.02 | 0.04 | 0.01 | 0.03 | | 2.90E-03 | 3.73E-03 | 8.15E-04 | 3.00E-04 | | | | | | | | | | | | | | | | |
| 147 | Primary School V | 672660.2 | 4863909.2 | | | 0.37 | 63.98 | 147.48 | | 0.88 | 3.85 | | 0.63 | 0.02 | 0.02 | 0.05 | 0.02 | 0.03 | 0.06 | 0.02 | 0.04 | | 4.48E-03 | 5.74E-03 | 1.26E-03 | 4.63E-04 | | | | | | | | | | | | | | | | |
| 148 | Primary School W | 672735.2 | 4859232.9 | | | 0.22 | 38.23 | 88.13 | | 0.51 | 2.30 | | 0.36 | 9.16E-03 | 9.16E-03 | 0.03 | 9.31E-03 | 0.02 | 0.04 | 9.16E-03 | 0.02 | | 2.58E-03 | 3.31E-03 | 7.24E-04 | 2.67E-04 | | | | | | | | | | | | | | | | |
| 149 | Primary School X | 673575.8 | 4862688.6 | | | 0.50 | 85.75 | 197.68 | | 1.18 | 5.16 | | 0.83 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.06 | | 5.91E-03 | 7.58E-03 | 1.66E-03 | 6.11E-04 | | | | | | | | | | | | | | | | |
| 150 | Primary School Y | 673710.3 | 4861969.0 | | | 0.41 | 69.50 | 160.21 | | 0.95 | 4.18 | | 0.67 | 0.02 | 0.02 | 0.06 | 0.02 | 0.03 | 0.07 | 0.02 | 0.04 | | 4.78E-03 | 6.14E-03 | 1.34E-03 | 4.95E-04 | | | | | | | | | | | | | | | | |
| 151 | Primary School Z | 672366.0 | 4859928.1 | | | 0.26 | 43.94 | 101.30 | | 0.60 | 2.64 | | 0.42 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.04 | 0.01 | 0.03 | | 2.98E-03 | 3.83E-03 | 8.37E-04 | 3.09E-04 | | | | | | | | | | | | | | | | |
| 152 | Primary School AA | 672561.7 | 4866047.1 | | | 0.19 | 32.78 | 75.56 | | 0.44 | 1.97 | | 0.32 | 8.10E-03 | 8.10E-03 | 0.03 | 8.23E-03 | 0.02 | 0.03 | 8.10E-03 | 0.02 | | 2.28E-03 | 2.92E-03 | 6.40E-04 | 2.36E-04 | | | | | | | | | | | | | | | | |
| 153 | Primary School BB | 675095.1 | 4862930.4 | | | 0.55 | 94.60 | 218.07 | | 1.30 | 5.69 | | 0.92 | 0.02 | 0.02 | 0.08 | 0.02 | 0.05 | 0.09 | 0.02 | 0.06 | | 6.49E-03 | 8.32E-03 | 1.82E-03 | 6.71E-04 | | | | | | | | | | | | | | | | |
| 154 | Primary School CC | 673242.6 | 4865197.9 | | | 0.24 | 41.22 | 95.03 | | 0.56 | 2.48 | | 0.40 | 0.01 | 0.01 | 0.03 | 0.01 | 0.02 | 0.04 | 0.01 | 0.03 | | 2.86E-03 | 3.67E-03 | 8.03E-04 | 2.96E-04 | | | | | | | | | | | | | | | | |
| 155 | Primary School DD | 674164.9 | 4863031.3 | | | 0.52 | 89.41 | 206.12 | | 1.23 | 5.38 | | 0.87 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.09 | 0.02 | 0.06 | | 6.17E-03 | 7.91E-03 | 1.73E-03 | 6.38E-04 | | | | | | | | | | | | | | | | |
| 156 | Primary School EE | 671905.6 | 4864697.8 | | | 0.29 | 49.00 | 112.96 | | 0.68 | 2.95 | | 0.49 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.05 | 0.01 | 0.03 | | 3.47E-03 | 4.45E-03 | | | | | | | | | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Vanadium | Zinc | Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb) | Mercury | Mercury | Mercury | Chlorinated Monocyclic Aromatics | 1,2-Dichlorobenzene | 1,2,4,5-Tetrachlorobenzene | 1,2,4-Trichlorobenzene | 2,3,4,6-Tetrachlorophenol | 2,4,6-Trichlorophenol | 2,4-Dichlorophenol | Pentachlorophenol | Hexachlorobenzene | Pentachlorobenzene | Polycyclic Organic Matter | Acenaphthylene | Acenaphthene | Anthracene | Benzo(a)anthracene | | | | | | | | | | | | | | |
|----------|---------------------|----------|-----------|-------------|----------------------------------|----------|--------|--|---------|---------|---------|----------------------------------|---------------------|----------------------------|------------------------|---------------------------|-----------------------|--------------------|-------------------|-------------------|--------------------|---------------------------|----------------|--------------|------------|--------------------|--|----------|----------|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | Vapour (V)/Particulate (P) Phase | P | P | P | V | P | V | V | V | V | V | V | V | V |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | Updated Facility Contaminant Emission Rate (g/s) | 1.36E-04 | 0.02 | 0.05 | 3.51E-04 | 1.40E-03 | 2.39E-04 | 6.02E-06 | 6.02E-06 | 2.03E-05 | 6.12E-06 | 1.20E-05 | 2.41E-05 | 6.02E-06 |
| 166 | Primary School OO | 675474.8 | 4863221.7 | | | 0.44 | 76.15 | 175.54 | | 1.05 | 4.58 | | 0.74 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.07 | 0.02 | 0.05 | | | | | 5.22E-03 | 6.69E-03 | 1.46E-03 | 5.40E-04 | | | | | | | | | | | |
| 167 | Primary School PP | 672441.8 | 4858748.6 | | | 0.19 | 33.07 | 76.23 | | 0.45 | 1.99 | | 0.32 | 7.95E-03 | 7.95E-03 | 0.03 | 8.08E-03 | 0.02 | 0.03 | 7.95E-03 | 0.02 | | | | | 2.24E-03 | 2.87E-03 | 6.28E-04 | 2.32E-04 | | | | | | | | | | | |
| 168 | Primary School QQ | 672796.8 | 4864438.2 | | | 0.30 | 52.19 | 120.31 | | 0.72 | 3.14 | | 0.52 | 0.01 | 0.01 | 0.04 | 0.01 | 0.03 | 0.05 | 0.01 | 0.03 | | | | | 3.67E-03 | 4.71E-03 | 1.03E-03 | 3.80E-04 | | | | | | | | | | | |
| 169 | Primary School RR | 671351.4 | 4863284.0 | | | 0.35 | 59.21 | 136.50 | | 0.81 | 3.56 | | 0.58 | 0.01 | 0.01 | 0.05 | 0.01 | 0.03 | 0.06 | 0.01 | 0.04 | | | | | 4.15E-03 | 5.32E-03 | 1.16E-03 | 4.29E-04 | | | | | | | | | | | |
| 170 | Primary School SS | 673213.9 | 4862125.5 | | | 0.38 | 64.97 | 149.77 | | 0.89 | 3.91 | | 0.63 | 0.02 | 0.02 | 0.05 | 0.02 | 0.03 | 0.06 | 0.02 | 0.04 | | | | | 4.50E-03 | 5.77E-03 | 1.26E-03 | 4.65E-04 | | | | | | | | | | | |
| 171 | Primary School TT | 671017.9 | 4860953.7 | | | 0.27 | 46.94 | 108.21 | | 0.64 | 2.82 | | 0.46 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.05 | 0.01 | 0.03 | | | | | 3.23E-03 | 4.15E-03 | 9.08E-04 | 3.35E-04 | | | | | | | | | | | |
| 172 | Primary School UU | 670991.0 | 4861089.8 | | | 0.28 | 48.22 | 111.17 | | 0.66 | 2.90 | | 0.47 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.05 | 0.01 | 0.03 | | | | | 3.33E-03 | 4.27E-03 | 9.35E-04 | 3.45E-04 | | | | | | | | | | | |
| 173 | Primary School VV | 674150.1 | 4862294.8 | | | 0.53 | 91.71 | 211.42 | | 1.26 | 5.52 | | 0.89 | 0.02 | 0.02 | 0.08 | 0.02 | 0.04 | 0.09 | 0.02 | 0.06 | | | | | 6.29E-03 | 8.06E-03 | 1.76E-03 | 6.50E-04 | | | | | | | | | | | |
| 174 | Primary School WW | 672005.2 | 4861707.9 | | | 0.28 | 48.08 | 110.84 | | 0.66 | 2.89 | | 0.47 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.05 | 0.01 | 0.03 | | | | | 3.32E-03 | 4.26E-03 | 9.32E-04 | 3.44E-04 | | | | | | | | | | | |
| 175 | Primary School XX | 684172.1 | 4863615.6 | | | 0.74 | 127.43 | 293.77 | | 1.74 | 7.66 | | 1.21 | 0.03 | 0.03 | 0.10 | 0.03 | 0.06 | 0.12 | 0.03 | 0.08 | | | | | 8.56E-03 | 0.01 | 2.40E-03 | 8.86E-04 | | | | | | | | | | | |
| 176 | Primary School YY | 683923.3 | 4866636.4 | | | 0.43 | 73.61 | 169.70 | | 0.98 | 4.43 | | 0.70 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.07 | 0.02 | 0.05 | | | | | 4.94E-03 | 6.34E-03 | 1.39E-03 | 5.11E-04 | | | | | | | | | | | |
| 177 | Primary School ZZ | 680446.0 | 4865770.5 | | | 0.37 | 63.61 | 146.63 | | 0.85 | 3.83 | | 0.60 | 0.02 | 0.02 | 0.05 | 0.02 | 0.03 | 0.06 | 0.02 | 0.04 | | | | | 4.27E-03 | 5.47E-03 | 1.20E-03 | 4.42E-04 | | | | | | | | | | | |
| 178 | Vacant School | 685612.9 | 4864520.0 | | | 0.47 | 80.42 | 185.40 | | 1.09 | 4.84 | | 0.76 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | | | | 5.42E-03 | 6.95E-03 | 1.52E-03 | 5.61E-04 | | | | | | | | | | | |
| 179 | Secondary School A | 686291.4 | 4865064.3 | | | 0.41 | 70.38 | 162.24 | | 0.95 | 4.23 | | 0.67 | 0.02 | 0.02 | 0.06 | 0.02 | 0.03 | 0.07 | 0.02 | 0.04 | | | | | 4.75E-03 | 6.09E-03 | 1.33E-03 | 4.91E-04 | | | | | | | | | | | |
| 180 | Secondary School B | 683875.0 | 4864741.7 | | | 0.64 | 109.28 | 251.91 | | 1.47 | 6.57 | | 1.03 | 0.03 | 0.03 | 0.09 | 0.03 | 0.05 | 0.10 | 0.03 | 0.07 | | | | | 7.33E-03 | 9.40E-03 | 2.06E-03 | 7.58E-04 | | | | | | | | | | | |
| 181 | Secondary School C | 684650.3 | 4866460.3 | | | 0.44 | 75.52 | 174.10 | | 1.00 | 4.54 | | 0.72 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.07 | 0.02 | 0.05 | | | | | 5.07E-03 | 6.50E-03 | 1.42E-03 | 5.24E-04 | | | | | | | | | | | |
| 182 | Secondary School D | 678099.5 | 4864838.2 | | | 0.39 | 66.76 | 153.91 | | 0.91 | 4.01 | | 0.64 | 0.02 | 0.02 | 0.05 | 0.02 | 0.03 | 0.06 | 0.02 | 0.04 | | | | | 4.50E-03 | 5.78E-03 | 1.26E-03 | 4.66E-04 | | | | | | | | | | | |
| 183 | Secondary School E | 678467.0 | 4863431.2 | | | 0.54 | 92.22 | 212.58 | | 1.27 | 5.55 | | 0.87 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.09 | 0.02 | 0.06 | | | | | 6.18E-03 | 7.93E-03 | 1.74E-03 | 6.40E-04 | | | | | | | | | | | |
| 184 | Secondary School F | 674144.9 | 4862762.7 | | | 0.55 | 95.08 | 219.18 | | 1.31 | 5.72 | | 0.92 | 0.02 | 0.02 | 0.08 | 0.02 | 0.05 | 0.09 | 0.02 | 0.06 | | | | | 6.54E-03 | 8.39E-03 | 1.84E-03 | 6.76E-04 | | | | | | | | | | | |
| 185 | Secondary School G | 673816.0 | 4864357.1 | | | 0.30 | 51.70 | 119.18 | | 0.70 | 3.11 | | 0.50 | 0.01 | 0.01 | 0.04 | 0.01 | 0.03 | 0.05 | 0.01 | 0.03 | | | | | 3.57E-03 | 4.58E-03 | 1.00E-03 | 3.69E-04 | | | | | | | | | | | |
| 186 | Secondary School H | 673145.4 | 4858569.0 | | | 0.21 | 36.57 | 84.30 | | 0.50 | 2.20 | | 0.35 | 8.80E-03 | 8.80E-03 | 0.03 | 8.94E-03 | 0.02 | 0.04 | 8.80E-03 | 0.02 | | | | | 2.48E-03 | 3.18E-03 | 6.95E-04 | 2.56E-04 | | | | | | | | | | | |
| 187 | Secondary School I | 671291.7 | 4863581.3 | | | 0.35 | 60.27 | 138.93 | | 0.83 | 3.62 | | 0.59 | 0.01 | 0.01 | 0.05 | 0.02 | 0.03 | 0.06 | 0.01 | 0.04 | | | | | 4.22E-03 | 5.41E-03 | 1.18E-03 | 4.36E-04 | | | | | | | | | | | |
| 188 | Secondary School J | 671443.2 | 4861664.9 | | | 0.27 | 45.96 | 105.94 | | 0.63 | 2.76 | | 0.45 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.05 | 0.01 | 0.03 | | | | | 3.19E-03 | 4.09E-03 | 8.95E-04 | 3.30E-04 | | | | | | | | | | | |
| 189 | Secondary School K | 673235.3 | 4860885.0 | | | 0.39 | 66.14 | 152.47 | | 0.91 | 3.98 | | 0.64 | 0.02 | 0.02 | 0.05 | 0.02 | 0.03 | 0.06 | 0.02 | 0.04 | | | | | 4.51E-03 | 5.79E-03 | 1.27E-03 | 4.67E-04 | | | | | | | | | | | |
| 190 | Secondary School L | 684252.7 | 4866500.5 | | | 0.43 | 73.85 | 170.23 | | 0.98 | 4.44 | | 0.70 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.07 | 0.02 | 0.05 | | | | | 4.95E-03 | 6.35E-03 | 1.39E-03 | 5.12E-04 | | | | | | | | | | | |
| 191 | Secondary School M | 673914.1 | 4859551.7 | | | 0.28 | 48.55 | 111.93 | | 0.66 | 2.92 | | 0.46 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.05 | 0.01 | 0.03 | | | | | 3.27E-03 | 4.20E-03 | 9.19E-04 | 3.39E-04 | | | | | | | | | | | |
| 192 | Secondary School N | 675051.5 | 4864177.2 | | | 0.32 | 54.67 | 126.02 | | 0.74 | 3.29 | | 0.53 | 0.01 | 0.01 | 0.05 | 0.01 | 0.03 | 0.05 | 0.01 | 0.04 | | | | | 3.75E-03 | 4.82E-03 | 1.05E-03 | 3.88E-04 | | | | | | | | | | | |
| 193 | Adult School | 685276.1 | 4866019.8 | | | 0.46 | 79.07 | 182.27 | | 1.05 | 4.75 | | 0.75 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | | | | 5.32E-03 | 6.82E-03 | 1.49E-03 | 5.50E-04 | | | | | | | | | | | |
| 194 | Bow. Valley Cons. 1 | 685356.6 | 4864521.2 | | | 0.51 | 87.86 | 202.53 | | 1.19 | 5.28 | | 0.83 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.06 | | | | | 5.92E-03 | 7.59E-03 | 1.66E-03 | 6.12E-04 | | | | | | | | | | | |
| 195 | Bow. Valley Cons. 2 | 685627.7 | 4864167.8 | | | 0.42 | 71.25 | 164.24 | | 0.97 | 4.28 | | 0.68 | 0.02 | 0.02 | 0.06 | 0.02 | 0.03 | 0.07 | 0.02 | 0.04 | | | | | 4.79E-03 | 6.15E-03 | 1.35E-03 | 4.96E-04 | | | | | | | | | | | |
| 196 | Bow. Valley Cons. 4 | 685852.7 | 4863640.2 | | | 0.36 | 62.19 | 143.37 | | 0.84 | 3.74 | | 0.59 | 0.01 | 0.01 | 0.05 | 0.02 | 0.03 | 0.06 | 0.01 | 0.04 | | | | | 4.18E-03 | 5.36E-03 | 1.17E-03 | 4.32E-04 | | | | | | | | | | | |
| 197 | Bow. Valley Cons. 5 | 686163.1 | 4863621.5 | | | 0.32 | 54.40 | 125.40 | | 0.73 | 3.27 | | 0.52 | 0.01 | 0.01 | 0.04 | 0.01 | 0.03 | 0.05 | 0.01 | 0.03 | | | | | 3.65E-03 | 4.69E-03 | 1.03E-03 | 3.78E-04 | | | | | | | | | | | |
| 198 | Bow. Valley Cons. 6 | 685931.9 | 4863380.6 | | | 0.33 | 56.13 | 129.39 | | 0.76 | 3.38 | | 0.53 | 0.01 | 0.01 | 0.05 | 0.01 | 0.03 | 0.05 | 0.01 | 0.04 | | | | | 3.77E-03 | 4.83E-03 | 1.06E-03 | 3.90E-04 | | | | | | | | | | | |
| 199 | Maple Grove 1 | 681688.5 | 4864717.0 | | | 0.53 | 91.27 | 210.41 | | 1.25 | 5.49 | | 0.86 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.09 | 0.02 | 0.06 | | | | | 6.11E-03 | 7.84E-03 | 1.72E-03 | 6.33E-04 | | | | | | | | | | | |
| 200 | Maple Grove 2 | 681768.9 | 4864631.8 | | | 0.54 | 92.93 | 214.22 | | 1.27 | 5.59 | | 0.88 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.09 | 0.02 | 0.06 | | | | | 6.23E-03 | 7.99E-03 | 1.75E-03 | 6.44E-04 | | | | | | | | | | | |
| 201 | Maple Grove 3 | 681894.9 | 4864506.8 | | | 0.55 | 94.99 | 218.98 | | 1.30 | 5.71 | | 0.90 | 0.02 | 0.02 | 0.08 | 0.02 | 0.05 | 0.09 | 0.02 | 0.06 | | | | | 6.36E-03 | 8.16E-03 | 1.79E-03 | 6.58E-04 | | | | | | | | | | | |
| 202 | Maple Grove 4 | 681974.8 | 4864443.2 | | | 0.57 | 97.58 | 224.95 | | 1.33 | 5.87 | | 0.92 | 0.02 | 0.02 | 0.08 | 0.02 | 0.05 | 0.09 | 0.02 | 0.06 | | | | | 6.54E-03 | 8.39E-03 | 1.83E-03 | 6.76E-04 | | | | | | | | | | | |
| 203 | Maple Grove 5 | 681942.2 | 4864676.7 | | | 0.53 | 91.65 | 211.28 | | 1.25 | 5.51 | | 0.87 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.09 | 0.02 | 0.06 | | | | | 6.14E-03 | 7.88E-03 | 1.72E-03 | 6.35E-04 | | | | | | | | | | | |
| 204 | Maple Grove 6 | 682053.2 | 4864586.2 | | | 0.55 | 94.97 | 218.93 | | 1.29 | 5.71 | | 0.90 | 0.02 | 0.02 | 0.08 | 0.02 | 0.05 | 0.09 | 0.02 | 0.06 | | | | | 6.36E-03 | 8.16E-03 | 1.79E-03 | 6.58E-04 | | | | | | | | | | | |
| 205 | Maple Grove 7 | 682168.5 | 4864631.3 | | | 0.57 | 97.63 | 225.06 | | 1.33 | 5.87 | | 0.92 | 0.02 | 0.02 | 0.08 | 0.02 | 0.05 | 0.09 | 0.02 | 0.06 | | | | | 6.54E-03 | 8.39E-03 | 1.84E-03 | 6.77E-04 | | | | | | | | | | | |
| 206 | Maple Grove 8 | 682261.7 | 4864520.9 | | | 0.62 | 107.20 | 247.12 | | 1.46 | 6.45 | | 1.01 | 0.03 | 0.03 | 0.09 | 0.03 | 0.05 | 0.10 | 0.03 | 0.07 | | | | | 7.18E-03 | 9.21E-03 | 2.02E-03 | 7.43E-04 | | | | | | | | | | | |
| 207 | Maple Grove 9 | 682382.1 | 4864589.4 | | | 0.64 | 110.54 | 254.82 | | 1.50 | 6.65 | | 1.04 | 0.03 | 0.03 | 0.09 | 0.03 | 0.05 | 0.11 | 0.03 | 0.07 | | | | | 7.40E-03 | 9.50E-03 | 2.08E-03 | 7.66E-04 | | | | | | | | | | | |
| 208 | Maple Grove 10 | 682459.8 | 4864499.2 | | | 0.69 | 117.95 | 271.91 | | 1.61 | 7.09 | | 1.11 | 0.03 | 0.03 | 0.09 | 0.03 | 0.06 | 0.11 | 0.03 | 0.07 | | | | | 7.90E-03 | 0.01 | 2.22E-03 | 8.17E-04 | | | | | | | | | | | |
| 209 | Port Darlington 1 | 686227.8 | 4861159.0 | | | 0.28 | 48.32 | 111.39 | | 0.66 | 2.91 | | 0.46 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.05 | 0.01 | 0.03 | | | | | | | | | | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Vanadium | Zinc | Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb) | Mercury | Mercury | Mercury | Chlorinated Monocyclic Aromatics | 1,2-Dichlorobenzene | 1,2,4,5-Tetrachlorobenzene | 1,2,4-Trichlorobenzene | 2,3,4,6-Tetrachlorophenol | 2,4,6-Trichlorophenol | 2,4-Dichlorophenol | Pentachlorophenol | Hexachlorobenzene | Pentachlorobenzene | Polycyclic Organic Matter | Acenaphthylene | Acenaphthene | Anthracene | Benzo(a)anthracene | | | | | | | | | | | | | | | |
|----------|---------------------|----------|-----------|-------------|----------------------------------|----------|--------|--|---------|---------|---------|----------------------------------|---------------------|----------------------------|------------------------|---------------------------|-----------------------|--------------------|-------------------|-------------------|--------------------|---------------------------|----------------|--------------|------------|--------------------|--|----------|------|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | Vapour (V)/Particulate (P) Phase | P | P | P | V | P | V | V | V | V | V | V | V | V | V |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | Updated Facility Contaminant Emission Rate (g/s) | 1.36E-04 | 0.02 | 0.05 | 3.51E-04 | 1.40E-03 | 2.39E-04 | 6.02E-06 | 6.02E-06 | 2.03E-05 | 6.12E-06 | 1.20E-05 | 2.41E-05 | 6.02E-06 | 1.58E-05 |
| 221 | Campground 2 | 678410.2 | 4860148.6 | | | 0.93 | 159.94 | 368.70 | | 2.21 | 9.62 | | 1.51 | 0.04 | 0.04 | 0.13 | 0.04 | 0.08 | 0.15 | 0.04 | 0.10 | | 0.01 | 0.01 | 3.01E-03 | 1.11E-03 | | | | | | | | | | | | | | | |
| 222 | Campground 3 | 678651.0 | 4860054.4 | | | 0.90 | 154.92 | 357.13 | | 2.14 | 9.32 | | 1.46 | 0.04 | 0.04 | 0.12 | 0.04 | 0.07 | 0.15 | 0.04 | 0.10 | | 0.01 | 0.01 | 2.91E-03 | 1.07E-03 | | | | | | | | | | | | | | | |
| 223 | Campground 4 | 678725.9 | 4859860.7 | | | 0.97 | 166.53 | 383.88 | | 2.30 | 10.01 | | 1.57 | 0.04 | 0.04 | 0.13 | 0.04 | 0.08 | 0.16 | 0.04 | 0.10 | | 0.01 | 0.01 | 3.13E-03 | 1.15E-03 | | | | | | | | | | | | | | | |
| 224 | Campground 5 | 678511.1 | 4859808.6 | | | 0.83 | 142.62 | 328.76 | | 1.97 | 8.58 | | 1.35 | 0.03 | 0.03 | 0.11 | 0.03 | 0.07 | 0.14 | 0.03 | 0.09 | | 9.55E-03 | 0.01 | 2.68E-03 | 9.88E-04 | | | | | | | | | | | | | | | |
| 225 | Campground 6 | 678869.5 | 4859696.0 | | | 1.60 | 274.33 | 632.41 | | 3.80 | 16.50 | | 2.59 | 0.07 | 0.07 | 0.22 | 0.07 | 0.13 | 0.26 | 0.07 | 0.17 | | 0.02 | 0.02 | 5.16E-03 | 1.90E-03 | | | | | | | | | | | | | | | |
| 226 | Campground 7 | 678723.9 | 4860201.8 | | | 1.12 | 192.93 | 444.75 | | 2.67 | 11.60 | | 1.82 | 0.05 | 0.05 | 0.15 | 0.05 | 0.09 | 0.18 | 0.05 | 0.12 | | 0.01 | 0.02 | 3.62E-03 | 1.34E-03 | | | | | | | | | | | | | | | |
| 227 | Campground 8 | 678796.0 | 4860011.4 | | | 0.97 | 167.03 | 385.05 | | 2.31 | 10.04 | | 1.58 | 0.04 | 0.04 | 0.13 | 0.04 | 0.08 | 0.16 | 0.04 | 0.10 | | 0.01 | 0.01 | 3.14E-03 | 1.16E-03 | | | | | | | | | | | | | | | |
| 228 | Campground 9 | 678852.7 | 4859854.2 | | | 1.12 | 191.98 | 442.56 | | 2.66 | 11.55 | | 1.81 | 0.05 | 0.05 | 0.15 | 0.05 | 0.09 | 0.18 | 0.05 | 0.12 | | 0.01 | 0.02 | 3.61E-03 | 1.33E-03 | | | | | | | | | | | | | | | |
| 229 | Solina 1 | 681099.6 | 4861677.2 | | | 2.07 | 354.64 | 817.54 | | 4.90 | 21.33 | | 3.34 | 0.08 | 0.08 | 0.28 | 0.09 | 0.17 | 0.34 | 0.08 | 0.22 | | 0.02 | 0.03 | 6.65E-03 | 2.45E-03 | | | | | | | | | | | | | | | |
| 230 | Solina 2 | 681115.7 | 4861857.7 | | | 1.78 | 306.25 | 705.98 | | 4.23 | 18.42 | | 2.89 | 0.07 | 0.07 | 0.25 | 0.07 | 0.15 | 0.29 | 0.07 | 0.19 | | 0.02 | 0.03 | 5.74E-03 | 2.12E-03 | | | | | | | | | | | | | | | |
| 231 | Solina 3 | 680987.4 | 4861983.5 | | | 1.42 | 243.59 | 561.53 | | 3.36 | 14.65 | | 2.29 | 0.06 | 0.06 | 0.20 | 0.06 | 0.12 | 0.23 | 0.06 | 0.15 | | 0.02 | 0.02 | 4.57E-03 | 1.68E-03 | | | | | | | | | | | | | | | |
| 232 | Solina 4 | 680965.0 | 4862068.1 | | | 1.34 | 229.09 | 528.11 | | 3.16 | 13.78 | | 2.16 | 0.05 | 0.05 | 0.18 | 0.06 | 0.11 | 0.22 | 0.05 | 0.14 | | 0.02 | 0.02 | 4.29E-03 | 1.58E-03 | | | | | | | | | | | | | | | |
| 233 | Solina 5 | 681021.5 | 4862086.7 | | | 1.33 | 228.31 | 526.32 | | 3.15 | 13.73 | | 2.15 | 0.05 | 0.05 | 0.18 | 0.06 | 0.11 | 0.22 | 0.05 | 0.14 | | 0.02 | 0.02 | 4.28E-03 | 1.58E-03 | | | | | | | | | | | | | | | |
| 234 | Solina 6 | 680939.8 | 4862124.3 | | | 1.30 | 223.31 | 514.79 | | 3.08 | 13.43 | | 2.10 | 0.05 | 0.05 | 0.18 | 0.05 | 0.11 | 0.21 | 0.05 | 0.14 | | 0.01 | 0.02 | 4.19E-03 | 1.54E-03 | | | | | | | | | | | | | | | |
| 235 | Solina 7 | 680988.2 | 4862183.6 | | | 1.26 | 215.68 | 497.20 | | 2.98 | 12.97 | | 2.03 | 0.05 | 0.05 | 0.17 | 0.05 | 0.10 | 0.20 | 0.05 | 0.13 | | 0.01 | 0.02 | 4.04E-03 | 1.49E-03 | | | | | | | | | | | | | | | |
| 236 | Solina 8 | 680984.6 | 4862209.8 | | | 1.24 | 212.78 | 490.52 | | 2.94 | 12.80 | | 2.01 | 0.05 | 0.05 | 0.17 | 0.05 | 0.10 | 0.20 | 0.05 | 0.13 | | 0.01 | 0.02 | 3.99E-03 | 1.47E-03 | | | | | | | | | | | | | | | |
| 237 | Solina 9 | 680958.6 | 4862294.9 | | | 1.20 | 206.20 | 475.34 | | 2.84 | 12.40 | | 1.94 | 0.05 | 0.05 | 0.17 | 0.05 | 0.10 | 0.20 | 0.05 | 0.13 | | 0.01 | 0.02 | 3.87E-03 | 1.42E-03 | | | | | | | | | | | | | | | |
| 238 | Solina 10 | 680858.0 | 4862324.3 | | | 1.20 | 206.56 | 476.17 | | 2.85 | 12.42 | | 1.95 | 0.05 | 0.05 | 0.17 | 0.05 | 0.10 | 0.20 | 0.05 | 0.13 | | 0.01 | 0.02 | 3.87E-03 | 1.43E-03 | | | | | | | | | | | | | | | |
| 239 | Solina 11 | 680990.3 | 4862403.5 | | | 1.14 | 195.73 | 451.21 | | 2.70 | 11.77 | | 1.84 | 0.05 | 0.05 | 0.16 | 0.05 | 0.09 | 0.19 | 0.05 | 0.12 | | 0.01 | 0.02 | 3.67E-03 | 1.35E-03 | | | | | | | | | | | | | | | |
| 240 | Recreational 1 | 681545.0 | 4860865.0 | | | 1.69 | 289.39 | 667.11 | | 3.99 | 17.40 | | 2.72 | 0.07 | 0.07 | 0.23 | 0.07 | 0.14 | 0.27 | 0.07 | 0.18 | | 0.02 | 0.02 | 5.42E-03 | 2.00E-03 | | | | | | | | | | | | | | | |
| 241 | Recreational 2 | 681563.7 | 4860687.4 | | | 1.58 | 271.41 | 625.65 | | 3.74 | 16.32 | | 2.56 | 0.06 | 0.06 | 0.22 | 0.07 | 0.13 | 0.26 | 0.06 | 0.17 | | 0.02 | 0.02 | 5.09E-03 | 1.87E-03 | | | | | | | | | | | | | | | |
| 242 | Recreational 3 | 681579.7 | 4860610.0 | | | 1.46 | 249.67 | 575.55 | | 3.44 | 15.01 | | 2.35 | 0.06 | 0.06 | 0.20 | 0.06 | 0.12 | 0.24 | 0.06 | 0.16 | | 0.02 | 0.02 | 4.68E-03 | 1.72E-03 | | | | | | | | | | | | | | | |
| 243 | Recreational 6 | 681876.6 | 4860254.4 | | | 1.17 | 200.10 | 461.29 | | 2.76 | 12.03 | | 1.89 | 0.05 | 0.05 | 0.16 | 0.05 | 0.10 | 0.19 | 0.05 | 0.12 | | 0.01 | 0.02 | 3.76E-03 | 1.38E-03 | | | | | | | | | | | | | | | |
| 244 | Recreational 7 | 682166.9 | 4860324.4 | | | 0.96 | 164.72 | 379.72 | | 2.27 | 9.91 | | 1.55 | 0.04 | 0.04 | 0.13 | 0.04 | 0.08 | 0.16 | 0.04 | 0.10 | | 0.01 | 0.01 | 3.09E-03 | 1.14E-03 | | | | | | | | | | | | | | | |
| 245 | Darlington 1 | 679565.4 | 4861052.9 | | | 2.25 | 385.69 | 889.11 | | 5.35 | 23.19 | | 3.65 | 0.09 | 0.09 | 0.31 | 0.09 | 0.18 | 0.37 | 0.09 | 0.24 | | 0.03 | 0.03 | 7.26E-03 | 2.68E-03 | | | | | | | | | | | | | | | |
| 246 | Darlington 2 | 679452.9 | 4861051.4 | | | 2.23 | 381.81 | 880.16 | | 5.30 | 22.96 | | 3.61 | 0.09 | 0.09 | 0.31 | 0.09 | 0.18 | 0.36 | 0.09 | 0.24 | | 0.03 | 0.03 | 7.19E-03 | 2.65E-03 | | | | | | | | | | | | | | | |
| 247 | Darlington 3 | 679130.5 | 4860948.8 | | | 2.71 | 465.25 | 1072.52 | | 6.45 | 27.98 | | 4.40 | 0.11 | 0.11 | 0.37 | 0.11 | 0.22 | 0.44 | 0.11 | 0.29 | | 0.03 | 0.04 | 8.75E-03 | 3.22E-03 | | | | | | | | | | | | | | | |
| 248 | Darlington 4 | 679112.6 | 4860941.9 | | | 2.73 | 468.25 | 1079.42 | | 6.49 | 28.16 | | 4.42 | 0.11 | 0.11 | 0.38 | 0.11 | 0.22 | 0.45 | 0.11 | 0.29 | | 0.03 | 0.04 | 8.80E-03 | 3.24E-03 | | | | | | | | | | | | | | | |
| 249 | Darlington 5 | 679057.6 | 4860994.1 | | | 2.54 | 436.66 | 1006.62 | | 6.05 | 26.26 | | 4.13 | 0.10 | 0.10 | 0.35 | 0.11 | 0.21 | 0.42 | 0.10 | 0.27 | | 0.03 | 0.04 | 8.21E-03 | 3.03E-03 | | | | | | | | | | | | | | | |
| 250 | Darlington 6 | 679075.2 | 4860931.6 | | | 2.72 | 466.27 | 1074.86 | | 6.46 | 28.04 | | 4.41 | 0.11 | 0.11 | 0.37 | 0.11 | 0.22 | 0.44 | 0.11 | 0.29 | | 0.03 | 0.04 | 8.77E-03 | 3.23E-03 | | | | | | | | | | | | | | | |
| 251 | Darlington 7 | 678814.3 | 4860843.1 | | | 1.97 | 338.37 | 780.02 | | 4.68 | 20.35 | | 3.20 | 0.08 | 0.08 | 0.27 | 0.08 | 0.16 | 0.32 | 0.08 | 0.21 | | 0.02 | 0.03 | 6.36E-03 | 2.34E-03 | | | | | | | | | | | | | | | |
| 252 | Darlington 8 | 678840.4 | 4860777.1 | | | 1.99 | 341.30 | 786.78 | | 4.71 | 20.52 | | 3.22 | 0.08 | 0.08 | 0.27 | 0.08 | 0.16 | 0.32 | 0.08 | 0.21 | | 0.02 | 0.03 | 6.41E-03 | 2.36E-03 | | | | | | | | | | | | | | | |
| 253 | Light Ind. 1 | 680000.1 | 4861034.1 | | | 2.45 | 419.58 | 967.24 | | 5.79 | 25.23 | | 3.95 | 0.10 | 0.10 | 0.34 | 0.10 | 0.20 | 0.40 | 0.10 | 0.26 | | 0.03 | 0.04 | 7.86E-03 | 2.90E-03 | | | | | | | | | | | | | | | |
| 254 | Light Ind. 2 | 680060.7 | 4861056.4 | | | 2.49 | 426.82 | 983.92 | | 5.89 | 25.67 | | 4.02 | 0.10 | 0.10 | 0.34 | 0.10 | 0.20 | 0.40 | 0.10 | 0.27 | | 0.03 | 0.04 | 7.99E-03 | 2.95E-03 | | | | | | | | | | | | | | | |
| 255 | Light Ind. 3 | 680291.2 | 4861151.6 | | | 3.50 | 600.61 | 1384.55 | | 8.29 | 36.12 | | 5.65 | 0.14 | 0.14 | 0.48 | 0.14 | 0.28 | 0.57 | 0.14 | 0.37 | | 0.04 | 0.05 | 0.01 | 4.15E-03 | | | | | | | | | | | | | | | |
| 256 | Light Ind. 4 | 680536.3 | 4861204.6 | | | 2.45 | 421.18 | 970.93 | | 5.81 | 25.33 | | 3.96 | 0.10 | 0.10 | 0.34 | 0.10 | 0.20 | 0.40 | 0.10 | 0.26 | | 0.03 | 0.04 | 7.88E-03 | 2.91E-03 | | | | | | | | | | | | | | | |
| 257 | Light Ind. 5 | 680350.4 | 4861290.6 | | | 2.72 | 466.35 | 1075.04 | | 6.44 | 28.04 | | 4.39 | 0.11 | 0.11 | 0.37 | 0.11 | 0.22 | 0.44 | 0.11 | 0.29 | | 0.03 | 0.04 | 8.73E-03 | 3.22E-03 | | | | | | | | | | | | | | | |
| 258 | Light Ind. 6 | 680306.9 | 4861275.6 | | | 2.98 | 510.93 | 1177.81 | | 7.05 | 30.73 | | 4.81 | 0.12 | 0.12 | 0.41 | 0.12 | 0.24 | 0.48 | 0.12 | 0.32 | | 0.03 | 0.04 | 9.57E-03 | 3.53E-03 | | | | | | | | | | | | | | | |
| 259 | Light Ind. 7 | 680267.2 | 4861262.4 | | | 3.16 | 542.40 | 1250.36 | | 7.49 | 32.62 | | 5.11 | 0.13 | 0.13 | 0.43 | 0.13 | 0.26 | 0.51 | 0.13 | 0.34 | | 0.04 | 0.05 | 0.01 | 3.74E-03 | | | | | | | | | | | | | | | |
| 260 | Light Ind. 8 | 680233.6 | 4861250.7 | | | 3.19 | 547.96 | 1263.17 | | 7.56 | 32.95 | | 5.16 | 0.13 | 0.13 | 0.44 | 0.13 | 0.26 | 0.52 | 0.13 | 0.34 | | 0.04 | 0.05 | 0.01 | 3.78E-03 | | | | | | | | | | | | | | | |
| 261 | Light Ind. 9 | 680175.3 | 4861227.5 | | | 3.00 | 515.55 | 1188.47 | | 7.12 | 31.00 | | 4.85 | 0.12 | 0.12 | 0.41 | 0.12 | 0.24 | 0.49 | 0.12 | 0.32 | | 0.03 | 0.04 | 9.66E-03 | 3.56E-03 | | | | | | | | | | | | | | | |
| 262 | Light Ind. 10 | 680092.5 | 4861185.1 | | | 2.45 | 420.28 | 968.84 | | 5.80 | 25.27 | | 3.96 | 0.10 | 0.10 | 0.34 | 0.10 | 0.20 | 0.40 | 0.10 | 0.26 | | 0.03 | 0.04 | 7.87E-03 | 2.90E-03 | | | | | | | | | | | | | | | |
| 263 | Light Ind. 11 | 680071.6 | 4861246.6 | | | 2.30 | 395.35 | 911.37 | | 5.46 | 23.77 | | 3.72 | 0.09 | 0.09 | 0.32 | 0.10 | 0.19 | 0.38 | 0.09 | 0.25 | | 0.03 | 0.03 | 7.41E-03 | 2.73E-03 | | | | | | | | | | | | | | | |
| 264 | Light Ind. 12 | 680021.4 | 4861186.9 | | | 2.18 | 374.58 | 863.49 | | 5.17 | 22.53 | | 3.53 | 0.09 | 0.09 | 0.30 | 0.09 | 0.18 | 0.36 | 0.09 | 0.23 | | 0.02 | 0.03 | 7.02E-03 | 2.59E-03 | | | | | | | | | | | | | | | |
| 265 | Future Industrial 7 | 680816.2 | 4860219.3 | | | 3.31 | 568.41 | 1310.32 | | 7.89 | 34.18 | | 5.38 | 0.14 | 0.14 | 0.46 | 0.14 | 0.27 | 0.54 | 0.14 | 0.36 | | 0.04 | 0.05 | 0.01 | 3.94E-03 | | | | | | | | | | | | | | | |
| 266 | Future Industrial 8 | 680398.0 | 4860731.8 | | | 4.20 | 720.40 | 1660.70 | | 9.94 | 43.32 | | 6.77 | 0.17 | 0.17 | 0.58 | 0.17 | 0.34 | 0.68 | 0.17 | 0.45 | | 0.05 | 0.06 | 0.01 | 4.97E-03 | | | | | | | | | | | | | | | |
| 267 | Future Industrial 1 | 680359.6 | 4859959.2 | | | 2.76 | 473.99 | 1092.67 | | 6.55 | 28.50 | | 4.47 | 0.11 | 0.11 | 0.38 | 0.11 | 0.22 | 0.45 | 0.11 | 0.30 | | 0.03 | 0.04 | 8.89E-03 | 3.28E-03 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E (m) | UTM N (m) | Contaminant Vapour (V)/Particulate (P) Phase Updated Facility Contaminant Emission Rate (g/s) | Chlorinated Polycyclic Aromatics | Vanadium | Zinc | Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb) | Mercury | Mercury | Mercury | Chlorinated Monocyclic Aromatics | 1,2-Dichlorobenzene | 1,2,4,5-Tetrachlorobenzene | 1,2,4-Trichlorobenzene | 2,3,4,6-Tetrachlorophenol | 2,4,6-Trichlorophenol | 2,4-Dichlorophenol | Pentachlorophenol | Hexachlorobenzene | Pentachlorobenzene | Polycyclic Organic Matter | Acenaphthylene | Acenaphthene | Anthracene | Benzo(a)anthracene | | | | | | |
|----------|----------------------------|------------------|------------------|---|----------------------------------|----------|--------|--|---------|----------|----------|----------------------------------|---------------------|----------------------------|------------------------|---------------------------|-----------------------|--------------------|-------------------|-------------------|--------------------|---------------------------|----------------|--------------|------------|--------------------|---|---|---|---|---|---|
| | | | | | | P | P | P | | V | P | | V | V | V | V | V | V | V | V | V | | V | V | V | V | V | V | V | V | V | V |
| | | | | | | 1.36E-04 | 0.02 | 0.05 | | 3.51E-04 | 1.40E-03 | | 2.39E-04 | 6.02E-06 | 6.02E-06 | 2.03E-05 | 6.12E-06 | 1.20E-05 | 2.41E-05 | 6.02E-06 | 1.58E-05 | | 1.70E-06 | 2.18E-06 | 4.76E-07 | 1.75E-07 | | | | | | |
| 276 | Farmer | 679277.0 | 4859981.5 | | | 1.58 | 270.80 | 624.27 | | 3.74 | 16.29 | | 2.55 | 0.06 | 0.06 | 0.22 | 0.07 | 0.13 | 0.26 | 0.06 | 0.17 | | 0.02 | 0.02 | 5.08E-03 | 1.87E-03 | | | | | | |
| 277 | Residence | 679387.2 | 4860648.9 | | | 3.01 | 516.56 | 1190.80 | | 7.14 | 31.06 | | 4.87 | 0.12 | 0.12 | 0.41 | 0.12 | 0.25 | 0.49 | 0.12 | 0.32 | | 0.03 | 0.04 | 9.69E-03 | 3.57E-03 | | | | | | |
| 278 | Barn | 679261.9 | 4860574.2 | | | 2.51 | 431.49 | 994.68 | | 5.95 | 25.95 | | 4.07 | 0.10 | 0.10 | 0.35 | 0.10 | 0.20 | 0.41 | 0.10 | 0.27 | | 0.03 | 0.04 | 8.09E-03 | 2.98E-03 | | | | | | |
| 279 | Residence | 680150.7 | 4861295.7 | | | 2.76 | 473.00 | 1090.37 | | 6.53 | 28.44 | | 4.45 | 0.11 | 0.11 | 0.38 | 0.11 | 0.22 | 0.45 | 0.11 | 0.29 | | 0.03 | 0.04 | 8.86E-03 | 3.27E-03 | | | | | | |
| 280 | Residence | 679939.8 | 4861213.4 | | | 2.02 | 346.68 | 799.18 | | 4.78 | 20.85 | | 3.26 | 0.08 | 0.08 | 0.28 | 0.08 | 0.16 | 0.33 | 0.08 | 0.22 | | 0.02 | 0.03 | 6.49E-03 | 2.39E-03 | | | | | | |
| 281 | Farmer | 680855.7 | 4861456.9 | | | 2.05 | 351.24 | 809.69 | | 4.85 | 21.12 | | 3.31 | 0.08 | 0.08 | 0.28 | 0.08 | 0.17 | 0.33 | 0.08 | 0.22 | | 0.02 | 0.03 | 6.58E-03 | 2.42E-03 | | | | | | |
| 282 | Farmer | 681386.2 | 4861673.3 | | | 2.14 | 366.75 | 845.46 | | 5.06 | 22.06 | | 3.46 | 0.09 | 0.09 | 0.29 | 0.09 | 0.17 | 0.35 | 0.09 | 0.23 | | 0.02 | 0.03 | 6.88E-03 | 2.53E-03 | | | | | | |
| 283 | Residence | 680683.5 | 4861597.9 | | | 1.73 | 296.16 | 682.73 | | 4.09 | 17.81 | | 2.79 | 0.07 | 0.07 | 0.24 | 0.07 | 0.14 | 0.28 | 0.07 | 0.18 | | 0.02 | 0.03 | 5.55E-03 | 2.04E-03 | | | | | | |
| 284 | Business | 680064.3 | 4861343.7 | | | 2.23 | 382.03 | 880.68 | | 5.27 | 22.97 | | 3.60 | 0.09 | 0.09 | 0.31 | 0.09 | 0.18 | 0.36 | 0.09 | 0.24 | | 0.03 | 0.03 | 7.16E-03 | 2.64E-03 | | | | | | |
| 285 | Farmer | 679680.1 | 4861213.5 | | | 2.20 | 376.86 | 868.74 | | 5.23 | 22.66 | | 3.57 | 0.09 | 0.09 | 0.30 | 0.09 | 0.18 | 0.36 | 0.09 | 0.24 | | 0.03 | 0.03 | 7.09E-03 | 2.61E-03 | | | | | | |
| 286 | Farmer | 681344.8 | 4861792.9 | | | 1.90 | 325.25 | 749.77 | | 4.49 | 19.56 | | 3.06 | 0.08 | 0.08 | 0.26 | 0.08 | 0.15 | 0.31 | 0.08 | 0.20 | | 0.02 | 0.03 | 6.10E-03 | 2.25E-03 | | | | | | |
| 287 | Youth Centre | 685644.2 | 4864814.8 | | | 0.49 | 83.85 | 193.29 | | 1.13 | 5.04 | | 0.80 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | 5.65E-03 | 7.25E-03 | 1.59E-03 | 5.85E-04 | | | | | | |
| 288 | Bowmanville Arena | 685462.9 | 4864615.2 | | | 0.51 | 86.89 | 200.30 | | 1.18 | 5.23 | | 0.83 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | 5.85E-03 | 7.51E-03 | 1.64E-03 | 6.06E-04 | | | | | | |
| 289 | Bowmanville Rec Complex | 684160.3 | 4864604.5 | | | 0.64 | 110.06 | 253.72 | | 1.48 | 6.62 | | 1.04 | 0.03 | 0.03 | 0.09 | 0.03 | 0.05 | 0.11 | 0.03 | 0.07 | | 7.39E-03 | 9.47E-03 | 2.07E-03 | 7.64E-04 | | | | | | |
| 290 | Recreation Complex | 684586.6 | 4862406.3 | | | 0.45 | 76.84 | 177.13 | | 1.04 | 4.62 | | 0.73 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.07 | 0.02 | 0.05 | | 5.15E-03 | 6.61E-03 | 1.45E-03 | 5.33E-04 | | | | | | |
| 291 | Superdog Central | 681487.7 | 4865723.3 | | | 0.41 | 70.08 | 161.56 | | 0.95 | 4.21 | | 0.66 | 0.02 | 0.02 | 0.06 | 0.02 | 0.03 | 0.07 | 0.02 | 0.04 | | 4.70E-03 | 6.02E-03 | 1.32E-03 | 4.86E-04 | | | | | | |
| 292 | Equestrian Centre | 681567.1 | 4863670.7 | | | 0.69 | 117.66 | 271.23 | | 1.62 | 7.08 | | 1.11 | 0.03 | 0.03 | 0.09 | 0.03 | 0.06 | 0.11 | 0.03 | 0.07 | | 7.88E-03 | 0.01 | 2.21E-03 | 8.15E-04 | | | | | | |
| 293 | Flea Market | 678574.6 | 4862819.4 | | | 0.64 | 109.36 | 252.10 | | 1.51 | 6.58 | | 1.03 | 0.03 | 0.03 | 0.09 | 0.03 | 0.05 | 0.10 | 0.03 | 0.07 | | 7.32E-03 | 9.39E-03 | 2.06E-03 | 7.58E-04 | | | | | | |
| 294 | Equestrian Centre | 680030.8 | 4867320.2 | | | 0.27 | 46.47 | 107.14 | | 0.61 | 2.79 | | 0.44 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.04 | 0.01 | 0.03 | | 3.13E-03 | 4.02E-03 | 8.79E-04 | 3.24E-04 | | | | | | |
| 295 | Courtice Community Complex | 678099.3 | 4864629.8 | | | 0.40 | 68.09 | 156.97 | | 0.93 | 4.09 | | 0.65 | 0.02 | 0.02 | 0.06 | 0.02 | 0.03 | 0.07 | 0.02 | 0.04 | | 4.59E-03 | 5.89E-03 | 1.29E-03 | 4.75E-04 | | | | | | |
| 296 | Former Restaurant | 679830.2 | 4860702.2 | | | 4.77 | 817.83 | 1885.28 | | 11.31 | 49.18 | | 7.71 | 0.19 | 0.19 | 0.66 | 0.20 | 0.39 | 0.78 | 0.19 | 0.51 | | 0.05 | 0.07 | 0.02 | 5.65E-03 | | | | | | |
| 297 | Commercial | 679364.8 | 4861016.0 | | | 2.38 | 408.42 | 941.51 | | 5.66 | 24.56 | | 3.86 | 0.10 | 0.10 | 0.33 | 0.10 | 0.19 | 0.39 | 0.10 | 0.26 | | 0.03 | 0.04 | 7.69E-03 | 2.83E-03 | | | | | | |
| 298 | GM Oshawa Headquarters | 676418.3 | 4860463.7 | | | 0.65 | 111.73 | 257.56 | | 1.54 | 6.72 | | 1.06 | 0.03 | 0.03 | 0.09 | 0.03 | 0.05 | 0.11 | 0.03 | 0.07 | | 7.51E-03 | 9.63E-03 | 2.11E-03 | 7.77E-04 | | | | | | |
| 299 | Farm A? | 682972.3 | 4862201.9 | | | 0.92 | 157.93 | 364.06 | | 2.18 | 9.50 | | 1.49 | 0.04 | 0.04 | 0.13 | 0.04 | 0.08 | 0.15 | 0.04 | 0.10 | | 0.01 | 0.01 | 2.97E-03 | 1.09E-03 | | | | | | |
| 300 | Farm B? | 683546.9 | 4861959.7 | | | 0.62 | 105.72 | 243.70 | | 1.45 | 6.36 | | 1.00 | 0.03 | 0.03 | 0.08 | 0.03 | 0.05 | 0.10 | 0.03 | 0.07 | | 7.08E-03 | 9.08E-03 | 1.99E-03 | 7.33E-04 | | | | | | |
| 301 | Farm C? | 682547.5 | 4862321.1 | | | 1.32 | 227.33 | 524.06 | | 3.13 | 13.67 | | 2.15 | 0.05 | 0.05 | 0.18 | 0.05 | 0.11 | 0.22 | 0.05 | 0.14 | | 0.02 | 0.02 | 4.28E-03 | 1.58E-03 | | | | | | |
| 302 | Farm D? | 683238.3 | 4862393.3 | | | 0.82 | 140.88 | 324.77 | | 1.94 | 8.47 | | 1.33 | 0.03 | 0.03 | 0.11 | 0.03 | 0.07 | 0.13 | 0.03 | 0.09 | | 9.44E-03 | 0.01 | 2.65E-03 | 9.76E-04 | | | | | | |
| 303 | Farm E? | 682512.6 | 4862858.0 | | | 1.13 | 194.63 | 448.66 | | 2.67 | 11.70 | | 1.84 | 0.05 | 0.05 | 0.16 | 0.05 | 0.09 | 0.19 | 0.05 | 0.12 | | 0.01 | 0.02 | 3.66E-03 | 1.35E-03 | | | | | | |
| 304 | Farm F? | 683129.1 | 4863649.4 | | | 0.87 | 149.42 | 344.45 | | 2.03 | 8.99 | | 1.41 | 0.04 | 0.04 | 0.12 | 0.04 | 0.07 | 0.14 | 0.04 | 0.09 | | 0.01 | 0.01 | 2.81E-03 | 1.04E-03 | | | | | | |
| 305 | Bennett 1 | 688209.3 | 4862512.1 | | | 0.19 | 33.28 | 76.73 | | 0.44 | 2.00 | | 0.32 | 7.96E-03 | 7.96E-03 | 0.03 | 8.09E-03 | 0.02 | 0.03 | 7.96E-03 | 0.02 | | 2.24E-03 | 2.88E-03 | 6.29E-04 | 2.32E-04 | | | | | | |
| 306 | Bennett 2 | 687990.0 | 4863221.3 | | | 0.21 | 36.63 | 84.44 | | 0.49 | 2.20 | | 0.35 | 8.80E-03 | 8.80E-03 | 0.03 | 8.95E-03 | 0.02 | 0.04 | 8.80E-03 | 0.02 | | 2.48E-03 | 3.18E-03 | 6.96E-04 | 2.56E-04 | | | | | | |
| 307 | Bennett 3 | 688818.4 | 4862836.3 | | | 0.18 | 31.49 | 72.60 | | 0.42 | 1.89 | | 0.30 | 7.53E-03 | 7.53E-03 | 0.03 | 7.65E-03 | 0.02 | 0.03 | 7.53E-03 | 0.02 | | 2.12E-03 | 2.72E-03 | 5.95E-04 | 2.19E-04 | | | | | | |
| 308 | Bennett 4 | 689045.1 | 4863365.5 | | | 0.19 | 31.92 | 73.58 | | 0.43 | 1.92 | | 0.31 | 7.68E-03 | 7.68E-03 | 0.03 | 7.81E-03 | 0.02 | 0.03 | 7.68E-03 | 0.02 | | 2.16E-03 | 2.77E-03 | 6.07E-04 | 2.24E-04 | | | | | | |
| 309 | Bennett 5 | 688270.5 | 4863763.1 | | | 0.23 | 39.04 | 90.01 | | 0.52 | 2.35 | | 0.37 | 9.39E-03 | 9.39E-03 | 0.03 | 9.54E-03 | 0.02 | 0.04 | 9.39E-03 | 0.02 | | 2.64E-03 | 3.39E-03 | 7.42E-04 | 2.73E-04 | | | | | | |
| 310 | Bennett 6 | 689908.5 | 4863100.5 | | | 0.16 | 27.28 | 62.89 | | 0.36 | 1.64 | | 0.26 | 6.52E-03 | 6.52E-03 | 0.02 | 6.63E-03 | 0.01 | 0.03 | 6.52E-03 | 0.02 | | 1.84E-03 | 2.36E-03 | 5.15E-04 | 1.90E-04 | | | | | | |
| 311 | Bennett 7 | 688929.9 | 4864392.0 | | | 0.22 | 37.18 | 85.71 | | 0.50 | 2.24 | | 0.36 | 8.94E-03 | 8.94E-03 | 0.03 | 9.09E-03 | 0.02 | 0.04 | 8.94E-03 | 0.02 | | 2.52E-03 | 3.23E-03 | 7.07E-04 | 2.60E-04 | | | | | | |
| 312 | Bennett 8 | 689684.2 | 4863837.7 | | | 0.18 | 30.84 | 71.11 | | 0.41 | 1.85 | | 0.30 | 7.43E-03 | 7.43E-03 | 0.03 | 7.55E-03 | 0.01 | 0.03 | 7.43E-03 | 0.02 | | 2.09E-03 | 2.68E-03 | 5.87E-04 | 2.16E-04 | | | | | | |
| 313 | Soper 1 | 687557.9 | 4862512.4 | | | 0.22 | 37.52 | 86.48 | | 0.50 | 2.26 | | 0.36 | 8.97E-03 | 8.97E-03 | 0.03 | 9.11E-03 | 0.02 | 0.04 | 8.97E-03 | 0.02 | | 2.52E-03 | 3.24E-03 | 7.09E-04 | 2.61E-04 | | | | | | |
| 314 | Soper 2 | 687241.9 | 4863171.7 | | | 0.25 | 42.28 | 97.46 | | 0.57 | 2.54 | | 0.40 | 0.01 | 0.01 | 0.03 | 0.01 | 0.02 | 0.04 | 0.01 | 0.03 | | 2.85E-03 | 3.66E-03 | 8.01E-04 | 2.95E-04 | | | | | | |
| 315 | Soper 3 | 687023.2 | 4863903.8 | | | 0.27 | 45.99 | 106.01 | | 0.62 | 2.77 | | 0.44 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.04 | 0.01 | 0.03 | | 3.10E-03 | 3.98E-03 | 8.70E-04 | 3.21E-04 | | | | | | |
| 316 | Soper 4 | 688158.2 | 4865389.3 | | | 0.25 | 43.73 | 100.82 | | 0.58 | 2.63 | | 0.42 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.04 | 0.01 | 0.03 | | 2.95E-03 | 3.78E-03 | 8.27E-04 | 3.05E-04 | | | | | | |
| 317 | Soper 5 | 685027.3 | 4868253.9 | | | 0.34 | 57.58 | 132.74 | | 0.76 | 3.46 | | 0.55 | 0.01 | 0.01 | 0.05 | 0.01 | 0.03 | 0.06 | 0.01 | 0.04 | | 3.87E-03 | 4.97E-03 | 1.09E-03 | 4.01E-04 | | | | | | |
| 318 | Soper 6 | 687287.4 | 4867037.3 | | | 0.34 | 58.83 | 135.62 | | 0.78 | 3.54 | | 0.56 | 0.01 | 0.01 | 0.05 | 0.01 | 0.03 | 0.06 | 0.01 | 0.04 | | 3.97E-03 | 5.10E-03 | 1.12E-03 | 4.11E-04 | | | | | | |
| 319 | Soper 7 | 685683.2 | 4867148.1 | | | 0.38 | 65.43 | 150.82 | | 0.86 | 3.93 | | 0.62 | 0.02 | 0.02 | 0.05 | 0.02 | 0.03 | 0.06 | 0.02 | 0.04 | | 4.41E-03 | 5.65E-03 | 1.24E-03 | 4.56E-04 | | | | | | |
| 320 | Soper 8 | 686748.7 | 4865874.7 | | | 0.39 | 67.25 | 155.03 | | 0.90 | 4.04 | | 0.64 | 0.02 | 0.02 | 0.05 | 0.02 | 0.03 | 0.06 | 0.02 | 0.04 | | 4.54E-03 | 5.83E-03 | 1.27E-03 | 4.70E-04 | | | | | | |
| 321 | Bowmanville 1 | 687026.3 | 4862368.4 | | | 0.24 | 41.22 | 95.02 | | 0.55 | 2.48 | | 0.39 | 9.85E-03 | 9.85E-03 | 0.03 | 0.01 | 0.02 | 0.04 | 9.85E-03 | 0.03 | | 2.77E-03 | 3.56E-03 | 7.78E-0 | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Vanadium | Zinc | Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb) | Mercury | Mercury | Mercury | Chlorinated Monocyclic Aromatics | 1,2-Dichlorobenzene | 1,2,4,5-Tetrachlorobenzene | 1,2,4-Trichlorobenzene | 2,3,4,6-Tetrachlorophenol | 2,4,6-Trichlorophenol | 2,4-Dichlorophenol | Pentachlorophenol | Hexachlorobenzene | Pentachlorobenzene | Polycyclic Organic Matter | Acenaphthylene | Acenaphthene | Anthracene | Benzo(a)anthracene | | | | | | | | | | | | | | | |
|----------|------------------|----------|-----------|-------------|----------------------------------|----------|--------|--|---------|---------|---------|----------------------------------|---------------------|----------------------------|------------------------|---------------------------|-----------------------|--------------------|-------------------|-------------------|--------------------|---------------------------|----------------|--------------|------------|--------------------|--|----------|----------|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | Vapour (V)/Particulate (P) Phase | P | P | P | V | P | V | V | V | V | V | V | V | V | V |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | Updated Facility Contaminant Emission Rate (g/s) | 1.36E-04 | 0.02 | 0.05 | 3.51E-04 | 1.40E-03 | 2.39E-04 | 6.02E-06 | 6.02E-06 | 2.03E-05 | 6.12E-06 | 1.20E-05 | 2.41E-05 | 6.02E-06 | 1.58E-05 |
| 331 | Upper Tooley 4 | 678898.8 | 4861800.6 | | | 1.26 | 215.63 | 497.09 | | | 3.00 | 12.97 | | | 2.05 | 0.05 | 0.05 | 0.17 | 0.05 | 0.10 | 0.21 | 0.05 | 0.14 | | | 0.01 | 0.02 | 4.08E-03 | 1.50E-03 | | | | | | | | | | | | |
| 332 | Upper Tooley 5 | 680353.5 | 4862156.5 | | | 1.21 | 206.97 | 477.12 | | | 2.85 | 12.45 | | | 1.95 | 0.05 | 0.05 | 0.17 | 0.05 | 0.10 | 0.20 | 0.05 | 0.13 | | | 0.01 | 0.02 | 3.88E-03 | 1.43E-03 | | | | | | | | | | | | |
| 333 | Upper Tooley 6 | 679818.1 | 4861625.7 | | | 1.43 | 244.59 | 563.83 | | | 3.37 | 14.71 | | | 2.30 | 0.06 | 0.06 | 0.20 | 0.06 | 0.12 | 0.23 | 0.06 | 0.15 | | | 0.02 | 0.02 | 4.58E-03 | 1.69E-03 | | | | | | | | | | | | |
| 334 | Robinson 1 | 678434.8 | 4860943.1 | | | 1.56 | 266.85 | 615.14 | | | 3.69 | 16.05 | | | 2.52 | 0.06 | 0.06 | 0.21 | 0.06 | 0.13 | 0.25 | 0.06 | 0.17 | | | 0.02 | 0.02 | 5.02E-03 | 1.85E-03 | | | | | | | | | | | | |
| 335 | Robinson 2 | 677752.6 | 4861240.6 | | | 1.25 | 214.75 | 495.04 | | | 2.97 | 12.91 | | | 2.04 | 0.05 | 0.05 | 0.17 | 0.05 | 0.10 | 0.21 | 0.05 | 0.13 | | | 0.01 | 0.02 | 4.06E-03 | 1.50E-03 | | | | | | | | | | | | |
| 336 | Robinson 3 | 677642.2 | 4861787.2 | | | 1.06 | 181.91 | 419.35 | | | 2.52 | 10.94 | | | 1.73 | 0.04 | 0.04 | 0.15 | 0.04 | 0.09 | 0.17 | 0.04 | 0.11 | | | 0.01 | 0.02 | 3.45E-03 | 1.27E-03 | | | | | | | | | | | | |
| 337 | Robinson 4 | 678532.7 | 4862143.6 | | | 1.08 | 185.92 | 428.59 | | | 2.58 | 11.18 | | | 1.77 | 0.04 | 0.04 | 0.15 | 0.05 | 0.09 | 0.18 | 0.04 | 0.12 | | | 0.01 | 0.02 | 3.52E-03 | 1.30E-03 | | | | | | | | | | | | |
| 338 | Robinson 5 | 678005.1 | 4862784.9 | | | 0.86 | 147.15 | 339.22 | | | 2.04 | 8.85 | | | 1.40 | 0.04 | 0.04 | 0.12 | 0.04 | 0.07 | 0.14 | 0.04 | 0.09 | | | 9.94E-03 | 0.01 | 2.79E-03 | 1.03E-03 | | | | | | | | | | | | |
| 339 | Robinson 6 | 677882.7 | 4860587.7 | | | 1.09 | 187.49 | 432.20 | | | 2.59 | 11.27 | | | 1.77 | 0.04 | 0.04 | 0.15 | 0.05 | 0.09 | 0.18 | 0.04 | 0.12 | | | 0.01 | 0.02 | 3.53E-03 | 1.30E-03 | | | | | | | | | | | | |
| 340 | F/B 1 | 677443.1 | 4867862.1 | | | 0.27 | 45.85 | 105.69 | | | 0.62 | 2.76 | | | 0.44 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.04 | 0.01 | 0.03 | | | 3.15E-03 | 4.05E-03 | 8.85E-04 | 3.26E-04 | | | | | | | | | | | | |
| 341 | F/B 2 | 679667.4 | 4866611.4 | | | 0.36 | 62.32 | 143.65 | | | 0.83 | 3.75 | | | 0.59 | 0.01 | 0.01 | 0.05 | 0.02 | 0.03 | 0.06 | 0.01 | 0.04 | | | 4.20E-03 | 5.39E-03 | 1.18E-03 | 4.35E-04 | | | | | | | | | | | | |
| 342 | F/B 3 | 678655.0 | 4867470.1 | | | 0.39 | 67.05 | 154.57 | | | 0.90 | 4.03 | | | 0.65 | 0.02 | 0.02 | 0.05 | 0.02 | 0.03 | 0.07 | 0.02 | 0.04 | | | 4.57E-03 | 5.87E-03 | 1.28E-03 | 4.73E-04 | | | | | | | | | | | | |
| 343 | F/B 4 | 676191.2 | 4866844.7 | | | 0.22 | 38.54 | 88.84 | | | 0.53 | 2.32 | | | 0.37 | 9.40E-03 | 9.40E-03 | 0.03 | 9.55E-03 | 0.02 | 0.04 | 9.40E-03 | 0.02 | | | 2.65E-03 | 3.39E-03 | 7.42E-04 | 2.74E-04 | | | | | | | | | | | | |
| 344 | F/B 5 | 678273.3 | 4866093.0 | | | 0.37 | 62.86 | 144.90 | | | 0.86 | 3.78 | | | 0.60 | 0.02 | 0.02 | 0.05 | 0.02 | 0.03 | 0.06 | 0.02 | 0.04 | | | 4.28E-03 | 5.48E-03 | 1.20E-03 | 4.42E-04 | | | | | | | | | | | | |
| 345 | F/B 6 | 681241.2 | 4867098.8 | | | 0.31 | 52.88 | 121.90 | | | 0.70 | 3.18 | | | 0.50 | 0.01 | 0.01 | 0.04 | 0.01 | 0.03 | 0.05 | 0.01 | 0.03 | | | 3.54E-03 | 4.54E-03 | 9.94E-04 | 3.66E-04 | | | | | | | | | | | | |
| 346 | F/B 7 | 682165.3 | 4868082.3 | | | 0.29 | 49.49 | 114.08 | | | 0.66 | 2.98 | | | 0.47 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.05 | 0.01 | 0.03 | | | 3.32E-03 | 4.26E-03 | 9.32E-04 | 3.43E-04 | | | | | | | | | | | | |
| 347 | F/B 8 | 679366.6 | 4868628.3 | | | 0.27 | 45.59 | 105.09 | | | 0.60 | 2.74 | | | 0.44 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.04 | 0.01 | 0.03 | | | 3.10E-03 | 3.97E-03 | 8.69E-04 | 3.20E-04 | | | | | | | | | | | | |
| 348 | F/B 9 | 680310.1 | 4869967.1 | | | 0.18 | 31.64 | 72.95 | | | 0.41 | 1.90 | | | 0.30 | 7.58E-03 | 7.58E-03 | 0.03 | 7.70E-03 | 0.02 | 0.03 | 7.58E-03 | 0.02 | | | 2.13E-03 | 2.74E-03 | 5.99E-04 | 2.21E-04 | | | | | | | | | | | | |
| 349 | F/B 10 | 676487.3 | 4869291.6 | | | 0.20 | 34.35 | 79.17 | | | 0.46 | 2.07 | | | 0.33 | 8.40E-03 | 8.40E-03 | 0.03 | 8.54E-03 | 0.02 | 0.03 | 8.40E-03 | 0.02 | | | 2.37E-03 | 3.03E-03 | 6.64E-04 | 2.45E-04 | | | | | | | | | | | | |
| 350 | F/B 11 | 676851.4 | 4865409.3 | | | 0.29 | 48.92 | 112.77 | | | 0.67 | 2.94 | | | 0.47 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.05 | 0.01 | 0.03 | | | 3.33E-03 | 4.28E-03 | 9.36E-04 | 3.45E-04 | | | | | | | | | | | | |
| 351 | F/B 12 | 681153.3 | 4868682.2 | | | 0.25 | 42.93 | 98.96 | | | 0.56 | 2.58 | | | 0.41 | 0.01 | 0.01 | 0.03 | 0.01 | 0.02 | 0.04 | 0.01 | 0.03 | | | 2.88E-03 | 3.69E-03 | 8.08E-04 | 2.98E-04 | | | | | | | | | | | | |
| 352 | F/B 13 | 675416.3 | 4859833.9 | | | 0.39 | 66.69 | 153.73 | | | 0.91 | 4.01 | | | 0.63 | 0.02 | 0.02 | 0.05 | 0.02 | 0.03 | 0.06 | 0.02 | 0.04 | | | 4.49E-03 | 5.76E-03 | 1.26E-03 | 4.64E-04 | | | | | | | | | | | | |
| 353 | Second 1 | 675153.4 | 4860552.8 | | | 0.48 | 82.10 | 189.25 | | | 1.12 | 4.94 | | | 0.78 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | | 5.53E-03 | 7.10E-03 | 1.55E-03 | 5.72E-04 | | | | | | | | | | | | |
| 354 | Second 2 | 675297.5 | 4860891.3 | | | 0.50 | 85.23 | 196.48 | | | 1.17 | 5.13 | | | 0.81 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | | 5.75E-03 | 7.38E-03 | 1.62E-03 | 5.95E-04 | | | | | | | | | | | | |
| 355 | Second 3 | 675647.2 | 4860644.9 | | | 0.55 | 93.77 | 216.17 | | | 1.28 | 5.64 | | | 0.89 | 0.02 | 0.02 | 0.08 | 0.02 | 0.04 | 0.09 | 0.02 | 0.06 | | | 6.31E-03 | 8.10E-03 | 1.77E-03 | 6.53E-04 | | | | | | | | | | | | |
| 356 | Second 4 | 675670.5 | 4860076.5 | | | 0.46 | 78.88 | 181.84 | | | 1.08 | 4.74 | | | 0.75 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | | 5.31E-03 | 6.82E-03 | 1.49E-03 | 5.50E-04 | | | | | | | | | | | | |
| 357 | Second 5 | 676043.3 | 4860319.1 | | | 0.56 | 96.37 | 222.17 | | | 1.33 | 5.80 | | | 0.91 | 0.02 | 0.02 | 0.08 | 0.02 | 0.05 | 0.09 | 0.02 | 0.06 | | | 6.48E-03 | 8.32E-03 | 1.82E-03 | 6.71E-04 | | | | | | | | | | | | |
| 358 | Second 6 | 675923.4 | 4859821.4 | | | 0.42 | 72.32 | 166.71 | | | 0.99 | 4.35 | | | 0.69 | 0.02 | 0.02 | 0.06 | 0.02 | 0.03 | 0.07 | 0.02 | 0.05 | | | 4.86E-03 | 6.24E-03 | 1.36E-03 | 5.03E-04 | | | | | | | | | | | | |
| 359 | McLaughlin Bay 1 | 676714.7 | 4860903.8 | | | 0.71 | 121.30 | 279.63 | | | 1.67 | 7.29 | | | 1.15 | 0.03 | 0.03 | 0.10 | 0.03 | 0.06 | 0.12 | 0.03 | 0.08 | | | 8.16E-03 | 0.01 | 2.29E-03 | 8.44E-04 | | | | | | | | | | | | |
| 360 | McLaughlin Bay 2 | 677310.8 | 4860528.2 | | | 0.88 | 151.14 | 348.41 | | | 2.08 | 9.09 | | | 1.43 | 0.04 | 0.04 | 0.12 | 0.04 | 0.07 | 0.14 | 0.04 | 0.09 | | | 0.01 | 0.01 | 2.85E-03 | 1.05E-03 | | | | | | | | | | | | |
| 361 | McLaughlin Bay 3 | 676563.5 | 4860260.1 | | | 0.63 | 107.51 | 247.83 | | | 1.48 | 6.47 | | | 1.02 | 0.03 | 0.03 | 0.09 | 0.03 | 0.05 | 0.10 | 0.03 | 0.07 | | | 7.23E-03 | 9.27E-03 | 2.03E-03 | 7.48E-04 | | | | | | | | | | | | |
| 362 | McLaughlin Bay 4 | 676699.5 | 4859696.6 | | | 0.47 | 81.30 | 187.43 | | | 1.12 | 4.89 | | | 0.77 | 0.02 | 0.02 | 0.07 | 0.02 | 0.04 | 0.08 | 0.02 | 0.05 | | | 5.46E-03 | 7.00E-03 | 1.53E-03 | 5.65E-04 | | | | | | | | | | | | |
| 363 | McLaughlin Bay 5 | 677560.0 | 4860060.1 | | | 0.68 | 115.91 | 267.20 | | | 1.60 | 6.97 | | | 1.10 | 0.03 | 0.03 | 0.09 | 0.03 | 0.06 | 0.11 | 0.03 | 0.07 | | | 7.78E-03 | 9.97E-03 | 2.18E-03 | 8.04E-04 | | | | | | | | | | | | |
| 364 | McLaughlin Bay 6 | 678204.5 | 4859832.5 | | | 0.70 | 120.14 | 276.94 | | | 1.66 | 7.22 | | | 1.14 | 0.03 | 0.03 | 0.10 | 0.03 | 0.06 | 0.11 | 0.03 | 0.08 | | | 8.05E-03 | 0.01 | 2.26E-03 | 8.33E-04 | | | | | | | | | | | | |
| 365 | Harmony Creek 1 | 674178.3 | 4861024.2 | | | 0.44 | 75.79 | 174.72 | | | 1.04 | 4.56 | | | 0.73 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.07 | 0.02 | 0.05 | | | 5.16E-03 | 6.61E-03 | 1.45E-03 | 5.33E-04 | | | | | | | | | | | | |
| 366 | Harmony Creek 2 | 674592.0 | 4862605.3 | | | 0.60 | 103.16 | 237.80 | | | 1.42 | 6.20 | | | 1.00 | 0.03 | 0.03 | 0.08 | 0.03 | 0.05 | 0.10 | 0.03 | 0.07 | | | 7.07E-03 | 9.07E-03 | 1.98E-03 | 7.31E-04 | | | | | | | | | | | | |
| 367 | Harmony Creek 3 | 672863.4 | 4862808.0 | | | 0.44 | 75.17 | 173.28 | | | 1.03 | 4.52 | | | 0.73 | 0.02 | 0.02 | 0.06 | 0.02 | 0.04 | 0.07 | 0.02 | 0.05 | | | 5.21E-03 | 6.68E-03 | 1.46E-03 | 5.39E-04 | | | | | | | | | | | | |
| 368 | Harmony Creek 4 | 675671.6 | 4864469.0 | | | 0.37 | 63.47 | 146.30 | | | 0.86 | 3.82 | | | 0.61 | 0.02 | 0.02 | 0.05 | 0.02 | 0.03 | 0.06 | 0.02 | 0.04 | | | 4.34E-03 | 5.56E-03 | 1.22E-03 | 4.49E-04 | | | | | | | | | | | | |
| 369 | Harmony Creek 5 | 672443.1 | 4864713.0 | | | 0.28 | 47.72 | 110.02 | | | 0.66 | 2.87 | | | 0.47 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.05 | 0.01 | 0.03 | | | 3.37E-03 | 4.32E-03 | 9.45E-04 | 3.48E-04 | | | | | | | | | | | | |
| 370 | Harmony Creek 6 | 674830.5 | 4866909.6 | | | 0.29 | 49.14 | 113.28 | | | 0.65 | 2.96 | | | 0.47 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.05 | 0.01 | 0.03 | | | 3.37E-03 | 4.32E-03 | 9.45E-04 | 3.48E-04 | | | | | | | | | | | | |
| 371 | Harmony Creek 7 | 675799.9 | 4868594.1 | | | 0.18 | 31.23 | 72.00 | | | 0.42 | 1.88 | | | 0.30 | 7.63E-03 | 7.63E-03 | 0.03 | 7.76E-03 | 0.02 | 0.03 | 7.63E-03 | 0.02 | | | 2.15E-03 | 2.76E-03 | 6.03E-04 | 2.22E-04 | | | | | | | | | | | | |
| 372 | Westside 1 | 686082.6 | 4862776.6 | | | 0.30 | 52.25 | 120.46 | | | 0.71 | 3.14 | | | 0.50 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.05 | 0.01 | 0.03 | | | 3.51E-03 | 4.51E-03 | 9.86E-04 | 3.63E-04 | | | | | | | | | | | | |
| 373 | Westside 2 | 685778.7 | 4862137.9 | | | 0.30 | 51.26 | 118.18 | | | 0.69 | 3.08 | | | 0.49 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.05 | 0.01 | 0.03 | | | 3.44E-03 | 4.42E-03 | 9.67E-04 | 3.56E-04 | | | | | | | | | | | | |
| 374 | Westside 3 | 685084.2 | 4862827.4 | | | 0.40 | 68.88 | 158.78 | | | 0.93 | 4.14 | | | 0.65 | 0.02 | 0.02 | 0.06 | 0.02 | 0.03 | 0.07 | 0.02 | 0.04 | | | | | | | | | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Vanadium | Zinc | Sum of (As, Ni, Co, Pb, Cr, Cu, V, Mn, Sb) | Mercury | Mercury | Mercury | Chlorinated Monocyclic Aromatics | 1,2-Dichlorobenzene | 1,2,4,5-Tetrachlorobenzene | 1,2,4-Trichlorobenzene | 2,3,4,6-Tetrachlorophenol | 2,4,6-Trichlorophenol | 2,4-Dichlorophenol | Pentachlorophenol | Hexachlorobenzene | Pentachlorobenzene | Polycyclic Organic Matter | Acenaphthylene | Acenaphthene | Anthracene | Benzo(a)anthracene | |
|----------|-------------------|----------|-----------|--|----------------------------------|----------|--------|--|---------|---------|---------|----------------------------------|---------------------|----------------------------|------------------------|---------------------------|-----------------------|--------------------|-------------------|-------------------|--------------------|---------------------------|----------------|--------------|------------|--------------------|--|
| | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | | 0.35 | 59.44 | 137.02 | | 0.82 | 3.57 | | 0.58 | 0.01 | 0.01 | 0.05 | 0.01 | 0.03 | 0.06 | 0.01 | 0.04 | | 4.08E-03 | 5.24E-03 | 1.15E-03 | 4.22E-04 | |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | | 0.28 | 48.42 | 111.61 | | 0.66 | 2.91 | | 0.46 | 0.01 | 0.01 | 0.04 | 0.01 | 0.02 | 0.05 | 0.01 | 0.03 | | 3.29E-03 | 4.22E-03 | 9.24E-04 | 3.41E-04 | |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | | 0.35 | 60.25 | 138.90 | | 0.83 | 3.62 | | 0.58 | 0.01 | 0.01 | 0.05 | 0.01 | 0.03 | 0.06 | 0.01 | 0.04 | | 4.08E-03 | 5.23E-03 | 1.14E-03 | 4.22E-04 | |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | | 0.25 | 42.34 | 97.60 | | 0.57 | 2.55 | | 0.40 | 0.01 | 0.01 | 0.03 | 0.01 | 0.02 | 0.04 | 0.01 | 0.03 | | 2.86E-03 | 3.66E-03 | 8.02E-04 | 2.96E-04 | |
| 390 | Farmer | 677409.8 | 4861051.4 | | | 1.05 | 180.11 | 415.19 | | 2.48 | 10.83 | | 1.71 | 0.04 | 0.04 | 0.14 | 0.04 | 0.09 | 0.17 | 0.04 | 0.11 | | 0.01 | 0.02 | 3.39E-03 | 1.25E-03 | |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | | 0.22 | 37.63 | 86.75 | | 0.50 | 2.26 | | 0.36 | 9.04E-03 | 9.04E-03 | 0.03 | 9.18E-03 | 0.02 | 0.04 | 9.04E-03 | 0.02 | | 2.55E-03 | 3.26E-03 | 7.14E-04 | 2.63E-04 | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)fluorene | Benzo(b)fluorene | Benzo(ghi)perylene | Benzo(a)pyrene | Benzo(e)pyrene | Biphenyl | 2-chloronaphthalene | Chrysene | Coronene | Dibenzo(a,c)anthracene | Dibenzo(a,h)anthracene | Dibenzo(a,e)pyrene | 9,10-dimethylanthracene | 7,12-dimethylbenzo(a)anthracene | Fluoranthene | Fluorine | Indeno(1,2,3-cd)pyrene | 2-methylanthracene | 3-methylanthracene | 1-methylanthracene | | | | | |
|----------|----------------------------|----------|-----------|-------------|----------------------------------|--|----------------------|------------------|------------------|--------------------|----------------|----------------|----------|---------------------|----------|----------|------------------------|------------------------|--------------------|-------------------------|---------------------------------|--------------|----------|------------------------|--------------------|--------------------|--------------------|----------|---|---|---|---|
| | | | | | | Vapour (V)/Particulate (P) Phase | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | | Updated Facility Contaminant Emission Rate (g/s) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | (m) | (m) | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | 4.48E-07 | 1.18E-07 | 3.23E-06 | 2.21E-06 | 4.83E-06 | 4.02E-07 | 1.02E-06 | 3.49E-04 | | 4.41E-07 | | 3.13E-06 | 1.42E-07 | | | | 4.87E-06 | 3.66E-06 | 8.82E-07 | | | | 1.15E-05 | | | | |
| 1 | Campground 10 | 678526.8 | 485996.8 | | | 2.47E-03 | 6.51E-04 | 0.02 | 0.01 | 0.03 | 2.22E-03 | 5.62E-03 | 1.92 | 0.00E+00 | 2.43E-03 | 0.00E+00 | 0.02 | 7.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.03 | 0.02 | 4.86E-03 | 0.00E+00 | 0.00E+00 | 0.06 | | | | | |
| 2 | ECO 2 | 675490.4 | 4860360.1 | | | 1.52E-03 | 4.00E-04 | 0.01 | 7.48E-03 | 0.02 | 1.36E-03 | 3.45E-03 | 1.18 | 0.00E+00 | 1.49E-03 | 0.00E+00 | 0.01 | 4.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 2.98E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | | | | |
| 3 | Recreational 5 | 681642.0 | 4860349.3 | | | 4.23E-03 | 1.12E-03 | 0.03 | 0.02 | 0.05 | 3.80E-03 | 9.63E-03 | 3.30 | 0.00E+00 | 4.17E-03 | 0.00E+00 | 0.03 | 1.34E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.05 | 0.03 | 8.34E-03 | 0.00E+00 | 0.00E+00 | 0.11 | | | | | |
| 4 | ECO 4 | 676831.5 | 4859840.9 | | | 1.54E-03 | 4.06E-04 | 0.01 | 7.60E-03 | 0.02 | 1.38E-03 | 3.50E-03 | 1.20 | 0.00E+00 | 1.52E-03 | 0.00E+00 | 0.01 | 4.86E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 3.03E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | | | | |
| 5 | Bow. Valley Cons. 3 | 685767.2 | 4863879.0 | | | 1.11E-03 | 2.94E-04 | 8.03E-03 | 5.50E-03 | 0.01 | 1.00E-03 | 2.53E-03 | 0.87 | 0.00E+00 | 1.10E-03 | 0.00E+00 | 7.79E-03 | 3.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 9.10E-03 | 2.19E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | |
| 6 | ECO 6 | 679647.8 | 4859989.3 | | | 8.58E-03 | 2.26E-03 | 0.06 | 0.04 | 0.09 | 7.71E-03 | 0.02 | 6.68 | 0.00E+00 | 8.45E-03 | 0.00E+00 | 0.06 | 2.71E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.09 | 0.07 | 0.02 | 0.00E+00 | 0.00E+00 | 0.22 | | | | | |
| 7 | ECO 7 | 681578.8 | 4862070.1 | | | 4.75E-03 | 1.25E-03 | 0.03 | 0.02 | 0.05 | 4.26E-03 | 0.01 | 3.70 | 0.00E+00 | 4.67E-03 | 0.00E+00 | 0.03 | 1.50E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.05 | 0.04 | 9.35E-03 | 0.00E+00 | 0.00E+00 | 0.12 | | | | | |
| 8 | ECO 8 | 679735.5 | 4861048.6 | | | 7.84E-03 | 2.07E-03 | 0.06 | 0.04 | 0.08 | 7.04E-03 | 0.02 | 6.11 | 0.00E+00 | 7.72E-03 | 0.00E+00 | 0.05 | 2.48E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.09 | 0.06 | 0.02 | 0.00E+00 | 0.00E+00 | 0.20 | | | | | |
| 9 | ECO 9 | 687219.7 | 4864249.3 | | | 8.04E-04 | 2.12E-04 | 5.80E-03 | 3.97E-03 | 8.66E-03 | 7.22E-04 | 1.83E-03 | 0.63 | 0.00E+00 | 7.91E-04 | 0.00E+00 | 5.62E-03 | 2.54E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.73E-03 | 6.57E-03 | 1.58E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | |
| 10 | ECO 10 | 686519.0 | 4861987.6 | | | 7.44E-04 | 1.96E-04 | 5.37E-03 | 3.67E-03 | 8.02E-03 | 6.68E-04 | 1.69E-03 | 0.58 | 0.00E+00 | 7.33E-04 | 0.00E+00 | 5.21E-03 | 2.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.08E-03 | 6.08E-03 | 1.47E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | |
| 11 | ECO 11 | 679870.4 | 4859737.9 | | | 5.41E-03 | 1.43E-03 | 0.04 | 0.03 | 0.06 | 4.86E-03 | 0.01 | 4.21 | 0.00E+00 | 5.32E-03 | 0.00E+00 | 0.04 | 1.71E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.06 | 0.04 | 0.01 | 0.00E+00 | 0.00E+00 | 0.14 | | | | | |
| 12 | Recreational 4 | 681575.5 | 4860557.7 | | | 4.07E-03 | 1.07E-03 | 0.03 | 0.02 | 0.04 | 3.65E-03 | 9.25E-03 | 3.17 | 0.00E+00 | 4.00E-03 | 0.00E+00 | 0.03 | 1.28E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.04 | 0.03 | 8.01E-03 | 0.00E+00 | 0.00E+00 | 0.10 | | | | | |
| 13 | Future Industrial 9 | 680704.5 | 4859857.8 | | | 6.68E-03 | 1.76E-03 | 0.05 | 0.03 | 0.07 | 6.00E-03 | 0.02 | 5.20 | 0.00E+00 | 6.58E-03 | 0.00E+00 | 0.05 | 2.11E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.07 | 0.05 | 0.01 | 0.00E+00 | 0.00E+00 | 0.17 | | | | | |
| 14 | Future Industrial 10 | 680608.0 | 4860719.6 | | | 0.01 | 3.21E-03 | 0.09 | 0.06 | 0.13 | 0.01 | 0.03 | 9.49 | 0.00E+00 | 0.01 | 0.00E+00 | 0.09 | 3.85E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.13 | 0.10 | 0.02 | 0.00E+00 | 0.00E+00 | 0.31 | | | | | |
| 15 | Harmony Creek | 673992.4 | 4865641.4 | | | 7.66E-04 | 2.02E-04 | 5.53E-03 | 3.78E-03 | 8.26E-03 | 6.88E-04 | 1.74E-03 | 0.60 | 0.00E+00 | 7.54E-04 | 0.00E+00 | 5.36E-03 | 2.42E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.32E-03 | 6.26E-03 | 1.51E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | |
| 16 | Farewell Creek | 678079.2 | 4868822.7 | | | 9.16E-04 | 2.42E-04 | 6.61E-03 | 4.52E-03 | 9.88E-03 | 8.23E-04 | 2.08E-03 | 0.71 | 0.00E+00 | 9.02E-04 | 0.00E+00 | 6.41E-03 | 2.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.95E-03 | 7.49E-03 | 1.80E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | |
| 17 | Farmer | 681378.6 | 4860335.0 | | | 5.53E-03 | 1.46E-03 | 0.04 | 0.03 | 0.06 | 4.97E-03 | 0.01 | 4.31 | 0.00E+00 | 5.44E-03 | 0.00E+00 | 0.04 | 1.75E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.06 | 0.05 | 0.01 | 0.00E+00 | 0.00E+00 | 0.14 | | | | | |
| 18 | Watson Farm | 682883.4 | 4864219.7 | | | 2.02E-03 | 5.32E-04 | 0.01 | 9.97E-03 | 0.02 | 1.81E-03 | 4.59E-03 | 1.57 | 0.00E+00 | 1.99E-03 | 0.00E+00 | 0.01 | 6.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 3.97E-03 | 0.00E+00 | 0.00E+00 | 0.05 | | | | | |
| 19 | Racanski Farm | 678929.2 | 4865530.2 | | | 1.54E-03 | 4.07E-04 | 0.01 | 7.61E-03 | 0.02 | 1.39E-03 | 3.51E-03 | 1.20 | 0.00E+00 | 1.52E-03 | 0.00E+00 | 0.01 | 4.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 3.04E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | | | | |
| 20 | Zoo | 687216.8 | 4864835.3 | | | 8.76E-04 | 2.31E-04 | 6.32E-03 | 4.32E-03 | 9.44E-03 | 7.87E-04 | 1.99E-03 | 0.68 | 0.00E+00 | 8.62E-04 | 0.00E+00 | 6.13E-03 | 2.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.51E-03 | 7.16E-03 | 1.72E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | |
| 21 | Cedar Crest Beach | 686652.1 | 4861660.9 | | | 7.28E-04 | 1.92E-04 | 5.25E-03 | 3.60E-03 | 7.85E-03 | 6.54E-04 | 1.66E-03 | 0.57 | 0.00E+00 | 7.17E-04 | 0.00E+00 | 5.10E-03 | 2.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.91E-03 | 5.95E-03 | 1.43E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | |
| 22 | Darlington Prov Park Beach | 677844.6 | 4859718.2 | | | 1.83E-03 | 4.82E-04 | 0.01 | 9.03E-03 | 0.02 | 1.64E-03 | 4.16E-03 | 1.42 | 0.00E+00 | 1.80E-03 | 0.00E+00 | 0.01 | 5.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 3.60E-03 | 0.00E+00 | 0.00E+00 | 0.05 | | | | | |
| 23 | OPG 1 | 682258.1 | 4860045.0 | | | 2.49E-03 | 6.57E-04 | 0.02 | 0.01 | 0.03 | 2.24E-03 | 5.66E-03 | 1.94 | 0.00E+00 | 2.45E-03 | 0.00E+00 | 0.02 | 7.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.03 | 0.02 | 4.90E-03 | 0.00E+00 | 0.00E+00 | 0.06 | | | | | |
| 24 | OPG 2 | 682551.4 | 4859889.1 | | | 2.00E-03 | 5.28E-04 | 0.01 | 9.88E-03 | 0.02 | 1.80E-03 | 4.55E-03 | 1.56 | 0.00E+00 | 1.97E-03 | 0.00E+00 | 0.01 | 6.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 3.94E-03 | 0.00E+00 | 0.00E+00 | 0.05 | | | | | |
| 25 | OPG 3 | 682824.6 | 4859759.3 | | | 1.62E-03 | 4.26E-04 | 0.01 | 7.98E-03 | 0.02 | 1.45E-03 | 3.68E-03 | 1.26 | 0.00E+00 | 1.59E-03 | 0.00E+00 | 0.01 | 5.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 3.18E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | | | | |
| 26 | OPG 4 | 683021.6 | 4859937.3 | | | 1.86E-03 | 4.91E-04 | 0.01 | 9.18E-03 | 0.02 | 1.67E-03 | 4.23E-03 | 1.45 | 0.00E+00 | 1.83E-03 | 0.00E+00 | 0.01 | 5.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 3.66E-03 | 0.00E+00 | 0.00E+00 | 0.05 | | | | | |
| 27 | OPG 5 | 683318.2 | 4859677.8 | | | 1.36E-03 | 3.59E-04 | 9.82E-03 | 6.72E-03 | 0.01 | 1.22E-03 | 3.10E-03 | 1.06 | 0.00E+00 | 1.34E-03 | 0.00E+00 | 9.53E-03 | 4.30E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.68E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | |
| 28 | OPG 6 | 683306.9 | 4860023.0 | | | 1.93E-03 | 5.08E-04 | 0.01 | 9.51E-03 | 0.02 | 1.73E-03 | 4.38E-03 | 1.50 | 0.00E+00 | 1.90E-03 | 0.00E+00 | 0.01 | 6.09E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 3.79E-03 | 0.00E+00 | 0.00E+00 | 0.05 | | | | | |
| 29 | OPG 7 | 683718.6 | 4859915.8 | | | 1.62E-03 | 4.28E-04 | 0.01 | 8.01E-03 | 0.02 | 1.46E-03 | 3.69E-03 | 1.26 | 0.00E+00 | 1.60E-03 | 0.00E+00 | 0.01 | 5.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 3.19E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | | | | |
| 30 | OPG 8 | 682702.0 | 4859986.6 | | | 2.21E-03 | 5.84E-04 | 0.02 | 0.01 | 0.02 | 1.99E-03 | 5.04E-03 | 1.72 | 0.00E+00 | 2.18E-03 | 0.00E+00 | 0.02 | 7.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 4.36E-03 | 0.00E+00 | 0.00E+00 | 0.06 | | | | | |
| 31 | OPG 9 | 684347.7 | 4861184.6 | | | 1.27E-03 | 3.36E-04 | 9.19E-03 | 6.29E-03 | 0.01 | 1.14E-03 | 2.90E-03 | 0.99 | 0.00E+00 | 1.25E-03 | 0.00E+00 | 8.92E-03 | 4.03E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.51E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | |
| 32 | OPG 10 | 682157.2 | 4861228.2 | | | 3.74E-03 | 9.85E-04 | 0.03 | 0.02 | 0.04 | 3.36E-03 | 8.50E-03 | 2.91 | 0.00E+00 | 3.68E-03 | 0.00E+00 | 0.03 | 1.18E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.04 | 0.03 | 7.36E-03 | 0.00E+00 | 0.00E+00 | 0.10 | | | | | |
| 33 | St. Mary's 1 | 684557.0 | 4861070.0 | | | 1.28E-03 | 3.37E-04 | 9.22E-03 | 6.31E-03 | 0.01 | 1.15E-03 | 2.90E-03 | 0.99 | 0.00E+00 | 1.26E-03 | 0.00E+00 | 8.94E-03 | 4.03E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.51E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | |
| 34 | St. Mary's 2 | 684657.3 | 4861320.8 | | | 1.16E-03 | 3.06E-04 | 8.38E-03 | 5.73E-03 | 0.01 | 1.04E-03 | 2.64E-03 | 0.90 | 0.00E+00 | 1.14E-03 | 0.00E+00 | 8.13E-03 | 3.67E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 9.49E-03 | 2.29E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | |
| 35 | St. Mary's 3 | 684905.3 | 4861154.4 | | | 1.14E-03 | 3.02E-04 | 8.26E-03 | 5.65E-03 | 0.01 | 1.03E-03 | 2.60E-03 | 0.89 | 0.00E+00 | 1.13E-03 | 0.00E+00 | 8.01E-03 | 3.62E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 9.35E-03 | 2.25E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | |
| 36 | Court. Subdivision 1 | 677328.4 | 4862976.1 | | | 1.90E-03 | 5.01E-04 | 0.01 | 9.38E-03 | 0.02 | 1.71E-03 | 4.32E-03 | 1.48 | 0.00E+00 | 1.87E-03 | 0.00E+00 | 0.01 | 6.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 3.74E-03 | 0.00E+00 | 0.00E+00 | 0.05 | | | | | |
| 37 | Court. Subdivision 2 | 676187.9 | 4862611.1 | | | 1.93E-03 | 5.09E-04 | 0.0 | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)fluorene | Benzo(b)fluorene | Benzo(ghi)perylene | Benzo(a)pyrene | Benzo(e)pyrene | Biphenyl | 2-chloronaphthalene | Chrysene | Coronene | Dibenzo(a,c)anthracene | Dibenzo(a,h)anthracene | Dibenzo(a,e)pyrene | 9,10-dimethylanthracene | 7,12-dimethylbenzo(a)anthracene | Fluoranthene | Fluorine | Indeno(1,2,3-cd)pyrene | 2-methylanthracene | 3-methylanthracene | 1-methylanthracene | | |
|----------|--------------------------|----------|-----------|--|----------------------------------|----------------------|----------------------|------------------|------------------|--------------------|----------------|----------------|----------|---------------------|----------|----------|------------------------|------------------------|--------------------|-------------------------|---------------------------------|--------------|----------|------------------------|--------------------|--------------------|--------------------|---|----------|
| | | | | Vapour (V)/Particulate (P) Phase | | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | | 4.48E-07 | 1.18E-07 | 3.23E-06 | 2.21E-06 | 4.83E-06 | 4.02E-07 | 1.02E-06 | 3.49E-04 | | 4.41E-07 | | | 3.13E-06 | 1.42E-07 | | | | 4.87E-06 | 3.66E-06 | 8.82E-07 | | | | 1.15E-05 |
| 56 | Osh/Court Subdivision 1 | 677396.8 | 4860977.3 | | | 3.15E-03 | 8.30E-04 | 0.02 | 0.02 | 0.03 | 2.83E-03 | 7.16E-03 | 2.45 | 0.00E+00 | 3.10E-03 | 0.00E+00 | 0.02 | 9.95E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.03 | 0.03 | 6.20E-03 | 0.00E+00 | 0.00E+00 | 0.08 | | |
| 57 | Osh/Court Subdivision 2 | 676633.5 | 4860816.8 | | | 2.12E-03 | 5.58E-04 | 0.02 | 0.01 | 0.02 | 1.90E-03 | 4.82E-03 | 1.65 | 0.00E+00 | 2.08E-03 | 0.00E+00 | 0.01 | 6.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 4.17E-03 | 0.00E+00 | 0.00E+00 | 0.05 | | |
| 58 | Osh/Court Subdivision 3 | 676916.0 | 4861925.0 | | | 3.04E-03 | 8.01E-04 | 0.02 | 0.02 | 0.03 | 2.73E-03 | 6.91E-03 | 2.37 | 0.00E+00 | 2.99E-03 | 0.00E+00 | 0.02 | 9.60E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.03 | 0.02 | 5.98E-03 | 0.00E+00 | 0.00E+00 | 0.08 | | |
| 59 | Osh/Court Subdivision 4 | 676730.5 | 4861317.1 | | | 2.50E-03 | 6.58E-04 | 0.02 | 0.01 | 0.03 | 2.24E-03 | 5.68E-03 | 1.94 | 0.00E+00 | 2.46E-03 | 0.00E+00 | 0.02 | 7.89E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.03 | 0.02 | 4.91E-03 | 0.00E+00 | 0.00E+00 | 0.06 | | |
| 60 | Osh/Court Subdivision 5 | 676087.2 | 4861392.3 | | | 2.03E-03 | 5.34E-04 | 0.01 | 0.01 | 0.02 | 1.82E-03 | 4.61E-03 | 1.58 | 0.00E+00 | 2.00E-03 | 0.00E+00 | 0.01 | 6.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 3.99E-03 | 0.00E+00 | 0.00E+00 | 0.05 | | |
| 61 | Osh/Court Subdivision 6 | 676177.1 | 4861722.2 | | | 2.48E-03 | 6.54E-04 | 0.02 | 0.01 | 0.03 | 2.23E-03 | 5.64E-03 | 1.93 | 0.00E+00 | 2.44E-03 | 0.00E+00 | 0.02 | 7.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.03 | 0.02 | 4.88E-03 | 0.00E+00 | 0.00E+00 | 0.06 | | |
| 62 | Osh/Court Subdivision 7 | 675670.7 | 4861783.2 | | | 2.12E-03 | 5.58E-04 | 0.02 | 0.01 | 0.02 | 1.90E-03 | 4.82E-03 | 1.65 | 0.00E+00 | 2.08E-03 | 0.00E+00 | 0.01 | 6.69E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 4.17E-03 | 0.00E+00 | 0.00E+00 | 0.05 | | |
| 63 | Osh/Court Subdivision 8 | 676050.8 | 4862055.7 | | | 2.67E-03 | 7.04E-04 | 0.02 | 0.01 | 0.03 | 2.40E-03 | 6.07E-03 | 2.08 | 0.00E+00 | 2.63E-03 | 0.00E+00 | 0.02 | 8.43E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.03 | 0.02 | 5.25E-03 | 0.00E+00 | 0.00E+00 | 0.07 | | |
| 64 | Osh/Court Subdivision 9 | 676636.9 | 4862134.3 | | | 2.69E-03 | 7.09E-04 | 0.02 | 0.01 | 0.03 | 2.41E-03 | 6.11E-03 | 2.09 | 0.00E+00 | 2.65E-03 | 0.00E+00 | 0.02 | 8.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.03 | 0.02 | 5.29E-03 | 0.00E+00 | 0.00E+00 | 0.07 | | |
| 65 | Osh/Court Subdivision 10 | 676571.3 | 4861634.8 | | | 2.77E-03 | 7.31E-04 | 0.02 | 0.01 | 0.03 | 2.49E-03 | 6.30E-03 | 2.16 | 0.00E+00 | 2.73E-03 | 0.00E+00 | 0.02 | 8.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.03 | 0.02 | 5.46E-03 | 0.00E+00 | 0.00E+00 | 0.07 | | |
| 66 | Bow. Subdivision 11 | 684649.2 | 4863182.7 | | | 1.51E-03 | 3.99E-04 | 0.01 | 7.47E-03 | 0.02 | 1.36E-03 | 3.44E-03 | 1.18 | 0.00E+00 | 1.49E-03 | 0.00E+00 | 0.01 | 4.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 2.98E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | |
| 67 | Daycare B | 685172.4 | 4863933.1 | | | 1.42E-03 | 3.74E-04 | 0.01 | 7.00E-03 | 0.02 | 1.27E-03 | 3.22E-03 | 1.10 | 0.00E+00 | 1.39E-03 | 0.00E+00 | 9.91E-03 | 4.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 2.79E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | |
| 68 | Daycare C | 685452.0 | 4863104.4 | | | 1.12E-03 | 2.94E-04 | 8.05E-03 | 5.51E-03 | 0.01 | 1.00E-03 | 2.54E-03 | 0.87 | 0.00E+00 | 1.10E-03 | 0.00E+00 | 7.80E-03 | 3.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 9.11E-03 | 2.20E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | |
| 69 | Daycare D | 685527.7 | 4864693.3 | | | 1.51E-03 | 3.97E-04 | 0.01 | 7.44E-03 | 0.02 | 1.35E-03 | 3.43E-03 | 1.17 | 0.00E+00 | 1.48E-03 | 0.00E+00 | 0.01 | 4.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 2.97E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | |
| 70 | Daycare E | 685735.4 | 4864790.8 | | | 1.42E-03 | 3.74E-04 | 0.01 | 7.00E-03 | 0.02 | 1.27E-03 | 3.23E-03 | 1.11 | 0.00E+00 | 1.40E-03 | 0.00E+00 | 9.93E-03 | 4.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 2.79E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | |
| 71 | Daycare F | 685520.3 | 4864854.3 | | | 1.53E-03 | 4.04E-04 | 0.01 | 7.56E-03 | 0.02 | 1.37E-03 | 3.48E-03 | 1.19 | 0.00E+00 | 1.51E-03 | 0.00E+00 | 0.01 | 4.84E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 3.01E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | |
| 72 | Daycare G | 685441.9 | 4864878.0 | | | 1.56E-03 | 4.11E-04 | 0.01 | 7.70E-03 | 0.02 | 1.40E-03 | 3.55E-03 | 1.21 | 0.00E+00 | 1.53E-03 | 0.00E+00 | 0.01 | 4.93E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 3.07E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | |
| 73 | Daycare H | 686364.8 | 4864707.8 | | | 1.10E-03 | 2.90E-04 | 7.95E-03 | 5.44E-03 | 0.01 | 9.89E-04 | 2.50E-03 | 0.86 | 0.00E+00 | 1.08E-03 | 0.00E+00 | 7.70E-03 | 3.48E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 9.00E-03 | 2.17E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | |
| 74 | Daycare I | 685721.6 | 4865127.3 | | | 1.47E-03 | 3.86E-04 | 0.01 | 7.23E-03 | 0.02 | 1.32E-03 | 3.33E-03 | 1.14 | 0.00E+00 | 1.44E-03 | 0.00E+00 | 0.01 | 4.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 2.88E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | |
| 75 | Daycare J | 678256.3 | 4863565.4 | | | 1.51E-03 | 3.99E-04 | 0.01 | 7.47E-03 | 0.02 | 1.36E-03 | 3.44E-03 | 1.18 | 0.00E+00 | 1.49E-03 | 0.00E+00 | 0.01 | 4.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 2.98E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | |
| 76 | Daycare K | 677694.1 | 4864043.7 | | | 1.21E-03 | 3.18E-04 | 8.70E-03 | 5.95E-03 | 0.01 | 1.08E-03 | 2.74E-03 | 0.94 | 0.00E+00 | 1.19E-03 | 0.00E+00 | 8.43E-03 | 3.81E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 9.85E-03 | 2.37E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | |
| 77 | Daycare L | 676479.5 | 4862526.2 | | | 1.98E-03 | 5.23E-04 | 0.01 | 9.80E-03 | 0.02 | 1.78E-03 | 4.51E-03 | 1.55 | 0.00E+00 | 1.95E-03 | 0.00E+00 | 0.01 | 6.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 3.91E-03 | 0.00E+00 | 0.00E+00 | 0.05 | | |
| 78 | Daycare M | 678320.9 | 4864763.5 | | | 1.28E-03 | 3.37E-04 | 9.23E-03 | 6.32E-03 | 0.01 | 1.15E-03 | 2.91E-03 | 1.00 | 0.00E+00 | 1.26E-03 | 0.00E+00 | 8.95E-03 | 4.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.52E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | |
| 79 | Daycare N | 678513.4 | 4865058.0 | | | 1.35E-03 | 3.56E-04 | 9.75E-03 | 6.67E-03 | 0.01 | 1.21E-03 | 3.07E-03 | 1.05 | 0.00E+00 | 1.33E-03 | 0.00E+00 | 9.45E-03 | 4.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.66E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | |
| 80 | Daycare O | 672788.7 | 4863936.6 | | | 1.17E-03 | 3.09E-04 | 8.44E-03 | 5.78E-03 | 0.01 | 1.05E-03 | 2.66E-03 | 0.91 | 0.00E+00 | 1.15E-03 | 0.00E+00 | 8.19E-03 | 3.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 9.56E-03 | 2.30E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | |
| 81 | Daycare P | 673952.8 | 4863592.5 | | | 1.31E-03 | 3.46E-04 | 9.47E-03 | 6.48E-03 | 0.01 | 1.18E-03 | 2.98E-03 | 1.02 | 0.00E+00 | 1.29E-03 | 0.00E+00 | 9.18E-03 | 4.15E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.58E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | |
| 82 | Daycare Q | 671751.8 | 4864887.7 | | | 8.63E-04 | 2.27E-04 | 6.23E-03 | 4.26E-03 | 9.30E-03 | 7.75E-04 | 1.96E-03 | 0.67 | 0.00E+00 | 8.49E-04 | 0.00E+00 | 6.04E-03 | 2.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.37E-03 | 7.05E-03 | 1.70E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | |
| 83 | Daycare R | 685714.4 | 4864667.4 | | | 1.41E-03 | 3.71E-04 | 0.01 | 6.95E-03 | 0.02 | 1.26E-03 | 3.20E-03 | 1.10 | 0.00E+00 | 1.39E-03 | 0.00E+00 | 9.85E-03 | 4.45E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 2.77E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | |
| 84 | Daycare S | 684177.9 | 4863618.2 | | | 2.26E-03 | 5.96E-04 | 0.02 | 0.01 | 0.02 | 2.03E-03 | 5.14E-03 | 1.76 | 0.00E+00 | 2.22E-03 | 0.00E+00 | 0.02 | 7.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 4.45E-03 | 0.00E+00 | 0.00E+00 | 0.06 | | |
| 85 | Daycare T | 678423.6 | 4864480.4 | | | 1.35E-03 | 3.56E-04 | 9.75E-03 | 6.67E-03 | 0.01 | 1.21E-03 | 3.07E-03 | 1.05 | 0.00E+00 | 1.33E-03 | 0.00E+00 | 9.45E-03 | 4.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.66E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | |
| 86 | Daycare U | 685330.5 | 4863435.1 | | | 1.26E-03 | 3.33E-04 | 9.11E-03 | 6.23E-03 | 0.01 | 1.13E-03 | 2.87E-03 | 0.98 | 0.00E+00 | 1.24E-03 | 0.00E+00 | 8.84E-03 | 3.99E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.49E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | |
| 87 | Daycare V | 685153.2 | 4863236.9 | | | 1.32E-03 | 3.47E-04 | 9.50E-03 | 6.50E-03 | 0.01 | 1.18E-03 | 2.99E-03 | 1.03 | 0.00E+00 | 1.30E-03 | 0.00E+00 | 9.21E-03 | 4.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.59E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | |
| 88 | Daycare W | 672679.0 | 4862044.9 | | | 1.01E-03 | 2.67E-04 | 7.32E-03 | 5.01E-03 | 0.01 | 9.11E-04 | 2.31E-03 | 0.79 | 0.00E+00 | 9.98E-04 | 0.00E+00 | 7.10E-03 | 3.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 8.29E-03 | 2.00E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | |
| 89 | Daycare X | 672076.5 | 4865285.8 | | | 7.43E-04 | 1.96E-04 | 5.36E-03 | 3.67E-03 | 8.02E-03 | 6.68E-04 | 1.69E-03 | 0.58 | 0.00E+00 | 7.32E-04 | 0.00E+00 | 5.20E-03 | 2.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.07E-03 | 6.08E-03 | 1.46E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | |
| 90 | Daycare Y | 672638.0 | 4859664.4 | | | 7.39E-04 | 1.95E-04 | 5.33E-03 | 3.65E-03 | 7.97E-03 | 6.63E-04 | 1.68E-03 | 0.58 | 0.00E+00 | 7.27E-04 | 0.00E+00 | 5.17E-03 | 2.33E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.02E-03 | 6.04E-03 | 1.45E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | |
| 91 | Daycare Z | 673735.9 | 4858958.0 | | | 7.23E-04 | 1.91E-04 | 5.22E-03 | 3.57E-03 | 7.80E-03 | 6.50E-04 | 1.64E-03 | 0.56 | 0.00E+00 | 7.12E-04 | 0.00E+00 | 5.06E-03 | 2.28E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.86E-03 | 5.91E-03 | 1.42E-03 | 0.00E+ | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)fluorene | Benzo(b)fluorene | Benzo(ghi)perylene | Benzo(a)pyrene | Benzo(e)pyrene | Biphenyl | 2-chloronaphthalene | Chrysene | Coronene | Dibenzo(a,h)anthracene | Dibenzo(a,k)anthracene | Dibenzo(a,l)anthracene | 9,10-dimethylanthracene | 7,12-dimethylanthracene | Fluoranthene | Fluorine | Indeno(1,2,3-cd)pyrene | 2-methylanthracene | 3-methylanthracene | 1-methylanthracene | | | | | | |
|----------|------------------------|----------|-----------|-------------|----------------------------------|----------------------|----------------------|--|------------------|--------------------|----------------|----------------|----------|---------------------|----------|----------|------------------------|------------------------|------------------------|-------------------------|-------------------------|--------------|----------|------------------------|--------------------|--------------------|--------------------|----------|---|---|---|---|---|
| | | | | | | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | | | | | | | | | | | | | | | | | | | | | | | | | |
| 111 | Comm. Resp. Services | 676045.4 | 4863902.5 | | | 4.48E-07 | 1.18E-07 | 3.23E-06 | 2.21E-06 | 4.83E-06 | 4.02E-07 | 1.02E-06 | 3.49E-04 | | 4.41E-07 | | 3.13E-06 | 1.42E-07 | | | | 4.87E-06 | 3.66E-06 | 8.82E-07 | | | | 1.15E-05 | | | | | |
| 112 | Hospital | 671712.7 | 4862364.1 | | | 1.28E-03 | 3.37E-04 | 9.23E-03 | 6.31E-03 | 0.01 | 1.15E-03 | 2.91E-03 | 1.00 | 0.00E+00 | 1.26E-03 | 0.00E+00 | 8.95E-03 | 4.04E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.52E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | |
| 113 | Retirement Residence A | 684199.9 | 4864120.3 | | | 8.93E-04 | 2.35E-04 | 6.44E-03 | 4.41E-03 | 9.63E-03 | 8.02E-04 | 2.03E-03 | 0.70 | 0.00E+00 | 8.79E-04 | 0.00E+00 | 6.25E-03 | 2.82E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.70E-03 | 7.30E-03 | 1.76E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | | |
| 114 | Retirement Residence B | 685483.9 | 4865150.9 | | | 2.15E-03 | 5.68E-04 | 0.02 | 0.01 | 0.02 | 1.93E-03 | 4.90E-03 | 1.68 | 0.00E+00 | 2.12E-03 | 0.00E+00 | 0.02 | 6.80E-04 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 4.24E-03 | 0.00E+00 | 0.00E+00 | 0.06 | | | | | | | |
| 115 | Retirement Residence C | 686844.0 | 4864732.1 | | | 1.54E-03 | 4.06E-04 | 0.01 | 7.59E-03 | 0.02 | 1.38E-03 | 3.50E-03 | 1.20 | 0.00E+00 | 1.51E-03 | 0.00E+00 | 0.01 | 4.86E-04 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 3.03E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | | | | | | |
| 116 | Retirement Residence D | 673481.7 | 4863343.4 | | | 9.73E-04 | 2.57E-04 | 7.02E-03 | 4.80E-03 | 0.01 | 8.74E-04 | 2.21E-03 | 0.76 | 0.00E+00 | 9.58E-04 | 0.00E+00 | 6.81E-03 | 3.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 7.95E-03 | 1.92E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | | |
| 117 | Retirement Residence E | 671825.2 | 4864399.0 | | | 1.44E-03 | 3.80E-04 | 0.01 | 7.12E-03 | 0.02 | 1.30E-03 | 3.28E-03 | 1.12 | 0.00E+00 | 1.42E-03 | 0.00E+00 | 0.01 | 4.56E-04 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 2.84E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | | | | | | |
| 118 | Retirement Residence F | 671606.3 | 4865336.0 | | | 1.01E-03 | 2.65E-04 | 7.26E-03 | 4.97E-03 | 0.01 | 9.03E-04 | 2.29E-03 | 0.78 | 0.00E+00 | 9.90E-04 | 0.00E+00 | 7.04E-03 | 3.18E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 8.22E-03 | 1.98E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | | |
| 119 | Retirement Residence G | 671357.1 | 4862958.7 | | | 9.63E-04 | 2.54E-04 | 6.95E-03 | 4.76E-03 | 0.01 | 8.65E-04 | 2.19E-03 | 0.75 | 0.00E+00 | 9.48E-04 | 0.00E+00 | 6.74E-03 | 3.04E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 7.87E-03 | 1.90E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | | | |
| 120 | Retirement Residence H | 671514.0 | 4862262.9 | | | 1.02E-03 | 2.68E-04 | 7.33E-03 | 5.02E-03 | 0.01 | 9.12E-04 | 2.31E-03 | 0.79 | 0.00E+00 | 1.00E-03 | 0.00E+00 | 7.11E-03 | 3.21E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 8.30E-03 | 2.00E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | | |
| 121 | Retirement Residence I | 672602.2 | 4863075.9 | | | 8.56E-04 | 2.26E-04 | 6.18E-03 | 4.23E-03 | 9.23E-03 | 7.69E-04 | 1.95E-03 | 0.67 | 0.00E+00 | 8.43E-04 | 0.00E+00 | 5.99E-03 | 2.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.30E-03 | 7.00E-03 | 1.69E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | | |
| 122 | Retirement Residence J | 671719.1 | 4862893.1 | | | 1.35E-03 | 3.57E-04 | 9.76E-03 | 6.68E-03 | 0.01 | 1.21E-03 | 3.08E-03 | 1.05 | 0.00E+00 | 1.33E-03 | 0.00E+00 | 9.46E-03 | 4.27E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.66E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | | |
| 123 | Retirement Residence K | 686718.0 | 4865648.7 | | | 1.08E-03 | 2.86E-04 | 7.82E-03 | 5.35E-03 | 0.01 | 9.74E-04 | 2.47E-03 | 0.84 | 0.00E+00 | 1.07E-03 | 0.00E+00 | 7.58E-03 | 3.42E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 8.86E-03 | 2.13E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | | |
| 124 | Retirement Residence L | 676168.7 | 4865669.9 | | | 1.19E-03 | 3.13E-04 | 8.56E-03 | 5.86E-03 | 0.01 | 1.07E-03 | 2.70E-03 | 0.92 | 0.00E+00 | 1.17E-03 | 0.00E+00 | 8.30E-03 | 3.75E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 9.70E-03 | 2.34E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | | |
| 125 | Retirement Residence M | 676118.5 | 4863980.7 | | | 9.84E-04 | 2.59E-04 | 7.10E-03 | 4.86E-03 | 0.01 | 8.84E-04 | 2.24E-03 | 0.77 | 0.00E+00 | 9.68E-04 | 0.00E+00 | 6.88E-03 | 3.11E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 8.04E-03 | 1.94E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | | |
| 126 | Bow. Subdivision 12 | 684649.2 | 4863182.7 | | | 1.31E-03 | 3.44E-04 | 9.42E-03 | 6.44E-03 | 0.01 | 1.17E-03 | 2.97E-03 | 1.02 | 0.00E+00 | 1.28E-03 | 0.00E+00 | 9.13E-03 | 4.12E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.57E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | | |
| 127 | Primary School B | 685384.8 | 4863575.3 | | | 1.51E-03 | 3.99E-04 | 0.01 | 7.47E-03 | 0.02 | 1.36E-03 | 3.44E-03 | 1.18 | 0.00E+00 | 1.49E-03 | 0.00E+00 | 0.01 | 4.78E-04 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 2.98E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | | | | | | |
| 128 | Primary School C | 685021.6 | 4863952.9 | | | 1.25E-03 | 3.30E-04 | 9.03E-03 | 6.18E-03 | 0.01 | 1.12E-03 | 2.85E-03 | 0.97 | 0.00E+00 | 1.23E-03 | 0.00E+00 | 8.76E-03 | 3.95E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.46E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | | |
| 129 | Primary School D | 686237.0 | 4864085.5 | | | 1.58E-03 | 4.17E-04 | 0.01 | 7.80E-03 | 0.02 | 1.42E-03 | 3.59E-03 | 1.23 | 0.00E+00 | 1.56E-03 | 0.00E+00 | 0.01 | 4.99E-04 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 3.11E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | | | | | | |
| 130 | Primary School E | 686719.0 | 4863734.7 | | | 1.07E-03 | 2.82E-04 | 7.73E-03 | 5.29E-03 | 0.01 | 9.62E-04 | 2.44E-03 | 0.83 | 0.00E+00 | 1.05E-03 | 0.00E+00 | 7.49E-03 | 3.38E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 8.75E-03 | 2.11E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | | |
| 131 | Primary School F | 686357.0 | 4864754.9 | | | 8.70E-04 | 2.30E-04 | 6.28E-03 | 4.30E-03 | 9.39E-03 | 7.82E-04 | 1.98E-03 | 0.68 | 0.00E+00 | 8.57E-04 | 0.00E+00 | 6.09E-03 | 2.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.45E-03 | 7.11E-03 | 1.71E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | | |
| 132 | Primary School G | 685502.0 | 4865013.4 | | | 1.13E-03 | 2.99E-04 | 8.18E-03 | 5.59E-03 | 0.01 | 1.02E-03 | 2.58E-03 | 0.88 | 0.00E+00 | 1.12E-03 | 0.00E+00 | 7.93E-03 | 3.58E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 9.26E-03 | 2.23E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | | |
| 133 | Primary School H | 686726.7 | 4866061.5 | | | 1.56E-03 | 4.10E-04 | 0.01 | 7.68E-03 | 0.02 | 1.40E-03 | 3.54E-03 | 1.21 | 0.00E+00 | 1.53E-03 | 0.00E+00 | 0.01 | 4.92E-04 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 3.06E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | | | | | | |
| 134 | Primary School I | 685186.2 | 4866568.2 | | | 1.20E-03 | 3.16E-04 | 8.66E-03 | 5.92E-03 | 0.01 | 1.08E-03 | 2.73E-03 | 0.93 | 0.00E+00 | 1.18E-03 | 0.00E+00 | 8.39E-03 | 3.79E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 9.80E-03 | 2.36E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | | |
| 135 | Primary School J | 685965.3 | 4866979.0 | | | 1.29E-03 | 3.41E-04 | 9.34E-03 | 6.39E-03 | 0.01 | 1.16E-03 | 2.94E-03 | 1.01 | 0.00E+00 | 1.27E-03 | 0.00E+00 | 9.06E-03 | 4.09E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.55E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | | |
| 136 | Primary School K | 677709.9 | 4864726.5 | | | 1.17E-03 | 3.07E-04 | 8.41E-03 | 5.75E-03 | 0.01 | 1.05E-03 | 2.65E-03 | 0.91 | 0.00E+00 | 1.15E-03 | 0.00E+00 | 8.15E-03 | 3.68E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 9.52E-03 | 2.29E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | | |
| 137 | Primary School L | 675988.3 | 4864270.2 | | | 1.13E-03 | 2.98E-04 | 8.17E-03 | 5.59E-03 | 0.01 | 1.02E-03 | 2.57E-03 | 0.88 | 0.00E+00 | 1.11E-03 | 0.00E+00 | 7.92E-03 | 3.58E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 9.25E-03 | 2.23E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | | |
| 138 | Primary School M | 676608.7 | 4862739.0 | | | 1.26E-03 | 3.32E-04 | 9.09E-03 | 6.22E-03 | 0.01 | 1.13E-03 | 2.86E-03 | 0.98 | 0.00E+00 | 1.24E-03 | 0.00E+00 | 8.81E-03 | 3.98E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.48E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | | |
| 139 | Primary School N | 677222.2 | 4863759.1 | | | 1.77E-03 | 4.66E-04 | 0.01 | 8.72E-03 | 0.02 | 1.59E-03 | 4.02E-03 | 1.38 | 0.00E+00 | 1.74E-03 | 0.00E+00 | 0.01 | 5.58E-04 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 3.48E-03 | 0.00E+00 | 0.00E+00 | 0.05 | | | | | | | |
| 140 | Primary School O | 678154.9 | 4863872.7 | | | 1.78E-03 | 4.69E-04 | 0.01 | 8.78E-03 | 0.02 | 1.60E-03 | 4.05E-03 | 1.39 | 0.00E+00 | 1.75E-03 | 0.00E+00 | 0.01 | 5.62E-04 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 3.50E-03 | 0.00E+00 | 0.00E+00 | 0.05 | | | | | | | |
| 141 | Court. Subdivision 12 | 678309.6 | 4863600.8 | | | 1.40E-03 | 3.68E-04 | 0.01 | 6.90E-03 | 0.02 | 1.25E-03 | 3.18E-03 | 1.09 | 0.00E+00 | 1.37E-03 | 0.00E+00 | 9.77E-03 | 4.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 2.75E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | | | | | |
| 142 | Primary School Q | 677010.6 | 4862470.6 | | | 1.52E-03 | 4.01E-04 | 0.01 | 7.51E-03 | 0.02 | 1.37E-03 | 3.46E-03 | 1.18 | 0.00E+00 | 1.50E-03 | 0.00E+00 | 0.01 | 4.80E-04 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 2.99E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | | | | | | |
| 143 | Primary School R | 677431.3 | 4866694.7 | | | 2.00E-03 | 5.29E-04 | 0.01 | 9.90E-03 | 0.02 | 1.80E-03 | 4.56E-03 | 1.56 | 0.00E+00 | 1.97E-03 | 0.00E+00 | 0.01 | 6.33E-04 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 3.95E-03 | 0.00E+00 | 0.00E+00 | 0.05 | | | | | | | |
| 144 | Primary School S | 675266.2 | 4863562.9 | | | 8.82E-04 | 2.33E-04 | 6.37E-03 | 4.36E-03 | 9.51E-03 | 7.92E-04 | 2.01E-03 | 0.69 | 0.00E+00 | 8.68E-04 | 0.00E+00 | 6.17E-03 | 2.79E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.58E-03 | 7.21E-03 | 1.74E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | | |
| 145 | Primary School T | 673479.2 | 4860029.4 | | | 1.23E-03 | 3.24E-04 | 8.85E-03 | | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)fluorene | Benzo(b)fluorene | Benzo(ghi)perylene | Benzo(a)pyrene | Benzo(e)pyrene | Biphenyl | 2-chloronaphthalene | Chrysene | Coronene | Dibenzo(a,c)anthracene | Dibenzo(a,h)anthracene | Dibenzo(a,e)pyrene | 9,10-dimethylanthracene | 7,12-dimethylbenzo(a)anthracene | Fluoranthene | Fluorine | Indeno(1,2,3-cd)pyrene | 2-methylanthracene | 3-methylanthracene | 1-methylanthracene |
|----------|---------------------|----------|-----------|--|----------------------------------|----------------------|----------------------|------------------|------------------|--------------------|----------------|----------------|----------|---------------------|----------|----------|------------------------|------------------------|--------------------|-------------------------|---------------------------------|--------------|----------|------------------------|--------------------|--------------------|--------------------|
| | | | | | Vapour (V)/Particulate (P) Phase | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | Updated Facility Contaminant Emission Rate (g/s) | | 4.48E-07 | 1.18E-07 | 3.23E-06 | 2.21E-06 | 4.83E-06 | 4.02E-07 | 1.02E-06 | 3.49E-04 | | 4.41E-07 | | 3.13E-06 | 1.42E-07 | | | | 4.87E-06 | 3.66E-06 | 8.82E-07 | | | 1.15E-05 |
| 166 | Primary School OO | 675474.8 | 4863221.7 | | | 1.38E-03 | 3.63E-04 | 9.94E-03 | 6.80E-03 | 0.01 | 1.24E-03 | 3.13E-03 | 1.07 | 0.00E+00 | 1.36E-03 | 0.00E+00 | 9.64E-03 | 4.35E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.71E-03 | 0.00E+00 | 0.00E+00 | 0.04 |
| 167 | Primary School PP | 672441.8 | 4858748.6 | | | 5.91E-04 | 1.56E-04 | 4.27E-03 | 2.92E-03 | 6.37E-03 | 5.31E-04 | 1.34E-03 | 0.46 | 0.00E+00 | 5.82E-04 | 0.00E+00 | 4.14E-03 | 1.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.42E-03 | 4.83E-03 | 1.16E-03 | 0.00E+00 | 0.00E+00 | 0.02 |
| 168 | Primary School QQ | 672796.8 | 4864438.2 | | | 9.69E-04 | 2.56E-04 | 6.99E-03 | 4.78E-03 | 0.01 | 8.70E-04 | 2.20E-03 | 0.75 | 0.00E+00 | 9.54E-04 | 0.00E+00 | 6.78E-03 | 3.06E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 7.92E-03 | 1.91E-03 | 0.00E+00 | 0.00E+00 | 0.02 |
| 169 | Primary School RR | 671351.4 | 4863284.0 | | | 1.10E-03 | 2.89E-04 | 7.90E-03 | 5.41E-03 | 0.01 | 9.84E-04 | 2.49E-03 | 0.85 | 0.00E+00 | 1.08E-03 | 0.00E+00 | 7.66E-03 | 3.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 8.95E-03 | 2.16E-03 | 0.00E+00 | 0.00E+00 | 0.03 |
| 170 | Primary School SS | 673213.9 | 4862125.5 | | | 1.19E-03 | 3.13E-04 | 8.57E-03 | 5.86E-03 | 0.01 | 1.07E-03 | 2.70E-03 | 0.92 | 0.00E+00 | 1.17E-03 | 0.00E+00 | 8.31E-03 | 3.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 9.70E-03 | 2.34E-03 | 0.00E+00 | 0.00E+00 | 0.03 |
| 171 | Primary School TT | 671017.9 | 4860953.7 | | | 8.54E-04 | 2.25E-04 | 6.16E-03 | 4.22E-03 | 9.21E-03 | 7.67E-04 | 1.94E-03 | 0.67 | 0.00E+00 | 8.41E-04 | 0.00E+00 | 5.98E-03 | 2.70E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.28E-03 | 6.98E-03 | 1.68E-03 | 0.00E+00 | 0.00E+00 | 0.02 |
| 172 | Primary School UU | 670991.0 | 4861089.8 | | | 8.80E-04 | 2.32E-04 | 6.35E-03 | 4.35E-03 | 9.49E-03 | 7.91E-04 | 2.00E-03 | 0.69 | 0.00E+00 | 8.66E-04 | 0.00E+00 | 6.16E-03 | 2.78E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.56E-03 | 7.19E-03 | 1.73E-03 | 0.00E+00 | 0.00E+00 | 0.02 |
| 173 | Primary School VV | 674150.1 | 4862294.8 | | | 1.66E-03 | 4.38E-04 | 0.01 | 8.20E-03 | 0.02 | 1.49E-03 | 3.78E-03 | 1.29 | 0.00E+00 | 1.63E-03 | 0.00E+00 | 0.01 | 5.25E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 3.27E-03 | 0.00E+00 | 0.00E+00 | 0.04 |
| 174 | Primary School WW | 672005.2 | 4861707.9 | | | 8.78E-04 | 2.31E-04 | 6.33E-03 | 4.33E-03 | 9.46E-03 | 7.88E-04 | 2.00E-03 | 0.68 | 0.00E+00 | 8.64E-04 | 0.00E+00 | 6.14E-03 | 2.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.53E-03 | 7.17E-03 | 1.73E-03 | 0.00E+00 | 0.00E+00 | 0.02 |
| 175 | Primary School XX | 684172.1 | 4863615.6 | | | 2.26E-03 | 5.96E-04 | 0.02 | 0.01 | 0.02 | 2.03E-03 | 5.14E-03 | 1.76 | 0.00E+00 | 2.23E-03 | 0.00E+00 | 0.02 | 7.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 4.45E-03 | 0.00E+00 | 0.00E+00 | 0.06 |
| 176 | Primary School YY | 683923.3 | 4866636.4 | | | 1.30E-03 | 3.44E-04 | 9.42E-03 | 6.44E-03 | 0.01 | 1.17E-03 | 2.97E-03 | 1.02 | 0.00E+00 | 1.28E-03 | 0.00E+00 | 9.13E-03 | 4.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.57E-03 | 0.00E+00 | 0.00E+00 | 0.03 |
| 177 | Primary School ZZ | 680446.0 | 4865770.5 | | | 1.13E-03 | 2.97E-04 | 8.14E-03 | 5.57E-03 | 0.01 | 1.01E-03 | 2.56E-03 | 0.88 | 0.00E+00 | 1.11E-03 | 0.00E+00 | 7.89E-03 | 3.56E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 9.21E-03 | 2.22E-03 | 0.00E+00 | 0.00E+00 | 0.03 |
| 178 | Vacant School | 685612.9 | 4864520.0 | | | 1.43E-03 | 3.77E-04 | 0.01 | 7.07E-03 | 0.02 | 1.29E-03 | 3.25E-03 | 1.11 | 0.00E+00 | 1.41E-03 | 0.00E+00 | 0.01 | 4.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 2.82E-03 | 0.00E+00 | 0.00E+00 | 0.04 |
| 179 | Secondary School A | 686291.4 | 4865064.3 | | | 1.25E-03 | 3.31E-04 | 9.05E-03 | 6.19E-03 | 0.01 | 1.13E-03 | 2.85E-03 | 0.98 | 0.00E+00 | 1.23E-03 | 0.00E+00 | 8.78E-03 | 3.96E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.47E-03 | 0.00E+00 | 0.00E+00 | 0.03 |
| 180 | Secondary School B | 683875.0 | 4864741.7 | | | 1.94E-03 | 5.10E-04 | 0.01 | 9.56E-03 | 0.02 | 1.74E-03 | 4.40E-03 | 1.51 | 0.00E+00 | 1.91E-03 | 0.00E+00 | 0.01 | 6.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 3.81E-03 | 0.00E+00 | 0.00E+00 | 0.05 |
| 181 | Secondary School C | 684650.3 | 4864660.3 | | | 1.34E-03 | 3.53E-04 | 9.66E-03 | 6.61E-03 | 0.01 | 1.20E-03 | 3.05E-03 | 1.04 | 0.00E+00 | 1.32E-03 | 0.00E+00 | 9.37E-03 | 4.23E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.64E-03 | 0.00E+00 | 0.00E+00 | 0.03 |
| 182 | Secondary School D | 678099.5 | 4864838.2 | | | 1.19E-03 | 3.14E-04 | 8.58E-03 | 5.87E-03 | 0.01 | 1.07E-03 | 2.71E-03 | 0.93 | 0.00E+00 | 1.17E-03 | 0.00E+00 | 8.32E-03 | 3.76E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 9.72E-03 | 2.34E-03 | 0.00E+00 | 0.00E+00 | 0.03 |
| 183 | Secondary School E | 678467.0 | 4863431.2 | | | 1.63E-03 | 4.31E-04 | 0.01 | 8.06E-03 | 0.02 | 1.47E-03 | 3.71E-03 | 1.27 | 0.00E+00 | 1.61E-03 | 0.00E+00 | 0.01 | 5.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 3.22E-03 | 0.00E+00 | 0.00E+00 | 0.04 |
| 184 | Secondary School F | 674144.9 | 4862762.7 | | | 1.73E-03 | 4.55E-04 | 0.01 | 8.53E-03 | 0.02 | 1.55E-03 | 3.93E-03 | 1.35 | 0.00E+00 | 1.70E-03 | 0.00E+00 | 0.01 | 5.46E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 3.40E-03 | 0.00E+00 | 0.00E+00 | 0.04 |
| 185 | Secondary School G | 673816.0 | 4864357.1 | | | 9.42E-04 | 2.49E-04 | 6.80E-03 | 4.65E-03 | 0.01 | 8.46E-04 | 2.14E-03 | 0.73 | 0.00E+00 | 9.28E-04 | 0.00E+00 | 6.59E-03 | 2.98E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 7.70E-03 | 1.86E-03 | 0.00E+00 | 0.00E+00 | 0.02 |
| 186 | Secondary School H | 673145.4 | 4858569.0 | | | 6.54E-04 | 1.72E-04 | 4.72E-03 | 3.23E-03 | 7.05E-03 | 5.88E-04 | 1.49E-03 | 0.51 | 0.00E+00 | 6.44E-04 | 0.00E+00 | 4.58E-03 | 2.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.10E-03 | 5.35E-03 | 1.29E-03 | 0.00E+00 | 0.00E+00 | 0.02 |
| 187 | Secondary School I | 671291.7 | 4863581.3 | | | 1.11E-03 | 2.94E-04 | 8.04E-03 | 5.50E-03 | 0.01 | 1.00E-03 | 2.53E-03 | 0.87 | 0.00E+00 | 1.10E-03 | 0.00E+00 | 7.79E-03 | 3.52E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 9.10E-03 | 2.19E-03 | 0.00E+00 | 0.00E+00 | 0.03 |
| 188 | Secondary School J | 671443.2 | 4861664.9 | | | 8.42E-04 | 2.22E-04 | 6.08E-03 | 4.16E-03 | 9.08E-03 | 7.57E-04 | 1.92E-03 | 0.66 | 0.00E+00 | 8.29E-04 | 0.00E+00 | 5.89E-03 | 2.66E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.15E-03 | 6.88E-03 | 1.66E-03 | 0.00E+00 | 0.00E+00 | 0.02 |
| 189 | Secondary School K | 673235.3 | 4860885.0 | | | 1.19E-03 | 3.14E-04 | 8.60E-03 | 5.89E-03 | 0.01 | 1.07E-03 | 2.71E-03 | 0.93 | 0.00E+00 | 1.17E-03 | 0.00E+00 | 8.34E-03 | 3.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 9.75E-03 | 2.35E-03 | 0.00E+00 | 0.00E+00 | 0.03 |
| 190 | Secondary School L | 684252.7 | 4866500.5 | | | 1.31E-03 | 3.45E-04 | 9.44E-03 | 6.46E-03 | 0.01 | 1.18E-03 | 2.98E-03 | 1.02 | 0.00E+00 | 1.29E-03 | 0.00E+00 | 9.16E-03 | 4.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.58E-03 | 0.00E+00 | 0.00E+00 | 0.03 |
| 191 | Secondary School M | 673914.1 | 4859551.7 | | | 8.65E-04 | 2.28E-04 | 6.24E-03 | 4.27E-03 | 9.32E-03 | 7.77E-04 | 1.97E-03 | 0.67 | 0.00E+00 | 8.51E-04 | 0.00E+00 | 6.05E-03 | 2.73E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.39E-03 | 7.07E-03 | 1.70E-03 | 0.00E+00 | 0.00E+00 | 0.02 |
| 192 | Secondary School N | 675051.5 | 4864177.2 | | | 9.92E-04 | 2.62E-04 | 7.16E-03 | 4.90E-03 | 0.01 | 8.91E-04 | 2.26E-03 | 0.77 | 0.00E+00 | 9.76E-04 | 0.00E+00 | 6.94E-03 | 3.13E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 8.11E-03 | 1.95E-03 | 0.00E+00 | 0.00E+00 | 0.03 |
| 193 | Adult School | 685276.1 | 4866019.8 | | | 1.40E-03 | 3.70E-04 | 0.01 | 6.93E-03 | 0.02 | 1.26E-03 | 3.19E-03 | 1.09 | 0.00E+00 | 1.38E-03 | 0.00E+00 | 9.83E-03 | 4.44E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 2.76E-03 | 0.00E+00 | 0.00E+00 | 0.04 |
| 194 | Bow. Valley Cons. 1 | 685356.6 | 4864521.2 | | | 1.56E-03 | 4.12E-04 | 0.01 | 7.72E-03 | 0.02 | 1.40E-03 | 3.55E-03 | 1.22 | 0.00E+00 | 1.54E-03 | 0.00E+00 | 0.01 | 4.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 3.08E-03 | 0.00E+00 | 0.00E+00 | 0.04 |
| 195 | Bow. Valley Cons. 2 | 685627.7 | 4864167.8 | | | 1.27E-03 | 3.34E-04 | 9.14E-03 | 6.25E-03 | 0.01 | 1.14E-03 | 2.88E-03 | 0.99 | 0.00E+00 | 1.25E-03 | 0.00E+00 | 8.86E-03 | 4.00E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.49E-03 | 0.00E+00 | 0.00E+00 | 0.03 |
| 196 | Bow. Valley Cons. 4 | 685852.7 | 4863640.2 | | | 1.10E-03 | 2.91E-04 | 7.96E-03 | 5.45E-03 | 0.01 | 9.91E-04 | 2.51E-03 | 0.86 | 0.00E+00 | 1.09E-03 | 0.00E+00 | 7.72E-03 | 3.49E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 9.02E-03 | 2.17E-03 | 0.00E+00 | 0.00E+00 | 0.03 |
| 197 | Bow. Valley Cons. 5 | 686163.1 | 4863621.5 | | | 9.65E-04 | 2.54E-04 | 6.96E-03 | 4.76E-03 | 0.01 | 8.67E-04 | 2.19E-03 | 0.75 | 0.00E+00 | 9.50E-04 | 0.00E+00 | 6.75E-03 | 3.05E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 7.89E-03 | 1.90E-03 | 0.00E+00 | 0.00E+00 | 0.02 |
| 198 | Bow. Valley Cons. 6 | 685931.9 | 4863380.6 | | | 9.95E-04 | 2.62E-04 | 7.18E-03 | 4.91E-03 | 0.01 | 8.94E-04 | 2.26E-03 | 0.78 | 0.00E+00 | 9.79E-04 | 0.00E+00 | 6.96E-03 | 3.14E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 8.13E-03 | 1.96E-03 | 0.00E+00 | 0.00E+00 | 0.03 |
| 199 | Maple Grove 1 | 681688.5 | 4864717.0 | | | 1.61E-03 | 4.26E-04 | 0.01 | 7.97E-03 | 0.02 | 1.45E-03 | 3.67E-03 | 1.26 | 0.00E+00 | 1.59E-03 | 0.00E+00 | 0.01 | 5.10E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 3.18E-03 | 0.00E+00 | 0.00E+00 | 0.04 |
| 200 | Maple Grove 2 | 681768.9 | 4864631.8 | | | 1.64E-03 | 4.34E-04 | 0.01 | 8.12E-03 | 0.02 | 1.48E-03 | 3.74E-03 | 1.28 | 0.00E+00 | 1.62E-03 | 0.00E+00 | 0.01 | 5.20E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 3.24E-03 | 0.00E+00 | 0.00E+00 | 0.04 |
| 201 | Maple Grove 3 | 681894.9 | 4864506.8 | | | 1.68E-03 | 4.43E-04 | 0.01 | 8.30E | | | | | | | | | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)fluorene | Benzo(b)fluorene | Benzo(ghi)perylene | Benzo(a)pyrene | Benzo(e)pyrene | Biphenyl | 2-chloronaphthalene | Chrysene | Coronene | Dibenzo(a,h)anthracene | Dibenzo(a,i)perylene | 9,10-dimethylanthracene | 7,12-dimethylanthracene | Fluoranthene | Fluorine | Indeno(1,2,3-cd)pyrene | 2-methylanthracene | 3-methylanthracene | 1-methylanthracene | | | | |
|----------|----------------|----------|-----------|-------------|----------------------------------|--|----------------------|------------------|------------------|--------------------|----------------|----------------|----------|---------------------|----------|----------|------------------------|----------------------|-------------------------|-------------------------|--------------|----------|------------------------|--------------------|--------------------|--------------------|------|---|---|----------|
| | | | | | | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | (m) | (m) | | | Updated Facility Contaminant Emission Rate (g/s) | 4.48E-07 | 1.18E-07 | 3.23E-06 | 2.21E-06 | 4.83E-06 | 4.02E-07 | 1.02E-06 | 3.49E-04 | | | 4.41E-07 | | 3.13E-06 | 1.42E-07 | | | | 4.87E-06 | 3.66E-06 | 8.82E-07 | | | | 1.15E-05 |
| 221 | Campground 2 | 678410.2 | 4860148.6 | | | 2.83E-03 | 7.46E-04 | 0.02 | 0.01 | 0.03 | 2.54E-03 | 6.43E-03 | 2.20 | 0.00E+00 | 2.78E-03 | 0.00E+00 | 0.02 | 8.94E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.03 | 0.02 | 5.57E-03 | 0.00E+00 | 0.00E+00 | 0.07 | | | |
| 222 | Campground 3 | 678651.0 | 4860054.4 | | | 2.74E-03 | 7.22E-04 | 0.02 | 0.01 | 0.03 | 2.46E-03 | 6.23E-03 | 2.13 | 0.00E+00 | 2.69E-03 | 0.00E+00 | 0.02 | 8.65E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.03 | 0.02 | 5.39E-03 | 0.00E+00 | 0.00E+00 | 0.07 | | | |
| 223 | Campground 4 | 678725.9 | 4859860.7 | | | 2.94E-03 | 7.76E-04 | 0.02 | 0.01 | 0.03 | 2.64E-03 | 6.69E-03 | 2.29 | 0.00E+00 | 2.90E-03 | 0.00E+00 | 0.02 | 9.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.03 | 0.02 | 5.80E-03 | 0.00E+00 | 0.00E+00 | 0.08 | | | |
| 224 | Campground 5 | 678511.1 | 4859808.6 | | | 2.52E-03 | 6.65E-04 | 0.02 | 0.01 | 0.03 | 2.27E-03 | 5.74E-03 | 1.96 | 0.00E+00 | 2.48E-03 | 0.00E+00 | 0.02 | 7.97E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.03 | 0.02 | 4.97E-03 | 0.00E+00 | 0.00E+00 | 0.06 | | | |
| 225 | Campground 6 | 678869.5 | 4859696.0 | | | 4.85E-03 | 1.28E-03 | 0.04 | 0.02 | 0.05 | 4.36E-03 | 0.01 | 3.78 | 0.00E+00 | 4.78E-03 | 0.00E+00 | 0.03 | 1.53E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.05 | 0.04 | 9.55E-03 | 0.00E+00 | 0.00E+00 | 0.12 | | | |
| 226 | Campground 7 | 678723.9 | 4860201.8 | | | 3.41E-03 | 8.99E-04 | 0.02 | 0.02 | 0.04 | 3.06E-03 | 7.75E-03 | 2.66 | 0.00E+00 | 3.36E-03 | 0.00E+00 | 0.02 | 1.08E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.04 | 0.03 | 6.71E-03 | 0.00E+00 | 0.00E+00 | 0.09 | | | |
| 227 | Campground 8 | 678796.0 | 4860011.4 | | | 2.95E-03 | 7.78E-04 | 0.02 | 0.01 | 0.03 | 2.65E-03 | 6.71E-03 | 2.30 | 0.00E+00 | 2.90E-03 | 0.00E+00 | 0.02 | 9.32E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.03 | 0.02 | 5.81E-03 | 0.00E+00 | 0.00E+00 | 0.08 | | | |
| 228 | Campground 9 | 678852.7 | 4859854.2 | | | 3.39E-03 | 8.95E-04 | 0.02 | 0.02 | 0.04 | 3.05E-03 | 7.72E-03 | 2.64 | 0.00E+00 | 3.34E-03 | 0.00E+00 | 0.02 | 1.07E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.04 | 0.03 | 6.68E-03 | 0.00E+00 | 0.00E+00 | 0.09 | | | |
| 229 | Solina 1 | 681099.6 | 4861677.2 | | | 6.25E-03 | 1.65E-03 | 0.05 | 0.03 | 0.07 | 5.62E-03 | 0.01 | 4.87 | 0.00E+00 | 6.16E-03 | 0.00E+00 | 0.04 | 1.98E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.07 | 0.05 | 0.01 | 0.00E+00 | 0.00E+00 | 0.16 | | | |
| 230 | Solina 2 | 681115.7 | 4861857.7 | | | 5.40E-03 | 1.42E-03 | 0.04 | 0.03 | 0.06 | 4.85E-03 | 0.01 | 4.21 | 0.00E+00 | 5.32E-03 | 0.00E+00 | 0.04 | 1.71E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.06 | 0.04 | 0.01 | 0.00E+00 | 0.00E+00 | 0.14 | | | |
| 231 | Solina 3 | 680987.4 | 4861983.5 | | | 4.30E-03 | 1.13E-03 | 0.03 | 0.02 | 0.05 | 3.86E-03 | 9.77E-03 | 3.35 | 0.00E+00 | 4.23E-03 | 0.00E+00 | 0.03 | 1.36E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.05 | 0.04 | 8.46E-03 | 0.00E+00 | 0.00E+00 | 0.11 | | | |
| 232 | Solina 4 | 680965.0 | 4862068.1 | | | 4.04E-03 | 1.07E-03 | 0.03 | 0.02 | 0.04 | 3.63E-03 | 9.19E-03 | 3.15 | 0.00E+00 | 3.98E-03 | 0.00E+00 | 0.03 | 1.28E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.04 | 0.03 | 7.96E-03 | 0.00E+00 | 0.00E+00 | 0.10 | | | |
| 233 | Solina 5 | 681021.5 | 4862086.7 | | | 4.03E-03 | 1.06E-03 | 0.03 | 0.02 | 0.04 | 3.62E-03 | 9.16E-03 | 3.14 | 0.00E+00 | 3.96E-03 | 0.00E+00 | 0.03 | 1.27E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.04 | 0.03 | 7.93E-03 | 0.00E+00 | 0.00E+00 | 0.10 | | | |
| 234 | Solina 6 | 680939.8 | 4862124.3 | | | 3.94E-03 | 1.04E-03 | 0.03 | 0.02 | 0.04 | 3.54E-03 | 8.96E-03 | 3.07 | 0.00E+00 | 3.88E-03 | 0.00E+00 | 0.03 | 1.24E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.04 | 0.03 | 7.76E-03 | 0.00E+00 | 0.00E+00 | 0.10 | | | |
| 235 | Solina 7 | 680988.2 | 4862183.6 | | | 3.81E-03 | 1.00E-03 | 0.03 | 0.02 | 0.04 | 3.42E-03 | 8.65E-03 | 2.96 | 0.00E+00 | 3.75E-03 | 0.00E+00 | 0.03 | 1.20E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.04 | 0.03 | 7.49E-03 | 0.00E+00 | 0.00E+00 | 0.10 | | | |
| 236 | Solina 8 | 680984.6 | 4862209.8 | | | 3.75E-03 | 9.90E-04 | 0.03 | 0.02 | 0.04 | 3.37E-03 | 8.54E-03 | 2.92 | 0.00E+00 | 3.70E-03 | 0.00E+00 | 0.03 | 1.19E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.04 | 0.03 | 7.39E-03 | 0.00E+00 | 0.00E+00 | 0.10 | | | |
| 237 | Solina 9 | 680958.6 | 4862294.9 | | | 3.64E-03 | 9.59E-04 | 0.03 | 0.02 | 0.04 | 3.27E-03 | 8.27E-03 | 2.83 | 0.00E+00 | 3.58E-03 | 0.00E+00 | 0.03 | 1.15E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.04 | 0.03 | 7.16E-03 | 0.00E+00 | 0.00E+00 | 0.09 | | | |
| 238 | Solina 10 | 680858.0 | 4862324.3 | | | 3.65E-03 | 9.61E-04 | 0.03 | 0.02 | 0.04 | 3.27E-03 | 8.29E-03 | 2.84 | 0.00E+00 | 3.59E-03 | 0.00E+00 | 0.03 | 1.15E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.04 | 0.03 | 7.18E-03 | 0.00E+00 | 0.00E+00 | 0.09 | | | |
| 239 | Solina 11 | 680990.3 | 4862403.5 | | | 3.45E-03 | 9.11E-04 | 0.02 | 0.02 | 0.04 | 3.10E-03 | 7.86E-03 | 2.69 | 0.00E+00 | 3.40E-03 | 0.00E+00 | 0.02 | 1.09E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.04 | 0.03 | 6.80E-03 | 0.00E+00 | 0.00E+00 | 0.09 | | | |
| 240 | Recreational 1 | 681545.0 | 4860865.0 | | | 5.10E-03 | 1.35E-03 | 0.04 | 0.03 | 0.06 | 4.58E-03 | 0.01 | 3.97 | 0.00E+00 | 5.02E-03 | 0.00E+00 | 0.04 | 1.61E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.06 | 0.04 | 0.01 | 0.00E+00 | 0.00E+00 | 0.13 | | | |
| 241 | Recreational 2 | 681563.7 | 4860687.4 | | | 4.79E-03 | 1.26E-03 | 0.03 | 0.02 | 0.05 | 4.30E-03 | 0.01 | 3.73 | 0.00E+00 | 4.71E-03 | 0.00E+00 | 0.03 | 1.51E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.05 | 0.04 | 9.42E-03 | 0.00E+00 | 0.00E+00 | 0.12 | | | |
| 242 | Recreational 3 | 681579.7 | 4860610.0 | | | 4.40E-03 | 1.16E-03 | 0.03 | 0.02 | 0.05 | 3.96E-03 | 0.01 | 3.43 | 0.00E+00 | 4.33E-03 | 0.00E+00 | 0.03 | 1.39E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.05 | 0.04 | 8.67E-03 | 0.00E+00 | 0.00E+00 | 0.11 | | | |
| 243 | Recreational 6 | 681876.6 | 4860254.4 | | | 3.54E-03 | 9.32E-04 | 0.03 | 0.02 | 0.04 | 3.18E-03 | 8.04E-03 | 2.75 | 0.00E+00 | 3.48E-03 | 0.00E+00 | 0.02 | 1.12E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.04 | 0.03 | 6.96E-03 | 0.00E+00 | 0.00E+00 | 0.09 | | | |
| 244 | Recreational 7 | 682166.9 | 4860324.4 | | | 2.91E-03 | 7.67E-04 | 0.02 | 0.01 | 0.03 | 2.61E-03 | 6.62E-03 | 2.27 | 0.00E+00 | 2.86E-03 | 0.00E+00 | 0.02 | 9.19E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.03 | 0.02 | 5.73E-03 | 0.00E+00 | 0.00E+00 | 0.07 | | | |
| 245 | Darlington 1 | 679565.4 | 4861052.9 | | | 6.83E-03 | 1.80E-03 | 0.05 | 0.03 | 0.07 | 6.14E-03 | 0.02 | 5.32 | 0.00E+00 | 6.73E-03 | 0.00E+00 | 0.05 | 2.16E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.07 | 0.06 | 0.01 | 0.00E+00 | 0.00E+00 | 0.18 | | | |
| 246 | Darlington 2 | 679452.9 | 4861051.4 | | | 6.76E-03 | 1.78E-03 | 0.05 | 0.03 | 0.07 | 6.08E-03 | 0.02 | 5.27 | 0.00E+00 | 6.66E-03 | 0.00E+00 | 0.05 | 2.14E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.07 | 0.06 | 0.01 | 0.00E+00 | 0.00E+00 | 0.17 | | | |
| 247 | Darlington 3 | 679130.5 | 4860948.8 | | | 8.23E-03 | 2.17E-03 | 0.06 | 0.04 | 0.09 | 7.39E-03 | 0.02 | 6.41 | 0.00E+00 | 8.10E-03 | 0.00E+00 | 0.06 | 2.60E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.09 | 0.07 | 0.02 | 0.00E+00 | 0.00E+00 | 0.21 | | | |
| 248 | Darlington 4 | 679112.6 | 4860941.9 | | | 8.28E-03 | 2.18E-03 | 0.06 | 0.04 | 0.09 | 7.44E-03 | 0.02 | 6.45 | 0.00E+00 | 8.15E-03 | 0.00E+00 | 0.06 | 2.62E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.09 | 0.07 | 0.02 | 0.00E+00 | 0.00E+00 | 0.21 | | | |
| 249 | Darlington 5 | 679057.6 | 4860994.1 | | | 7.73E-03 | 2.04E-03 | 0.06 | 0.04 | 0.08 | 6.94E-03 | 0.02 | 6.02 | 0.00E+00 | 7.61E-03 | 0.00E+00 | 0.05 | 2.44E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.08 | 0.06 | 0.02 | 0.00E+00 | 0.00E+00 | 0.20 | | | |
| 250 | Darlington 6 | 679075.2 | 4860931.6 | | | 8.25E-03 | 2.18E-03 | 0.06 | 0.04 | 0.09 | 7.41E-03 | 0.02 | 6.42 | 0.00E+00 | 8.12E-03 | 0.00E+00 | 0.06 | 2.61E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.09 | 0.07 | 0.02 | 0.00E+00 | 0.00E+00 | 0.21 | | | |
| 251 | Darlington 7 | 678814.3 | 4860843.1 | | | 5.98E-03 | 1.58E-03 | 0.04 | 0.03 | 0.06 | 5.38E-03 | 0.01 | 4.66 | 0.00E+00 | 5.89E-03 | 0.00E+00 | 0.04 | 1.89E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.07 | 0.05 | 0.01 | 0.00E+00 | 0.00E+00 | 0.15 | | | |
| 252 | Darlington 8 | 678840.4 | 4860777.1 | | | 6.03E-03 | 1.59E-03 | 0.04 | 0.03 | 0.06 | 5.41E-03 | 0.01 | 4.69 | 0.00E+00 | 5.93E-03 | 0.00E+00 | 0.04 | 1.90E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.07 | 0.05 | 0.01 | 0.00E+00 | 0.00E+00 | 0.15 | | | |
| 253 | Light Ind. 1 | 680000.1 | 4861034.1 | | | 7.39E-03 | 1.95E-03 | 0.05 | 0.04 | 0.08 | 6.64E-03 | 0.02 | 5.76 | 0.00E+00 | 7.28E-03 | 0.00E+00 | 0.05 | 2.34E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.08 | 0.06 | 0.01 | 0.00E+00 | 0.00E+00 | 0.19 | | | |
| 254 | Light Ind. 2 | 680060.7 | 4861056.4 | | | 7.52E-03 | 1.98E-03 | 0.05 | 0.04 | 0.08 | 6.75E-03 | 0.02 | 5.86 | 0.00E+00 | 7.40E-03 | 0.00E+00 | 0.05 | 2.38E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.08 | 0.06 | 0.01 | 0.00E+00 | 0.00E+00 | 0.19 | | | |
| 255 | Light Ind. 3 | 680291.2 | 4861151.6 | | | 0.01 | 2.79E-03 | 0.08 | 0.05 | 0.11 | 9.51E-03 | 0.02 | 8.24 | 0.00E+00 | 0.01 | 0.00E+00 | 0.07 | 3.34E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.11 | 0.09 | 0.02 | 0.00E+00 | 0.00E+00 | 0.27 | | | |
| 256 | Light Ind. 4 | 680536.3 | 4861204.6 | | | 7.42E-03 | 1.96E-03 | 0.05 | 0.04 | 0.08 | 6.66E-03 | 0.02 | 5.78 | 0.00E+00 | 7.30E-03 | 0.00E+00 | 0.05 | 2.34E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.08 | 0.06 | 0.01 | 0.00E+00 | 0.00E+00 | 0.19 | | | |
| 257 | Light Ind. 5 | 680350.4 | 4861290.6 | | | 8.22E-03 | 2.17E-03 | 0.06 | 0.04 | 0.09 | 7.38E-03 | 0.02 | 6.40 | 0.00E+00 | 8.09E-03 | 0.00E+00 | 0.06 | 2.60E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.09 | 0.07 | 0.02 | 0.00E+00 | 0.00E+00 | 0.21 | | | |
| 258 | Light Ind. 6 | 680306.9 | 4861275.6 | | | 9.01E-03 | 2.37E-03 | 0.06 | 0.04 | 0.10 | | | | | | | | | | | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E (m) | UTM N (m) | Contaminant Updated Facility Contaminant Emission Rate (g/s) | Chlorinated Polycyclic Aromatics | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)fluorene | Benzo(b)fluorene | Benzo(ghi)perylene | Benzo(a)pyrene | Benzo(e)pyrene | Biphenyl | 2-chloronaphthalene | Chrysene | Coronene | Dibenzo(a,c)anthracene | Dibenzo(a,h)anthracene | Dibenzo(a,e)pyrene | 9,10-dimethylanthracene | 7,12-dimethylbenzo(a)anthracene | Fluoranthene | Fluorine | Indeno(1,2,3-cd)pyrene | 2-methylanthracene | 3-methylanthracene | 1-methylanthracene | | | | | |
|----------|----------------------------|--------------|--------------|---|----------------------------------|----------------------|----------------------|------------------|------------------|--------------------|----------------|----------------|----------|---------------------|----------|----------|------------------------|------------------------|--------------------|-------------------------|---------------------------------|--------------|----------|------------------------|--------------------|--------------------|--------------------|---|---|---|---|---|
| | | | | | Vapour (V)/Particulate (P) Phase | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | 4.48E-07 | 1.18E-07 | 3.23E-06 | 2.21E-06 | 4.83E-06 | 4.02E-07 | 1.02E-06 | 3.49E-04 | | 4.41E-07 | | 3.13E-06 | 1.42E-07 | | 4.87E-06 | 3.66E-06 | 8.82E-07 | | | | | | | | | | | |
| 276 | Farmer | 679277.0 | 4859981.5 | | 4.78E-03 | 1.26E-03 | 0.03 | 0.02 | 0.05 | 4.29E-03 | 0.01 | 3.72 | 0.00E+00 | 4.71E-03 | 0.00E+00 | 0.03 | 1.51E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.05 | 0.04 | 9.41E-03 | 0.00E+00 | 0.00E+00 | 0.12 | | | | | |
| 277 | Residence | 679387.2 | 4860648.9 | | 9.12E-03 | 2.41E-03 | 0.07 | 0.05 | 0.10 | 8.19E-03 | 0.02 | 7.10 | 0.00E+00 | 8.98E-03 | 0.00E+00 | 0.06 | 2.88E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.10 | 0.07 | 0.02 | 0.00E+00 | 0.00E+00 | 0.23 | | | | | |
| 278 | Barn | 679261.9 | 4860574.2 | | 7.61E-03 | 2.01E-03 | 0.05 | 0.04 | 0.08 | 6.84E-03 | 0.02 | 5.93 | 0.00E+00 | 7.49E-03 | 0.00E+00 | 0.05 | 2.41E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.08 | 0.06 | 0.01 | 0.00E+00 | 0.00E+00 | 0.20 | | | | | |
| 279 | Residence | 680150.7 | 4861295.7 | | 8.34E-03 | 2.20E-03 | 0.06 | 0.04 | 0.09 | 7.49E-03 | 0.02 | 6.49 | 0.00E+00 | 8.21E-03 | 0.00E+00 | 0.06 | 2.63E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.09 | 0.07 | 0.02 | 0.00E+00 | 0.00E+00 | 0.21 | | | | | |
| 280 | Residence | 679939.8 | 4861213.4 | | 6.11E-03 | 1.61E-03 | 0.04 | 0.03 | 0.07 | 5.49E-03 | 0.01 | 4.76 | 0.00E+00 | 6.01E-03 | 0.00E+00 | 0.04 | 1.93E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.07 | 0.05 | 0.01 | 0.00E+00 | 0.00E+00 | 0.16 | | | | | |
| 281 | Farmer | 680855.7 | 4861456.9 | | 6.19E-03 | 1.63E-03 | 0.04 | 0.03 | 0.07 | 5.56E-03 | 0.01 | 4.82 | 0.00E+00 | 6.09E-03 | 0.00E+00 | 0.04 | 1.96E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.07 | 0.05 | 0.01 | 0.00E+00 | 0.00E+00 | 0.16 | | | | | |
| 282 | Farmer | 681386.2 | 4861673.3 | | 6.47E-03 | 1.71E-03 | 0.05 | 0.03 | 0.07 | 5.81E-03 | 0.01 | 5.04 | 0.00E+00 | 6.37E-03 | 0.00E+00 | 0.05 | 2.04E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.07 | 0.05 | 0.01 | 0.00E+00 | 0.00E+00 | 0.17 | | | | | |
| 283 | Residence | 680683.5 | 4861597.9 | | 5.22E-03 | 1.38E-03 | 0.04 | 0.03 | 0.06 | 4.69E-03 | 0.01 | 4.07 | 0.00E+00 | 5.14E-03 | 0.00E+00 | 0.04 | 1.65E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.06 | 0.04 | 0.01 | 0.00E+00 | 0.00E+00 | 0.13 | | | | | |
| 284 | Business | 680064.3 | 4861343.7 | | 6.73E-03 | 1.78E-03 | 0.05 | 0.03 | 0.07 | 6.05E-03 | 0.02 | 5.25 | 0.00E+00 | 6.63E-03 | 0.00E+00 | 0.05 | 2.13E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.07 | 0.06 | 0.01 | 0.00E+00 | 0.00E+00 | 0.17 | | | | | |
| 285 | Farmer | 679680.1 | 4861213.5 | | 6.68E-03 | 1.76E-03 | 0.05 | 0.03 | 0.07 | 6.00E-03 | 0.02 | 5.20 | 0.00E+00 | 6.57E-03 | 0.00E+00 | 0.05 | 2.11E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.07 | 0.05 | 0.01 | 0.00E+00 | 0.00E+00 | 0.17 | | | | | |
| 286 | Farmer | 681344.8 | 4861792.9 | | 5.74E-03 | 1.51E-03 | 0.04 | 0.03 | 0.06 | 5.15E-03 | 0.01 | 4.47 | 0.00E+00 | 5.65E-03 | 0.00E+00 | 0.04 | 1.81E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.06 | 0.05 | 0.01 | 0.00E+00 | 0.00E+00 | 0.15 | | | | | |
| 287 | Youth Centre | 685644.2 | 4864814.8 | | 1.49E-03 | 3.94E-04 | 0.01 | 7.37E-03 | 0.02 | 1.34E-03 | 3.39E-03 | 1.16 | 0.00E+00 | 1.47E-03 | 0.00E+00 | 0.01 | 4.72E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 2.94E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | | | | |
| 288 | Bowmanville Arena | 685462.9 | 4864615.2 | | 1.55E-03 | 4.08E-04 | 0.01 | 7.63E-03 | 0.02 | 1.39E-03 | 3.52E-03 | 1.20 | 0.00E+00 | 1.52E-03 | 0.00E+00 | 0.01 | 4.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 3.04E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | | | | |
| 289 | Bowmanville Rec Complex | 684160.3 | 4864604.5 | | 1.95E-03 | 5.14E-04 | 0.01 | 9.63E-03 | 0.02 | 1.75E-03 | 4.44E-03 | 1.52 | 0.00E+00 | 1.92E-03 | 0.00E+00 | 0.01 | 6.16E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 3.84E-03 | 0.00E+00 | 0.00E+00 | 0.05 | | | | | |
| 290 | Recreation Complex | 684586.6 | 4862406.3 | | 1.36E-03 | 3.59E-04 | 9.82E-03 | 6.72E-03 | 0.01 | 1.22E-03 | 3.09E-03 | 1.06 | 0.00E+00 | 1.34E-03 | 0.00E+00 | 9.52E-03 | 4.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.68E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | |
| 291 | Superdog Central | 681487.7 | 4865723.3 | | 1.24E-03 | 3.27E-04 | 8.95E-03 | 6.12E-03 | 0.01 | 1.11E-03 | 2.82E-03 | 0.97 | 0.00E+00 | 1.22E-03 | 0.00E+00 | 8.68E-03 | 3.92E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.44E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | |
| 292 | Equestrian Centre | 681567.1 | 4863670.7 | | 2.08E-03 | 5.49E-04 | 0.02 | 0.01 | 0.02 | 1.87E-03 | 4.73E-03 | 1.62 | 0.00E+00 | 2.05E-03 | 0.00E+00 | 0.01 | 6.58E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 4.10E-03 | 0.00E+00 | 0.00E+00 | 0.05 | | | | | |
| 293 | Flea Market | 678574.6 | 4862819.4 | | 1.93E-03 | 5.10E-04 | 0.01 | 9.55E-03 | 0.02 | 1.74E-03 | 4.40E-03 | 1.51 | 0.00E+00 | 1.90E-03 | 0.00E+00 | 0.01 | 6.11E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 3.81E-03 | 0.00E+00 | 0.00E+00 | 0.05 | | | | | |
| 294 | Equestrian Centre | 680030.8 | 4867320.2 | | 8.27E-04 | 2.18E-04 | 5.97E-03 | 4.08E-03 | 8.92E-03 | 7.43E-04 | 1.88E-03 | 0.64 | 0.00E+00 | 8.14E-04 | 0.00E+00 | 5.79E-03 | 2.61E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.98E-03 | 6.76E-03 | 1.63E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | |
| 295 | Courtice Community Complex | 678099.3 | 4864629.8 | | 1.21E-03 | 3.20E-04 | 8.75E-03 | 5.98E-03 | 0.01 | 1.09E-03 | 2.76E-03 | 0.94 | 0.00E+00 | 1.19E-03 | 0.00E+00 | 8.48E-03 | 3.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 9.91E-03 | 2.39E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | |
| 296 | Former Restaurant | 679830.2 | 4860702.2 | | 0.01 | 3.81E-03 | 0.10 | 0.07 | 0.16 | 0.01 | 0.03 | 11.25 | 0.00E+00 | 0.01 | 0.00E+00 | 0.10 | 4.56E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.16 | 0.12 | 0.03 | 0.00E+00 | 0.00E+00 | 0.37 | | | | | |
| 297 | Commercial | 679364.8 | 4861016.0 | | 7.23E-03 | 1.91E-03 | 0.05 | 0.04 | 0.08 | 6.50E-03 | 0.02 | 5.63 | 0.00E+00 | 7.12E-03 | 0.00E+00 | 0.05 | 2.28E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.08 | 0.06 | 0.01 | 0.00E+00 | 0.00E+00 | 0.19 | | | | | |
| 298 | GM Oshawa Headquarters | 676418.3 | 4860463.7 | | 1.98E-03 | 5.23E-04 | 0.01 | 9.79E-03 | 0.02 | 1.78E-03 | 4.51E-03 | 1.54 | 0.00E+00 | 1.95E-03 | 0.00E+00 | 0.01 | 6.27E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 3.90E-03 | 0.00E+00 | 0.00E+00 | 0.05 | | | | | |
| 299 | Farm A? | 682972.3 | 4862201.9 | | 2.79E-03 | 7.37E-04 | 0.02 | 0.01 | 0.03 | 2.51E-03 | 6.35E-03 | 2.18 | 0.00E+00 | 2.75E-03 | 0.00E+00 | 0.02 | 8.83E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.03 | 0.02 | 5.50E-03 | 0.00E+00 | 0.00E+00 | 0.07 | | | | | |
| 300 | Farm B? | 683546.9 | 4861959.7 | | 1.87E-03 | 4.93E-04 | 0.01 | 9.23E-03 | 0.02 | 1.68E-03 | 4.25E-03 | 1.46 | 0.00E+00 | 1.84E-03 | 0.00E+00 | 0.01 | 5.91E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 3.68E-03 | 0.00E+00 | 0.00E+00 | 0.05 | | | | | |
| 301 | Farm C? | 682547.5 | 4862321.1 | | 4.02E-03 | 1.06E-03 | 0.03 | 0.02 | 0.04 | 3.61E-03 | 9.15E-03 | 3.13 | 0.00E+00 | 3.96E-03 | 0.00E+00 | 0.03 | 1.27E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.04 | 0.03 | 7.92E-03 | 0.00E+00 | 0.00E+00 | 0.10 | | | | | |
| 302 | Farm D? | 683238.3 | 4862393.3 | | 2.49E-03 | 6.58E-04 | 0.02 | 0.01 | 0.03 | 2.24E-03 | 5.67E-03 | 1.94 | 0.00E+00 | 2.45E-03 | 0.00E+00 | 0.02 | 7.88E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.03 | 0.02 | 4.91E-03 | 0.00E+00 | 0.00E+00 | 0.06 | | | | | |
| 303 | Farm E? | 682512.6 | 4862858.0 | | 3.44E-03 | 9.08E-04 | 0.02 | 0.02 | 0.04 | 3.09E-03 | 7.83E-03 | 2.68 | 0.00E+00 | 3.39E-03 | 0.00E+00 | 0.02 | 1.09E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.04 | 0.03 | 6.78E-03 | 0.00E+00 | 0.00E+00 | 0.09 | | | | | |
| 304 | Farm F? | 683129.1 | 4863649.4 | | 2.64E-03 | 6.97E-04 | 0.02 | 0.01 | 0.03 | 2.38E-03 | 6.01E-03 | 2.06 | 0.00E+00 | 2.60E-03 | 0.00E+00 | 0.02 | 8.36E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.03 | 0.02 | 5.21E-03 | 0.00E+00 | 0.00E+00 | 0.07 | | | | | |
| 305 | Bennett 1 | 688209.3 | 4862512.1 | | 5.92E-04 | 1.56E-04 | 4.27E-03 | 2.92E-03 | 6.39E-03 | 5.32E-04 | 1.35E-03 | 0.46 | 0.00E+00 | 5.83E-04 | 0.00E+00 | 4.14E-03 | 1.87E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.43E-03 | 4.84E-03 | 1.17E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | |
| 306 | Bennett 2 | 687990.0 | 4863221.3 | | 6.55E-04 | 1.73E-04 | 4.72E-03 | 3.23E-03 | 7.06E-03 | 5.88E-04 | 1.49E-03 | 0.51 | 0.00E+00 | 6.44E-04 | 0.00E+00 | 4.58E-03 | 2.07E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.11E-03 | 5.35E-03 | 1.29E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | |
| 307 | Bennett 3 | 688818.4 | 4862836.3 | | 5.60E-04 | 1.48E-04 | 4.04E-03 | 2.77E-03 | 6.04E-03 | 5.03E-04 | 1.27E-03 | 0.44 | 0.00E+00 | 5.51E-04 | 0.00E+00 | 3.92E-03 | 1.77E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.08E-03 | 4.58E-03 | 1.10E-03 | 0.00E+00 | 0.00E+00 | 0.01 | | | | | |
| 308 | Bennett 4 | 689045.1 | 4863365.5 | | 5.71E-04 | 1.51E-04 | 4.12E-03 | 2.82E-03 | 6.16E-03 | 5.13E-04 | 1.30E-03 | 0.44 | 0.00E+00 | 5.62E-04 | 0.00E+00 | 4.00E-03 | 1.80E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 6.21E-03 | 4.67E-03 | 1.12E-03 | 0.00E+00 | 0.00E+00 | 0.01 | | | | | |
| 309 | Bennett 5 | 688270.5 | 4863763.1 | | 6.98E-04 | 1.84E-04 | 5.04E-03 | 3.45E-03 | 7.53E-03 | 6.27E-04 | 1.59E-03 | 0.54 | 0.00E+00 | 6.87E-04 | 0.00E+00 | 4.89E-03 | 2.21E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.58E-03 | 5.71E-03 | 1.37E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | |
| 310 | Bennett 6 | 689908.5 | 4863100.5 | | 4.85E-04 | 1.28E-04 | 3.50E-03 | 2.40E-03 | 5.23E-03 | 4.36E-04 | 1.10E-03 | 0.38 | 0.00E+00 | 4.77E-04 | 0.00E+00 | 3.39E-04 | 1.53E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 5.27E-03 | 3.96E-03 | 9.55E-04 | 0.00E+00 | 0.00E+00 | 0.01 | | | | | |
| 311 | Bennett 7 | 688929.9 | 4864392.0 | | 6.65E-04 | 1.75E-04 | 4.80E-03 | 3.28E-03 | 7.17E-03 | 5.97E-04 | 1.51E-03 | | | | | | | | | | | | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)fluorene | Benzo(b)fluorene | Benzo(ghi)perylene | Benzo(a)pyrene | Benzo(e)pyrene | Biphenyl | 2-chloronaphthalene | Chrysene | Coronene | Dibenzo(a,c)anthracene | Dibenzo(a,h)anthracene | Dibenzo(a,e)pyrene | 9,10-dimethylanthracene | 7,12-dimethylbenzo(a)anthracene | Fluoranthene | Fluorine | Indeno(1,2,3-cd)pyrene | 2-methylanthracene | 3-methylanthracene | 1-methylanthracene | | | | | | |
|----------|------------------|----------|-----------|-------------|----------------------------------|----------------------|----------------------|--|------------------|--------------------|----------------|----------------|----------|---------------------|----------|----------|------------------------|------------------------|--------------------|-------------------------|---------------------------------|--------------|----------|------------------------|--------------------|--------------------|--------------------|---|---|---|---|---|---|
| | | | | | | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | 4.48E-07 | 1.18E-07 | 3.23E-06 | 2.21E-06 | 4.83E-06 | 4.02E-07 | 1.02E-06 | 3.49E-04 | 4.41E-07 | 3.13E-06 | 1.42E-07 | 4.87E-06 | 3.66E-06 | 8.82E-07 | | | | | | | | | | | |
| 331 | Upper Tooley 4 | 678898.8 | 4861800.6 | | | 3.84E-03 | 1.01E-03 | 0.03 | 0.02 | 0.04 | 3.45E-03 | 8.73E-03 | 2.99 | 0.00E+00 | 3.78E-03 | 0.00E+00 | 0.03 | 1.21E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.04 | 0.03 | 7.56E-03 | 0.00E+00 | 0.00E+00 | 0.10 | | | | | | |
| 332 | Upper Tooley 5 | 680353.5 | 4862156.5 | | | 3.65E-03 | 9.63E-04 | 0.03 | 0.02 | 0.04 | 3.28E-03 | 8.30E-03 | 2.84 | 0.00E+00 | 3.59E-03 | 0.00E+00 | 0.03 | 1.15E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.04 | 0.03 | 7.19E-03 | 0.00E+00 | 0.00E+00 | 0.09 | | | | | | |
| 333 | Upper Tooley 6 | 679818.1 | 4861625.7 | | | 4.31E-03 | 1.14E-03 | 0.03 | 0.02 | 0.05 | 3.87E-03 | 9.81E-03 | 3.36 | 0.00E+00 | 4.25E-03 | 0.00E+00 | 0.03 | 1.36E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.05 | 0.04 | 8.49E-03 | 0.00E+00 | 0.00E+00 | 0.11 | | | | | | |
| 334 | Robinson 1 | 678434.8 | 4860943.1 | | | 4.73E-03 | 1.25E-03 | 0.03 | 0.02 | 0.05 | 4.24E-03 | 0.01 | 3.68 | 0.00E+00 | 4.65E-03 | 0.00E+00 | 0.03 | 1.49E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.05 | 0.04 | 9.30E-03 | 0.00E+00 | 0.00E+00 | 0.12 | | | | | | |
| 335 | Robinson 2 | 677752.6 | 4861240.6 | | | 3.82E-03 | 1.01E-03 | 0.03 | 0.02 | 0.04 | 3.43E-03 | 8.69E-03 | 2.97 | 0.00E+00 | 3.76E-03 | 0.00E+00 | 0.03 | 1.21E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.04 | 0.03 | 7.52E-03 | 0.00E+00 | 0.00E+00 | 0.10 | | | | | | |
| 336 | Robinson 3 | 677642.2 | 4861787.2 | | | 3.24E-03 | 8.55E-04 | 0.02 | 0.02 | 0.03 | 2.91E-03 | 7.37E-03 | 2.53 | 0.00E+00 | 3.19E-03 | 0.00E+00 | 0.02 | 1.02E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.04 | 0.03 | 6.38E-03 | 0.00E+00 | 0.00E+00 | 0.08 | | | | | | |
| 337 | Robinson 4 | 678532.7 | 4862143.6 | | | 3.31E-03 | 8.74E-04 | 0.02 | 0.02 | 0.04 | 2.98E-03 | 7.53E-03 | 2.58 | 0.00E+00 | 3.26E-03 | 0.00E+00 | 0.02 | 1.05E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.04 | 0.03 | 6.52E-03 | 0.00E+00 | 0.00E+00 | 0.08 | | | | | | |
| 338 | Robinson 5 | 678005.1 | 4862784.9 | | | 2.63E-03 | 6.93E-04 | 0.02 | 0.01 | 0.03 | 2.36E-03 | 5.97E-03 | 2.05 | 0.00E+00 | 2.59E-03 | 0.00E+00 | 0.02 | 8.30E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.03 | 0.02 | 5.17E-03 | 0.00E+00 | 0.00E+00 | 0.07 | | | | | | |
| 339 | Robinson 6 | 677882.7 | 4860587.7 | | | 3.32E-03 | 8.75E-04 | 0.02 | 0.02 | 0.04 | 2.98E-03 | 7.55E-03 | 2.58 | 0.00E+00 | 3.27E-03 | 0.00E+00 | 0.02 | 1.05E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.04 | 0.03 | 6.53E-03 | 0.00E+00 | 0.00E+00 | 0.09 | | | | | | |
| 340 | F/B 1 | 677443.1 | 4867862.1 | | | 8.33E-04 | 2.20E-04 | 6.01E-03 | 4.11E-03 | 8.98E-03 | 7.48E-04 | 1.89E-03 | 0.65 | 0.00E+00 | 8.20E-04 | 0.00E+00 | 5.83E-03 | 2.63E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.05E-03 | 6.81E-03 | 1.64E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | | |
| 341 | F/B 2 | 679667.4 | 4866611.4 | | | 1.11E-03 | 2.93E-04 | 8.01E-03 | 5.48E-03 | 0.01 | 9.97E-04 | 2.52E-03 | 0.86 | 0.00E+00 | 1.09E-03 | 0.00E+00 | 7.77E-03 | 3.51E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 9.07E-03 | 2.18E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | |
| 342 | F/B 3 | 678655.0 | 4867470.1 | | | 1.21E-03 | 3.19E-04 | 8.72E-03 | 5.96E-03 | 0.01 | 1.09E-03 | 2.75E-03 | 0.94 | 0.00E+00 | 1.19E-03 | 0.00E+00 | 8.45E-03 | 3.82E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 9.87E-03 | 2.38E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | | |
| 343 | F/B 4 | 676191.2 | 4866844.7 | | | 6.99E-04 | 1.84E-04 | 5.04E-03 | 3.45E-03 | 7.53E-03 | 6.28E-04 | 1.59E-03 | 0.54 | 0.00E+00 | 6.88E-04 | 0.00E+00 | 4.89E-03 | 2.21E-04 | 0.00E+00 | 0.00E+00 | 7.59E-03 | 5.71E-03 | 1.38E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | | | |
| 344 | F/B 5 | 678273.3 | 4866093.0 | | | 1.13E-03 | 2.98E-04 | 8.15E-03 | 5.58E-03 | 0.01 | 1.01E-03 | 2.57E-03 | 0.88 | 0.00E+00 | 1.11E-03 | 0.00E+00 | 7.90E-03 | 3.57E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 9.23E-03 | 2.22E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | | |
| 345 | F/B 6 | 681241.2 | 4867098.8 | | | 9.36E-04 | 2.47E-04 | 6.75E-03 | 4.62E-03 | 0.01 | 8.40E-04 | 2.13E-03 | 0.73 | 0.00E+00 | 9.21E-04 | 0.00E+00 | 6.55E-03 | 2.96E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 7.65E-03 | 1.84E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | | | |
| 346 | F/B 7 | 682165.3 | 4868082.3 | | | 8.77E-04 | 2.31E-04 | 6.33E-03 | 4.33E-03 | 9.45E-03 | 7.87E-04 | 1.99E-03 | 0.68 | 0.00E+00 | 8.63E-04 | 0.00E+00 | 6.13E-03 | 2.77E-04 | 0.00E+00 | 0.00E+00 | 9.52E-03 | 7.16E-03 | 1.73E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | | | |
| 347 | F/B 8 | 679366.6 | 4868628.3 | | | 8.18E-04 | 2.16E-04 | 5.90E-03 | 4.04E-03 | 8.82E-03 | 7.35E-04 | 1.86E-03 | 0.64 | 0.00E+00 | 8.05E-04 | 0.00E+00 | 5.72E-03 | 2.58E-04 | 0.00E+00 | 0.00E+00 | 8.89E-03 | 6.69E-03 | 1.61E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | | | |
| 348 | F/B 9 | 680310.1 | 4869967.1 | | | 5.64E-04 | 1.49E-04 | 4.07E-03 | 2.78E-03 | 6.08E-03 | 5.06E-04 | 1.28E-03 | 0.44 | 0.00E+00 | 5.55E-04 | 0.00E+00 | 3.95E-03 | 1.78E-04 | 0.00E+00 | 0.00E+00 | 6.12E-03 | 4.61E-03 | 1.11E-03 | 0.00E+00 | 0.00E+00 | 0.01 | | | | | | | |
| 349 | F/B 10 | 676487.3 | 4869291.6 | | | 6.25E-04 | 1.65E-04 | 4.51E-03 | 3.08E-03 | 6.74E-03 | 5.61E-04 | 1.42E-03 | 0.49 | 0.00E+00 | 6.15E-04 | 0.00E+00 | 4.37E-03 | 1.97E-04 | 0.00E+00 | 0.00E+00 | 6.79E-03 | 5.11E-03 | 1.23E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | | | |
| 350 | F/B 11 | 676851.4 | 4865409.3 | | | 8.81E-04 | 2.32E-04 | 6.35E-03 | 4.35E-03 | 7.91E-04 | 2.00E-03 | 0.69 | 0.00E+00 | 8.67E-04 | 0.00E+00 | 6.16E-03 | 2.78E-04 | 0.00E+00 | 0.00E+00 | 9.57E-03 | 7.20E-03 | 1.73E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | | | | |
| 351 | F/B 12 | 681153.3 | 4868682.2 | | | 7.61E-04 | 2.01E-04 | 5.49E-03 | 3.76E-03 | 8.20E-03 | 6.83E-04 | 1.73E-03 | 0.59 | 0.00E+00 | 7.49E-04 | 0.00E+00 | 5.32E-03 | 2.40E-04 | 0.00E+00 | 0.00E+00 | 8.26E-03 | 6.22E-03 | 1.50E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | | | |
| 352 | F/B 13 | 675416.3 | 4859833.9 | | | 1.19E-03 | 3.13E-04 | 8.56E-03 | 5.86E-03 | 0.01 | 1.07E-03 | 2.70E-03 | 0.92 | 0.00E+00 | 1.17E-03 | 0.00E+00 | 8.30E-03 | 3.75E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 9.69E-03 | 2.33E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | | |
| 353 | Second 1 | 675153.4 | 4860552.8 | | | 1.46E-03 | 3.85E-04 | 0.01 | 7.21E-03 | 0.02 | 1.31E-03 | 3.32E-03 | 1.14 | 0.00E+00 | 1.44E-03 | 0.00E+00 | 0.01 | 4.62E-04 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 2.88E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | | | | | | |
| 354 | Second 2 | 675297.5 | 4860891.3 | | | 1.52E-03 | 4.01E-04 | 0.01 | 7.50E-03 | 0.02 | 1.37E-03 | 3.46E-03 | 1.18 | 0.00E+00 | 1.50E-03 | 0.00E+00 | 0.01 | 4.80E-04 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 2.99E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | | | | | | |
| 355 | Second 3 | 675647.2 | 4860644.9 | | | 1.67E-03 | 4.40E-04 | 0.01 | 8.23E-03 | 0.02 | 1.50E-03 | 3.79E-03 | 1.30 | 0.00E+00 | 1.64E-03 | 0.00E+00 | 0.01 | 5.27E-04 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 3.28E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | | | | | | |
| 356 | Second 4 | 675670.5 | 4860076.5 | | | 1.40E-03 | 3.70E-04 | 0.01 | 6.93E-03 | 0.02 | 1.26E-03 | 3.19E-03 | 1.09 | 0.00E+00 | 1.38E-03 | 0.00E+00 | 9.82E-03 | 4.43E-04 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 2.76E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | | | | | | |
| 357 | Second 5 | 676043.3 | 4860319.1 | | | 1.71E-03 | 4.52E-04 | 0.01 | 8.46E-03 | 0.02 | 1.54E-03 | 3.89E-03 | 1.33 | 0.00E+00 | 1.69E-03 | 0.00E+00 | 0.01 | 5.41E-04 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 3.37E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | | | | | | |
| 358 | Second 6 | 675923.4 | 4859821.4 | | | 1.28E-03 | 3.39E-04 | 9.27E-03 | 6.34E-03 | 0.01 | 1.15E-03 | 2.92E-03 | 1.00 | 0.00E+00 | 1.26E-03 | 0.00E+00 | 8.99E-03 | 4.06E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.53E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | | |
| 359 | McLaughlin Bay 1 | 676714.7 | 4860903.8 | | | 2.15E-03 | 5.68E-04 | 0.02 | 0.01 | 0.02 | 1.94E-03 | 4.90E-03 | 1.68 | 0.00E+00 | 2.12E-03 | 0.00E+00 | 0.02 | 6.81E-04 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 4.24E-03 | 0.00E+00 | 0.00E+00 | 0.06 | | | | | | | |
| 360 | McLaughlin Bay 2 | 677310.8 | 4860528.2 | | | 2.68E-03 | 7.07E-04 | 0.02 | 0.01 | 0.03 | 2.41E-03 | 6.09E-03 | 2.09 | 0.00E+00 | 2.64E-03 | 0.00E+00 | 0.02 | 8.47E-04 | 0.00E+00 | 0.00E+00 | 0.03 | 0.02 | 5.28E-03 | 0.00E+00 | 0.00E+00 | 0.07 | | | | | | | |
| 361 | McLaughlin Bay 3 | 676563.5 | 4860260.1 | | | 1.91E-03 | 5.03E-04 | 0.01 | 9.43E-03 | 0.02 | 1.71E-03 | 4.34E-03 | 1.49 | 0.00E+00 | 1.88E-03 | 0.00E+00 | 0.01 | 6.03E-04 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 3.76E-03 | 0.00E+00 | 0.00E+00 | 0.05 | | | | | | | |
| 362 | McLaughlin Bay 4 | 676699.5 | 4859696.6 | | | 1.44E-03 | 3.80E-04 | 0.01 | 7.12E-03 | 0.02 | 1.30E-03 | 3.28E-03 | 1.12 | 0.00E+00 | 1.42E-03 | 0.00E+00 | 0.01 | 4.56E-04 | 0.00E+00 | 0.00E+00 | 0.02 | 0.01 | 2.84E-03 | 0.00E+00 | 0.00E+00 | 0.04 | | | | | | | |
| 363 | McLaughlin Bay 5 | 677560.0 | 4860060.1 | | | 2.05E-03 | 5.42E-04 | 0.01 | 0.01 | 0.02 | 1.84E-03 | 4.67E-03 | 1.60 | 0.00E+00 | 2.02E-03 | 0.00E+00 | 0.01 | 6.49E-04 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 4.04E-03 | 0.00E+00 | 0.00E+00 | 0.05 | | | | | | | |
| 364 | McLaughlin Bay 6 | 678204.5 | 4859832.5 | | | 2.13E-03 | 5.61E-04 | 0.02 | 0.01 | 0.02 | 1.91E-03 | 4.83E-03 | 1.66 | 0.00E+00 | 2.09E-03 | 0.00E+00 | 0.01 | 6.72E-04 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 4.19E-03 | 0.00E+00 | 0.00E+00 | 0.05 | | | | | | | |
| 365 | Harmony Creek 1 | 674178.3 | 4861024.2 | | | 1.36E-03 | 3.59E-04 | 9.83E-03 | 6.72E-03 | 0.01 | 1.22E-03 | 3.10E-03 | 1.06 | 0.00E+00 | 1.34E-03 | 0.00E+00 | 9.53E-03 | 4.32E-04 | 0.00E+00 | 0.00E+00 | 0.01 | 0.01 | 2.68E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | | | |
| 366 | Harmony Creek 2 | 674592.0 | 4862605.3 | | | 1.87E-03 | 4.92E-04 | 0.01 | 9.22E-03 | 0.02 | 1.68E-03 | 4.25E-03 | 1.45 | 0.00E+00 | 1.84E-03 | 0.00E+00 | 0.01 | 5.90E-04 | 0.00E+00 | 0.00E+00 | 0.02 | 0.02 | 3.68E-03 | 0.00E+00 | 0.00E+00 | 0.05 | | | | | | | |
| 367 | Harmony Creek 3 | 672863.4 | 4862808.0 | | | 1.38E-03 | 3.63E-04 | 9.92E-03 | 6.79E-03 | 0.01 | 1.24E-03 | 3.13E-03 | 1.07 | 0.00E+00 | 1.35E-03 | 0.00E+00 | 9.62E-03 | 4.35E-04 | 0.00E+00 | 0.00E+00 | 0 | | | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Benzo(b)fluoranthene | Benzo(k)fluoranthene | Benzo(a)fluorene | Benzo(b)fluorene | Benzo(ghi)perylene | Benzo(a)pyrene | Benzo(e)pyrene | Biphenyl | 2-chloronaphthalene | Chrysene | Coronene | Dibenzo(a,c)anthracene | Dibenzo(a,h)anthracene | Dibenzo(a,e)pyrene | 9,10-dimethylanthracene | 7,12-dimethylbenzo(a)anthracene | Fluoranthene | Fluorine | Indeno(1,2,3-cd)pyrene | 2-methylanthracene | 3-methylanthracene | 1-methylanthracene | | | | | |
|----------|-------------------|----------|-----------|--|----------------------------------|----------------------|----------------------|------------------|------------------|--------------------|----------------|----------------|----------|---------------------|----------|----------|------------------------|------------------------|--------------------|-------------------------|---------------------------------|--------------|----------|------------------------|--------------------|--------------------|--------------------|---|---|---|----------|---|
| | | | | Vapour (V)/Particulate (P) Phase | | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | Updated Facility Contaminant Emission Rate (g/s) | | (m) | (m) | 4.48E-07 | 1.18E-07 | 3.23E-06 | 2.21E-06 | 4.83E-06 | 4.02E-07 | 1.02E-06 | 3.49E-04 | | 4.41E-07 | | | 3.13E-06 | 1.42E-07 | | | | 4.87E-06 | 3.66E-06 | 8.82E-07 | | | | 1.15E-05 | |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | | 1.08E-03 | 2.84E-04 | 7.78E-03 | 5.32E-03 | 0.01 | 9.68E-04 | 2.45E-03 | 0.84 | 0.00E+00 | 1.06E-03 | 0.00E+00 | 7.54E-03 | 3.41E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 8.81E-03 | 2.12E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | | 8.69E-04 | 2.29E-04 | 6.27E-03 | 4.29E-03 | 9.38E-03 | 7.81E-04 | 1.98E-03 | 0.68 | 0.00E+00 | 8.56E-04 | 0.00E+00 | 6.08E-03 | 2.75E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 9.44E-03 | 7.11E-03 | 1.71E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | | 1.08E-03 | 2.84E-04 | 7.77E-03 | 5.32E-03 | 0.01 | 9.67E-04 | 2.45E-03 | 0.84 | 0.00E+00 | 1.06E-03 | 0.00E+00 | 7.54E-03 | 3.40E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.01 | 8.80E-03 | 2.12E-03 | 0.00E+00 | 0.00E+00 | 0.03 | | | | | |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | | 7.55E-04 | 1.99E-04 | 5.44E-03 | 3.73E-03 | 8.14E-03 | 6.78E-04 | 1.72E-03 | 0.59 | 0.00E+00 | 7.43E-04 | 0.00E+00 | 5.28E-03 | 2.38E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 8.20E-03 | 6.17E-03 | 1.49E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | |
| 390 | Farmer | 677409.8 | 4861051.4 | | | 3.19E-03 | 8.42E-04 | 0.02 | 0.02 | 0.03 | 2.87E-03 | 7.26E-03 | 2.49 | 0.00E+00 | 3.14E-03 | 0.00E+00 | 0.02 | 1.01E-03 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.03 | 0.03 | 6.29E-03 | 0.00E+00 | 0.00E+00 | 0.08 | | | | | |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | | 6.72E-04 | 1.77E-04 | 4.85E-03 | 3.32E-03 | 7.25E-03 | 6.04E-04 | 1.53E-03 | 0.52 | 0.00E+00 | 6.62E-04 | 0.00E+00 | 4.70E-03 | 2.12E-04 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 7.30E-03 | 5.49E-03 | 1.32E-03 | 0.00E+00 | 0.00E+00 | 0.02 | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | 2-methyl naphthalene | 1-methyl phenanthrene | 9-methyl phenanthrene | Naphthalene | Perylene | Phenanthrene | Picene | Pyrene | Quinoline | Tetralin | Triphenylene | O-terphenyl | M-terphenyl | P-terphenyl | Volatile Organic Chemicals (VOC) | Acetaldehyde | Acetone | Acrolein | Benzene | Bromodichloromethane | Bromoform | Bromothane | | | | |
|----------|----------------------------|--|-----------|-------------|----------------------------------|----------------------------------|-----------------------|-----------------------|-------------|----------|--------------|----------|----------|-----------|----------|--------------|-------------|-------------|-------------|----------------------------------|--------------|----------|----------|----------|----------------------|-----------|------------|----------|------|----------|----------|
| | | (m) | (m) | | | Vapour (V)/Particulate (P) Phase | V | V | V | V | V | V | V | V | V | V | V | V | V | | V | V | V | V | V | V | V | V | V | V | V |
| | | Updated Facility Contaminant Emission Rate (g/s) | 6.36E-05 | | | | | 4.95E-05 | 1.77E-07 | 1.11E-05 | | 5.87E-06 | | 5.83E-05 | | 9.57E-06 | | | | | | | | 6.22E-08 | | | | 3.63E-03 | 0.02 | 5.93E-03 | 4.21E-03 |
| 1 | Campground 10 | 678526.8 | 485996.8 | | | 0.35 | 0.00E+00 | 0.00E+00 | 0.27 | 9.73E-04 | 0.06 | 0.00E+00 | 0.03 | 0.00E+00 | 0.32 | 0.00E+00 | 0.05 | 0.00E+00 | 0.00E+00 | | 3.43E-04 | 0.00E+00 | 0.00E+00 | 19.98 | 119.48 | 32.68 | 23.21 | | | | |
| 2 | ECO 2 | 675490.4 | 4860360.1 | | | 0.22 | 0.00E+00 | 0.00E+00 | 0.17 | 5.97E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.20 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.10E-04 | 0.00E+00 | 0.00E+00 | 12.26 | 73.35 | 20.06 | 14.24 | | | | |
| 3 | Recreational 5 | 681642.0 | 4860349.3 | | | 0.60 | 0.00E+00 | 0.00E+00 | 0.47 | 1.67E-03 | 0.10 | 0.00E+00 | 0.06 | 0.00E+00 | 0.55 | 0.00E+00 | 0.09 | 0.00E+00 | 0.00E+00 | | 5.88E-04 | 0.00E+00 | 0.00E+00 | 34.28 | 205.10 | 56.09 | 39.80 | | | | |
| 4 | ECO 4 | 676831.5 | 4859840.9 | | | 0.22 | 0.00E+00 | 0.00E+00 | 0.17 | 6.07E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.20 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.14E-04 | 0.00E+00 | 0.00E+00 | 12.46 | 74.50 | 20.37 | 14.47 | | | | |
| 5 | Bow. Valley Cons. 3 | 685767.2 | 4863879.0 | | | 0.16 | 0.00E+00 | 0.00E+00 | 0.12 | 4.39E-04 | 0.03 | 0.00E+00 | 0.01 | 0.00E+00 | 0.14 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.54E-04 | 0.00E+00 | 0.00E+00 | 9.01 | 53.88 | 14.74 | 10.46 | | | | |
| 6 | ECO 6 | 679647.8 | 4859989.3 | | | 1.22 | 0.00E+00 | 0.00E+00 | 0.95 | 3.38E-03 | 0.21 | 0.00E+00 | 0.11 | 0.00E+00 | 1.12 | 0.00E+00 | 0.18 | 0.00E+00 | 0.00E+00 | | 1.19E-03 | 0.00E+00 | 0.00E+00 | 69.47 | 415.62 | 113.67 | 80.67 | | | | |
| 7 | ECO 7 | 681578.8 | 4862070.1 | | | 0.67 | 0.00E+00 | 0.00E+00 | 0.52 | 1.87E-03 | 0.12 | 0.00E+00 | 0.06 | 0.00E+00 | 0.62 | 0.00E+00 | 0.10 | 0.00E+00 | 0.00E+00 | | 6.59E-04 | 0.00E+00 | 0.00E+00 | 38.43 | 229.90 | 62.88 | 44.63 | | | | |
| 8 | ECO 8 | 679735.5 | 4861048.6 | | | 1.11 | 0.00E+00 | 0.00E+00 | 0.87 | 3.09E-03 | 0.19 | 0.00E+00 | 0.10 | 0.00E+00 | 1.02 | 0.00E+00 | 0.17 | 0.00E+00 | 0.00E+00 | | 1.09E-03 | 0.00E+00 | 0.00E+00 | 63.46 | 379.57 | 103.81 | 73.69 | | | | |
| 9 | ECO 9 | 687219.7 | 4864249.3 | | | 0.11 | 0.00E+00 | 0.00E+00 | 0.09 | 3.17E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.10 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.12E-04 | 0.00E+00 | 0.00E+00 | 6.50 | 38.90 | 10.64 | 7.55 | | | | |
| 10 | ECO 10 | 686519.0 | 4861987.6 | | | 0.11 | 0.00E+00 | 0.00E+00 | 0.08 | 2.93E-04 | 0.02 | 0.00E+00 | 9.75E-03 | 0.00E+00 | 0.10 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.03E-04 | 0.00E+00 | 0.00E+00 | 6.02 | 36.03 | 9.85 | 6.99 | | | | |
| 11 | ECO 11 | 679870.4 | 4859737.9 | | | 0.77 | 0.00E+00 | 0.00E+00 | 0.60 | 2.13E-03 | 0.13 | 0.00E+00 | 0.07 | 0.00E+00 | 0.70 | 0.00E+00 | 0.12 | 0.00E+00 | 0.00E+00 | | 7.51E-04 | 0.00E+00 | 0.00E+00 | 43.79 | 262.02 | 71.66 | 50.84 | | | | |
| 12 | Recreational 4 | 681575.5 | 4860557.7 | | | 0.58 | 0.00E+00 | 0.00E+00 | 0.45 | 1.60E-03 | 0.10 | 0.00E+00 | 0.05 | 0.00E+00 | 0.53 | 0.00E+00 | 0.09 | 0.00E+00 | 0.00E+00 | | 5.65E-04 | 0.00E+00 | 0.00E+00 | 32.92 | 196.94 | 53.86 | 38.22 | | | | |
| 13 | Future Industrial 9 | 680704.5 | 4859857.8 | | | 0.95 | 0.00E+00 | 0.00E+00 | 0.74 | 2.63E-03 | 0.16 | 0.00E+00 | 0.09 | 0.00E+00 | 0.87 | 0.00E+00 | 0.14 | 0.00E+00 | 0.00E+00 | | 9.26E-04 | 0.00E+00 | 0.00E+00 | 54.07 | 323.13 | 88.37 | 62.79 | | | | |
| 14 | Future Industrial 10 | 680608.0 | 4860719.6 | | | 1.73 | 0.00E+00 | 0.00E+00 | 1.35 | 4.80E-03 | 0.30 | 0.00E+00 | 0.16 | 0.00E+00 | 1.59 | 0.00E+00 | 0.26 | 0.00E+00 | 0.00E+00 | | 1.69E-03 | 0.00E+00 | 0.00E+00 | 98.63 | 589.82 | 161.31 | 114.53 | | | | |
| 15 | Harmony Creek | 673992.4 | 4865641.4 | | | 0.11 | 0.00E+00 | 0.00E+00 | 0.08 | 3.02E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.10 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.06E-04 | 0.00E+00 | 0.00E+00 | 6.20 | 37.09 | 10.14 | 7.20 | | | | |
| 16 | Farewell Creek | 678079.2 | 4868822.7 | | | 0.13 | 0.00E+00 | 0.00E+00 | 0.10 | 3.61E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.12 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.27E-04 | 0.00E+00 | 0.00E+00 | 7.42 | 44.35 | 12.13 | 8.61 | | | | |
| 17 | Farmer | 681378.6 | 4860335.0 | | | 0.79 | 0.00E+00 | 0.00E+00 | 0.61 | 2.18E-03 | 0.14 | 0.00E+00 | 0.07 | 0.00E+00 | 0.72 | 0.00E+00 | 0.12 | 0.00E+00 | 0.00E+00 | | 7.68E-04 | 0.00E+00 | 0.00E+00 | 44.76 | 267.82 | 73.25 | 51.97 | | | | |
| 18 | Watson Farm | 682883.4 | 4864219.7 | | | 0.29 | 0.00E+00 | 0.00E+00 | 0.22 | 7.96E-04 | 0.05 | 0.00E+00 | 0.03 | 0.00E+00 | 0.26 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.80E-04 | 0.00E+00 | 0.00E+00 | 16.34 | 97.73 | 26.73 | 18.97 | | | | |
| 19 | Racanski Farm | 678929.2 | 4865530.2 | | | 0.22 | 0.00E+00 | 0.00E+00 | 0.17 | 6.08E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.20 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.14E-04 | 0.00E+00 | 0.00E+00 | 12.48 | 74.64 | 20.41 | 14.49 | | | | |
| 20 | Zoo | 687216.8 | 4864835.3 | | | 0.12 | 0.00E+00 | 0.00E+00 | 0.10 | 3.45E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.11 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.22E-04 | 0.00E+00 | 0.00E+00 | 7.09 | 42.40 | 11.60 | 8.23 | | | | |
| 21 | Cedar Crest Beach | 686652.1 | 4861660.9 | | | 0.10 | 0.00E+00 | 0.00E+00 | 0.08 | 2.87E-04 | 0.02 | 0.00E+00 | 9.54E-03 | 0.00E+00 | 0.09 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.01E-04 | 0.00E+00 | 0.00E+00 | 5.89 | 35.27 | 9.65 | 6.84 | | | | |
| 22 | Darlington Prov Park Beach | 677844.6 | 4859718.2 | | | 0.26 | 0.00E+00 | 0.00E+00 | 0.20 | 7.21E-04 | 0.05 | 0.00E+00 | 0.02 | 0.00E+00 | 0.24 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.54E-04 | 0.00E+00 | 0.00E+00 | 14.81 | 88.56 | 24.22 | 17.19 | | | | |
| 23 | OPG 1 | 682258.1 | 4860045.0 | | | 0.35 | 0.00E+00 | 0.00E+00 | 0.28 | 9.82E-04 | 0.06 | 0.00E+00 | 0.03 | 0.00E+00 | 0.32 | 0.00E+00 | 0.05 | 0.00E+00 | 0.00E+00 | | 3.46E-04 | 0.00E+00 | 0.00E+00 | 20.15 | 120.54 | 32.97 | 23.40 | | | | |
| 24 | OPG 2 | 682551.4 | 4859889.1 | | | 0.28 | 0.00E+00 | 0.00E+00 | 0.22 | 7.89E-04 | 0.05 | 0.00E+00 | 0.03 | 0.00E+00 | 0.26 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.78E-04 | 0.00E+00 | 0.00E+00 | 16.20 | 96.88 | 26.50 | 18.81 | | | | |
| 25 | OPG 3 | 682824.6 | 4859759.3 | | | 0.23 | 0.00E+00 | 0.00E+00 | 0.18 | 6.37E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.21 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.24E-04 | 0.00E+00 | 0.00E+00 | 13.08 | 78.25 | 21.40 | 15.19 | | | | |
| 26 | OPG 4 | 683021.6 | 4859937.3 | | | 0.26 | 0.00E+00 | 0.00E+00 | 0.21 | 7.33E-04 | 0.05 | 0.00E+00 | 0.02 | 0.00E+00 | 0.24 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.58E-04 | 0.00E+00 | 0.00E+00 | 15.06 | 90.05 | 24.63 | 17.48 | | | | |
| 27 | OPG 5 | 683318.2 | 4859677.8 | | | 0.19 | 0.00E+00 | 0.00E+00 | 0.15 | 5.37E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.18 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.89E-04 | 0.00E+00 | 0.00E+00 | 11.02 | 65.91 | 18.03 | 12.80 | | | | |
| 28 | OPG 6 | 683306.9 | 4860023.0 | | | 0.27 | 0.00E+00 | 0.00E+00 | 0.21 | 7.59E-04 | 0.05 | 0.00E+00 | 0.03 | 0.00E+00 | 0.25 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.67E-04 | 0.00E+00 | 0.00E+00 | 15.59 | 93.27 | 25.51 | 18.10 | | | | |
| 29 | OPG 7 | 683718.6 | 4859915.8 | | | 0.23 | 0.00E+00 | 0.00E+00 | 0.18 | 6.40E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.21 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.25E-04 | 0.00E+00 | 0.00E+00 | 13.13 | 78.55 | 21.48 | 15.25 | | | | |
| 30 | OPG 8 | 682702.0 | 4859998.6 | | | 0.31 | 0.00E+00 | 0.00E+00 | 0.24 | 8.73E-04 | 0.05 | 0.00E+00 | 0.03 | 0.00E+00 | 0.29 | 0.00E+00 | 0.05 | 0.00E+00 | 0.00E+00 | | 3.07E-04 | 0.00E+00 | 0.00E+00 | 17.92 | 107.21 | 29.32 | 20.81 | | | | |
| 31 | OPG 9 | 684347.7 | 4861184.6 | | | 0.18 | 0.00E+00 | 0.00E+00 | 0.14 | 5.02E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.17 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.77E-04 | 0.00E+00 | 0.00E+00 | 10.31 | 61.69 | 16.87 | 11.98 | | | | |
| 32 | OPG 10 | 682157.2 | 4861228.2 | | | 0.53 | 0.00E+00 | 0.00E+00 | 0.41 | 1.47E-03 | 0.09 | 0.00E+00 | 0.05 | 0.00E+00 | 0.49 | 0.00E+00 | 0.08 | 0.00E+00 | 0.00E+00 | | 5.19E-04 | 0.00E+00 | 0.00E+00 | 30.25 | 180.93 | 49.48 | 35.12 | | | | |
| 33 | St. Mary's 1 | 684557.0 | 4861070.0 | | | 0.18 | 0.00E+00 | 0.00E+00 | 0.14 | 5.04E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.17 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.77E-04 | 0.00E+00 | 0.00E+00 | 10.34 | 61.84 | 16.91 | 12.00 | | | | |
| 34 | St. Mary's 2 | 684657.3 | 4861320.8 | | | 0.16 | 0.00E+00 | 0.00E+00 | 0.13 | 4.58E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.15 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.61E-04 | 0.00E+00 | 0.00E+00 | 9.40 | 56.23 | 15.38 | 10.92 | | | | |
| 35 | St. Mary's 3 | 684905.3 | 4861154.4 | | | 0.16 | 0.00E+00 | 0.00E+00 | 0.13 | 4.51E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.15 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.59E-04 | 0.00E+00 | 0.00E+00 | 9.26 | 55.42 | 15.16 | 10.76 | | | | |
| 36 | Court. Subdivision 1 | 677328.4 | 4862976.1 | | | 0.27 | 0.00E+00 | 0.00E+00 | 0.21 | 7.49E-04 | 0.05 | 0.00E+00 | 0.02 | 0.00E+00 | 0.25 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.64E-04 | 0.00E+00 | 0.00E+00 | 15.38 | 92.00 | 25.16 | 17.86 | | | | |
| 37 | Court. Subdivision 2 | 676187.9 | 4862611.1 | | | 0.27 | 0.00E+00 | 0.00E+00 | 0.21 | 7.61E-04 | 0.05 | 0.00E+00 | 0.03 | 0.00E+00 | 0.25 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.68E-04 | 0.00E+00 | 0.00E+00 | 15.63 | 93.55 | 25.58 | 18.15 | | | | |
| 38 | Court. Subdivision 3 | 675974.8 | 4863484.1 | | | 0.18 | 0.00E+00 | 0.00E+00 | 0.14 | 5.01E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.17 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.76E-04 | 0.00E+00 | 0.00E+00 | 10.28 | 61.52 | 16.83 | 11.94 | | | | |
| 39 | Court. Subdivision 4 | 676606.1 | 4863214.1 | | | 0.22 | 0.00E+00 | 0.00E+00 | 0.17 | 6.01E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.20 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.11E-04 | 0.00E+00 | 0.00E+ | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | 2-methyl-naphthalene | 1-methyl-naphthalene | 9-methyl-naphthalene | Naphthalene | Perylene | Phenanthrene | Picene | Pyrene | Quinoline | Tetralin | Triphenylene | O-terphenyl | M-terphenyl | P-terphenyl | Volatile Organic Chemicals (VOC) | Acetaldehyde | Acetone | Acrolein | Benzene | Bromodichloromethane | Bromoform | Bromomethane | | | |
|----------|--------------------------|--|-----------|-------------|----------------------------------|----------------------------------|----------------------|----------------------|-------------|----------|--------------|----------|----------|-----------|----------|--------------|-------------|-------------|-------------|----------------------------------|--------------|----------|----------|---------|----------------------|-----------|--------------|----------|------|----------|
| | | (m) | (m) | | | Vapour (V)/Particulate (P) Phase | V | V | V | V | V | V | V | V | V | V | V | V | V | | V | V | V | V | V | V | V | V | V | V |
| | | Updated Facility Contaminant Emission Rate (g/s) | 6.36E-05 | | | | 4.95E-05 | 1.77E-07 | 1.11E-05 | | 5.87E-06 | | 5.83E-05 | | 9.57E-06 | | | | | | | | | | 6.22E-08 | | | 3.63E-03 | 0.02 | 5.93E-03 |
| 56 | Osh/Court Subdivision 1 | 677396.8 | 4860977.3 | | | 0.45 | 0.00E+00 | 0.00E+00 | 0.35 | 1.24E-03 | 0.08 | 0.00E+00 | 0.04 | 0.00E+00 | 0.41 | 0.00E+00 | 0.07 | 0.00E+00 | 0.00E+00 | | 4.37E-04 | 0.00E+00 | 0.00E+00 | 25.49 | 152.37 | 41.67 | 29.60 | | | |
| 57 | Osh/Court Subdivision 2 | 676633.5 | 4860816.8 | | | 0.30 | 0.00E+00 | 0.00E+00 | 0.23 | 8.35E-04 | 0.05 | 0.00E+00 | 0.03 | 0.00E+00 | 0.28 | 0.00E+00 | 0.05 | 0.00E+00 | 0.00E+00 | | 2.94E-04 | 0.00E+00 | 0.00E+00 | 17.14 | 102.49 | 28.03 | 19.90 | | | |
| 58 | Osh/Court Subdivision 3 | 676916.0 | 4861925.0 | | | 0.43 | 0.00E+00 | 0.00E+00 | 0.34 | 1.20E-03 | 0.08 | 0.00E+00 | 0.04 | 0.00E+00 | 0.40 | 0.00E+00 | 0.06 | 0.00E+00 | 0.00E+00 | | 4.22E-04 | 0.00E+00 | 0.00E+00 | 24.60 | 147.13 | 40.24 | 28.56 | | | |
| 59 | Osh/Court Subdivision 4 | 676730.5 | 4861317.1 | | | 0.35 | 0.00E+00 | 0.00E+00 | 0.28 | 9.84E-04 | 0.06 | 0.00E+00 | 0.03 | 0.00E+00 | 0.32 | 0.00E+00 | 0.05 | 0.00E+00 | 0.00E+00 | | 3.46E-04 | 0.00E+00 | 0.00E+00 | 20.21 | 120.80 | 33.04 | 23.46 | | | |
| 60 | Osh/Court Subdivision 5 | 676087.2 | 4861392.3 | | | 0.29 | 0.00E+00 | 0.00E+00 | 0.22 | 7.99E-04 | 0.05 | 0.00E+00 | 0.03 | 0.00E+00 | 0.26 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.81E-04 | 0.00E+00 | 0.00E+00 | 16.40 | 98.06 | 26.82 | 19.05 | | | |
| 61 | Osh/Court Subdivision 6 | 676177.1 | 4861722.2 | | | 0.35 | 0.00E+00 | 0.00E+00 | 0.27 | 9.78E-04 | 0.06 | 0.00E+00 | 0.03 | 0.00E+00 | 0.32 | 0.00E+00 | 0.05 | 0.00E+00 | 0.00E+00 | | 3.44E-04 | 0.00E+00 | 0.00E+00 | 20.08 | 120.05 | 32.83 | 23.32 | | | |
| 62 | Osh/Court Subdivision 7 | 675670.7 | 4861783.2 | | | 0.30 | 0.00E+00 | 0.00E+00 | 0.23 | 8.35E-04 | 0.05 | 0.00E+00 | 0.03 | 0.00E+00 | 0.28 | 0.00E+00 | 0.05 | 0.00E+00 | 0.00E+00 | | 2.94E-04 | 0.00E+00 | 0.00E+00 | 17.14 | 102.48 | 28.03 | 19.90 | | | |
| 63 | Osh/Court Subdivision 8 | 676050.8 | 4862055.7 | | | 0.38 | 0.00E+00 | 0.00E+00 | 0.29 | 1.05E-03 | 0.07 | 0.00E+00 | 0.03 | 0.00E+00 | 0.35 | 0.00E+00 | 0.06 | 0.00E+00 | 0.00E+00 | | 3.70E-04 | 0.00E+00 | 0.00E+00 | 21.60 | 129.17 | 35.33 | 25.08 | | | |
| 64 | Osh/Court Subdivision 9 | 676636.9 | 4862134.3 | | | 0.38 | 0.00E+00 | 0.00E+00 | 0.30 | 1.06E-03 | 0.07 | 0.00E+00 | 0.04 | 0.00E+00 | 0.35 | 0.00E+00 | 0.06 | 0.00E+00 | 0.00E+00 | | 3.73E-04 | 0.00E+00 | 0.00E+00 | 21.75 | 130.13 | 35.59 | 25.26 | | | |
| 65 | Osh/Court Subdivision 10 | 676571.3 | 4861634.8 | | | 0.39 | 0.00E+00 | 0.00E+00 | 0.31 | 1.09E-03 | 0.07 | 0.00E+00 | 0.04 | 0.00E+00 | 0.36 | 0.00E+00 | 0.06 | 0.00E+00 | 0.00E+00 | | 3.84E-04 | 0.00E+00 | 0.00E+00 | 22.43 | 134.12 | 36.68 | 26.05 | | | |
| 66 | Bow. Subdivision 11 | 684649.2 | 4863182.7 | | | 0.21 | 0.00E+00 | 0.00E+00 | 0.17 | 5.97E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.20 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.10E-04 | 0.00E+00 | 0.00E+00 | 12.25 | 73.28 | 20.04 | 14.23 | | | |
| 67 | Daycare B | 685172.4 | 4863933.1 | | | 0.20 | 0.00E+00 | 0.00E+00 | 0.16 | 5.59E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.18 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.97E-04 | 0.00E+00 | 0.00E+00 | 11.47 | 68.60 | 18.76 | 13.32 | | | |
| 68 | Daycare C | 685452.0 | 4863104.4 | | | 0.16 | 0.00E+00 | 0.00E+00 | 0.12 | 4.40E-04 | 0.03 | 0.00E+00 | 0.01 | 0.00E+00 | 0.15 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.55E-04 | 0.00E+00 | 0.00E+00 | 9.03 | 53.97 | 14.76 | 10.48 | | | |
| 69 | Daycare D | 685527.7 | 4864693.3 | | | 0.21 | 0.00E+00 | 0.00E+00 | 0.17 | 5.94E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.20 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.09E-04 | 0.00E+00 | 0.00E+00 | 12.20 | 72.97 | 19.96 | 14.16 | | | |
| 70 | Daycare E | 685735.4 | 4864790.8 | | | 0.20 | 0.00E+00 | 0.00E+00 | 0.16 | 5.59E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.18 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.97E-04 | 0.00E+00 | 0.00E+00 | 11.48 | 68.69 | 18.79 | 13.33 | | | |
| 71 | Daycare F | 685520.3 | 4864854.3 | | | 0.22 | 0.00E+00 | 0.00E+00 | 0.17 | 6.03E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.20 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.12E-04 | 0.00E+00 | 0.00E+00 | 12.39 | 74.11 | 20.27 | 14.39 | | | |
| 72 | Daycare G | 685441.9 | 4864878.0 | | | 0.22 | 0.00E+00 | 0.00E+00 | 0.17 | 6.15E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.20 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.16E-04 | 0.00E+00 | 0.00E+00 | 12.62 | 75.50 | 20.65 | 14.65 | | | |
| 73 | Daycare H | 686364.8 | 4864707.8 | | | 0.16 | 0.00E+00 | 0.00E+00 | 0.12 | 4.34E-04 | 0.03 | 0.00E+00 | 0.01 | 0.00E+00 | 0.14 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.53E-04 | 0.00E+00 | 0.00E+00 | 8.91 | 53.31 | 14.58 | 10.35 | | | |
| 74 | Daycare I | 685721.6 | 4865127.3 | | | 0.21 | 0.00E+00 | 0.00E+00 | 0.16 | 5.78E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.19 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.03E-04 | 0.00E+00 | 0.00E+00 | 11.86 | 70.95 | 19.40 | 13.77 | | | |
| 75 | Daycare J | 678256.3 | 4863565.4 | | | 0.21 | 0.00E+00 | 0.00E+00 | 0.17 | 5.97E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.20 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.10E-04 | 0.00E+00 | 0.00E+00 | 12.25 | 73.23 | 20.03 | 14.22 | | | |
| 76 | Daycare K | 677694.1 | 4864043.7 | | | 0.17 | 0.00E+00 | 0.00E+00 | 0.13 | 4.75E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.16 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.67E-04 | 0.00E+00 | 0.00E+00 | 9.76 | 58.34 | 15.96 | 11.33 | | | |
| 77 | Daycare L | 676479.5 | 4862526.2 | | | 0.28 | 0.00E+00 | 0.00E+00 | 0.22 | 7.82E-04 | 0.05 | 0.00E+00 | 0.03 | 0.00E+00 | 0.26 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.75E-04 | 0.00E+00 | 0.00E+00 | 16.06 | 96.10 | 26.28 | 18.65 | | | |
| 78 | Daycare M | 678320.9 | 4864763.5 | | | 0.18 | 0.00E+00 | 0.00E+00 | 0.14 | 5.04E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.17 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.77E-04 | 0.00E+00 | 0.00E+00 | 10.35 | 61.91 | 16.93 | 12.02 | | | |
| 79 | Daycare N | 678513.4 | 4865058.0 | | | 0.19 | 0.00E+00 | 0.00E+00 | 0.15 | 5.33E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.18 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.87E-04 | 0.00E+00 | 0.00E+00 | 10.93 | 65.38 | 17.88 | 12.70 | | | |
| 80 | Daycare O | 672788.7 | 4863936.6 | | | 0.17 | 0.00E+00 | 0.00E+00 | 0.13 | 4.61E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.15 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.62E-04 | 0.00E+00 | 0.00E+00 | 9.47 | 56.66 | 15.50 | 11.00 | | | |
| 81 | Daycare P | 673952.8 | 4863592.5 | | | 0.19 | 0.00E+00 | 0.00E+00 | 0.14 | 5.17E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.17 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.82E-04 | 0.00E+00 | 0.00E+00 | 10.62 | 63.54 | 17.38 | 12.33 | | | |
| 82 | Daycare Q | 671751.8 | 4864887.7 | | | 0.12 | 0.00E+00 | 0.00E+00 | 0.10 | 3.40E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.11 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.20E-04 | 0.00E+00 | 0.00E+00 | 6.98 | 41.78 | 11.43 | 8.11 | | | |
| 83 | Daycare R | 685714.4 | 4864667.4 | | | 0.20 | 0.00E+00 | 0.00E+00 | 0.16 | 5.55E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.18 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.95E-04 | 0.00E+00 | 0.00E+00 | 11.40 | 68.18 | 18.65 | 13.23 | | | |
| 84 | Daycare S | 684177.9 | 4863618.2 | | | 0.32 | 0.00E+00 | 0.00E+00 | 0.25 | 8.91E-04 | 0.06 | 0.00E+00 | 0.03 | 0.00E+00 | 0.29 | 0.00E+00 | 0.05 | 0.00E+00 | 0.00E+00 | | 3.14E-04 | 0.00E+00 | 0.00E+00 | 18.29 | 109.41 | 29.92 | 21.23 | | | |
| 85 | Daycare T | 678423.6 | 4864480.4 | | | 0.19 | 0.00E+00 | 0.00E+00 | 0.15 | 5.33E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.18 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.87E-04 | 0.00E+00 | 0.00E+00 | 10.94 | 65.38 | 17.88 | 12.70 | | | |
| 86 | Daycare U | 685330.5 | 4863435.1 | | | 0.18 | 0.00E+00 | 0.00E+00 | 0.14 | 4.98E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.16 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.75E-04 | 0.00E+00 | 0.00E+00 | 10.22 | 61.13 | 16.72 | 11.87 | | | |
| 87 | Daycare V | 685153.2 | 4863236.9 | | | 0.19 | 0.00E+00 | 0.00E+00 | 0.15 | 5.19E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.17 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.83E-04 | 0.00E+00 | 0.00E+00 | 10.65 | 63.73 | 17.43 | 12.37 | | | |
| 88 | Daycare W | 672679.0 | 4862044.9 | | | 0.14 | 0.00E+00 | 0.00E+00 | 0.11 | 4.00E-04 | 0.03 | 0.00E+00 | 0.01 | 0.00E+00 | 0.13 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.41E-04 | 0.00E+00 | 0.00E+00 | 8.21 | 49.09 | 13.43 | 9.53 | | | |
| 89 | Daycare X | 672076.5 | 4865285.8 | | | 0.11 | 0.00E+00 | 0.00E+00 | 0.08 | 2.93E-04 | 0.02 | 0.00E+00 | 9.74E-03 | 0.00E+00 | 0.10 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.03E-04 | 0.00E+00 | 0.00E+00 | 6.02 | 35.99 | 9.84 | 6.99 | | | |
| 90 | Daycare Y | 672638.0 | 4859664.4 | | | 0.10 | 0.00E+00 | 0.00E+00 | 0.08 | 2.91E-04 | 0.02 | 0.00E+00 | 9.68E-03 | 0.00E+00 | 0.10 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.02E-04 | 0.00E+00 | 0.00E+00 | 5.98 | 35.74 | 9.77 | 6.94 | | | |
| 91 | Daycare Z | 673735.9 | 4858958.0 | | | 0.10 | 0.00E+00 | 0.00E+00 | 0.08 | 2.85E-04 | 0.02 | 0.00E+00 | 9.48E-03 | 0.00E+00 | 0.09 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.00E-04 | 0.00E+00 | 0.00E+00 | 5.85 | 35.01 | 9.57 | 6.80 | | | |
| 92 | Daycare AA | 673121.8 | 4863385.9 | | | 0.20 | 0.00E+00 | 0.00E+00 | 0.15 | 5.47E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.18 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.93E-04 | 0.00E+00 | 0.00E+00 | 11.23 | 67.17 | 18.37 | 13.04 | | | |
| 93 | Daycare BB | 673904.8 | 4862282.2 | | | 0.22 | 0.00E+00 | 0.00E+00 | 0.17 | 6.07E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.20 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.14E-04 | 0.00E+00 | 0.00E+00 | 12.46 | 74.49 | 20.37 | 14.47 | | | |
| 94 | Daycare CC | 671471.6 | 4861795.3 | | | 0.12 | 0.00E+00 | 0.00E+00 | 0.09 | 3.21E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.11 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.13E-04 | 0.00E+00 | 0 | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | 2-methylphthalene | 1-methylphenanthrene | 9-methylphenanthrene | Naphthalene | Perylene | Phenanthrene | Picene | Pyrene | Quinoline | Tetralin | Triphenylene | O-terphenyl | M-terphenyl | P-terphenyl | Volatile Organic Chemicals (VOC) | Acetaldehyde | Acetone | Acrolein | Benzene | Bromodichloromethane | Bromoform | Bromothane | | | | | |
|----------|------------------------|----------|-----------|--|----------------------------------|-------------------|----------------------|----------------------|-------------|----------|--------------|----------|----------|-----------|----------|--------------|-------------|-------------|-------------|----------------------------------|--------------|----------|----------|---------|----------------------|-----------|------------|---|----------|------|----------|----------|
| | | | | | | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | | | | | | | | | | | | | | | | | | | | | 6.22E-08 | | | | 3.63E-03 | 0.02 | 5.93E-03 | 4.21E-03 |
| 111 | Comm. Resp. Services | 676045.4 | 4863902.5 | | | 0.18 | 0.00E+00 | 0.00E+00 | 0.14 | 5.04E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.17 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.77E-04 | 0.00E+00 | 0.00E+00 | 10.35 | 61.90 | 16.93 | 12.02 | | | | | |
| 112 | Hospital | 671712.7 | 4862364.1 | | | 0.13 | 0.00E+00 | 0.00E+00 | 0.10 | 3.52E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.12 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.24E-04 | 0.00E+00 | 0.00E+00 | 7.23 | 43.21 | 11.82 | 8.39 | | | | | |
| 113 | Retirement Residence A | 684199.9 | 4864120.3 | | | 0.31 | 0.00E+00 | 0.00E+00 | 0.24 | 8.49E-04 | 0.05 | 0.00E+00 | 0.03 | 0.00E+00 | 0.28 | 0.00E+00 | 0.05 | 0.00E+00 | 0.00E+00 | | 2.99E-04 | 0.00E+00 | 0.00E+00 | 17.42 | 104.26 | 28.51 | 20.23 | | | | | |
| 114 | Retirement Residence B | 685483.9 | 4865150.9 | | | 0.22 | 0.00E+00 | 0.00E+00 | 0.17 | 6.06E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.20 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.14E-04 | 0.00E+00 | 0.00E+00 | 12.45 | 74.48 | 20.37 | 14.46 | | | | | |
| 115 | Retirement Residence C | 686844.0 | 4864732.1 | | | 0.14 | 0.00E+00 | 0.00E+00 | 0.11 | 3.84E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.13 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.35E-04 | 0.00E+00 | 0.00E+00 | 7.87 | 47.09 | 12.88 | 9.14 | | | | | |
| 116 | Retirement Residence D | 673481.7 | 4863343.4 | | | 0.20 | 0.00E+00 | 0.00E+00 | 0.16 | 5.69E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.19 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.00E-04 | 0.00E+00 | 0.00E+00 | 11.67 | 69.82 | 19.10 | 13.55 | | | | | |
| 117 | Retirement Residence E | 671825.2 | 4864399.0 | | | 0.14 | 0.00E+00 | 0.00E+00 | 0.11 | 3.97E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.13 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.40E-04 | 0.00E+00 | 0.00E+00 | 8.14 | 48.70 | 13.32 | 9.45 | | | | | |
| 118 | Retirement Residence F | 671606.3 | 4864536.0 | | | 0.14 | 0.00E+00 | 0.00E+00 | 0.11 | 3.80E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.13 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.34E-04 | 0.00E+00 | 0.00E+00 | 7.80 | 46.65 | 12.76 | 9.05 | | | | | |
| 119 | Retirement Residence G | 671357.1 | 4862958.7 | | | 0.14 | 0.00E+00 | 0.00E+00 | 0.11 | 4.00E-04 | 0.03 | 0.00E+00 | 0.01 | 0.00E+00 | 0.13 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.41E-04 | 0.00E+00 | 0.00E+00 | 8.22 | 49.15 | 13.44 | 9.55 | | | | | |
| 120 | Retirement Residence H | 671514.0 | 4862262.9 | | | 0.12 | 0.00E+00 | 0.00E+00 | 0.09 | 3.37E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.11 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.19E-04 | 0.00E+00 | 0.00E+00 | 6.93 | 41.43 | 11.33 | 8.05 | | | | | |
| 121 | Retirement Residence I | 672602.2 | 4863075.9 | | | 0.19 | 0.00E+00 | 0.00E+00 | 0.15 | 5.33E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.18 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.88E-04 | 0.00E+00 | 0.00E+00 | 10.95 | 65.46 | 17.90 | 12.71 | | | | | |
| 122 | Retirement Residence J | 671719.1 | 4862893.1 | | | 0.15 | 0.00E+00 | 0.00E+00 | 0.12 | 4.27E-04 | 0.03 | 0.00E+00 | 0.01 | 0.00E+00 | 0.14 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.50E-04 | 0.00E+00 | 0.00E+00 | 8.77 | 52.45 | 14.35 | 10.19 | | | | | |
| 123 | Retirement Residence K | 686718.0 | 4865648.7 | | | 0.17 | 0.00E+00 | 0.00E+00 | 0.13 | 4.68E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.15 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.65E-04 | 0.00E+00 | 0.00E+00 | 9.60 | 57.46 | 15.71 | 11.15 | | | | | |
| 124 | Retirement Residence L | 676168.7 | 4865669.9 | | | 0.14 | 0.00E+00 | 0.00E+00 | 0.11 | 3.88E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.13 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.37E-04 | 0.00E+00 | 0.00E+00 | 7.96 | 47.65 | 13.03 | 9.25 | | | | | |
| 125 | Retirement Residence M | 676118.5 | 4863980.7 | | | 0.19 | 0.00E+00 | 0.00E+00 | 0.14 | 5.15E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.17 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.81E-04 | 0.00E+00 | 0.00E+00 | 10.56 | 63.18 | 17.28 | 12.27 | | | | | |
| 126 | Bow. Subdivision 12 | 684649.2 | 4863182.7 | | | 0.21 | 0.00E+00 | 0.00E+00 | 0.17 | 5.97E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.20 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.10E-04 | 0.00E+00 | 0.00E+00 | 12.25 | 73.27 | 20.04 | 14.22 | | | | | |
| 127 | Primary School B | 685384.8 | 4863575.3 | | | 0.18 | 0.00E+00 | 0.00E+00 | 0.14 | 4.93E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.16 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.74E-04 | 0.00E+00 | 0.00E+00 | 10.13 | 60.58 | 16.57 | 11.76 | | | | | |
| 128 | Primary School C | 685021.6 | 4863952.9 | | | 0.22 | 0.00E+00 | 0.00E+00 | 0.17 | 6.23E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.21 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.19E-04 | 0.00E+00 | 0.00E+00 | 12.79 | 76.49 | 20.92 | 14.85 | | | | | |
| 129 | Primary School D | 686237.0 | 4864085.5 | | | 0.15 | 0.00E+00 | 0.00E+00 | 0.12 | 4.22E-04 | 0.03 | 0.00E+00 | 0.01 | 0.00E+00 | 0.14 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.49E-04 | 0.00E+00 | 0.00E+00 | 8.67 | 51.84 | 14.18 | 10.06 | | | | | |
| 130 | Primary School E | 686719.0 | 4863734.7 | | | 0.12 | 0.00E+00 | 0.00E+00 | 0.10 | 3.43E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.11 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.21E-04 | 0.00E+00 | 0.00E+00 | 7.04 | 42.13 | 11.52 | 8.18 | | | | | |
| 131 | Primary School F | 686357.0 | 4864754.9 | | | 0.16 | 0.00E+00 | 0.00E+00 | 0.13 | 4.47E-04 | 0.03 | 0.00E+00 | 0.01 | 0.00E+00 | 0.15 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.57E-04 | 0.00E+00 | 0.00E+00 | 9.17 | 54.86 | 15.00 | 10.65 | | | | | |
| 132 | Primary School G | 685502.0 | 4865013.4 | | | 0.22 | 0.00E+00 | 0.00E+00 | 0.17 | 6.14E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.20 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.16E-04 | 0.00E+00 | 0.00E+00 | 12.60 | 75.35 | 20.61 | 14.63 | | | | | |
| 133 | Primary School H | 686726.7 | 4866061.5 | | | 0.17 | 0.00E+00 | 0.00E+00 | 0.13 | 4.73E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.16 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.66E-04 | 0.00E+00 | 0.00E+00 | 9.71 | 58.07 | 15.88 | 11.27 | | | | | |
| 134 | Primary School I | 685186.2 | 4866568.2 | | | 0.18 | 0.00E+00 | 0.00E+00 | 0.14 | 5.10E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.17 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.80E-04 | 0.00E+00 | 0.00E+00 | 10.48 | 62.70 | 17.15 | 12.17 | | | | | |
| 135 | Primary School J | 685965.3 | 4866979.0 | | | 0.17 | 0.00E+00 | 0.00E+00 | 0.13 | 4.59E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.15 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.62E-04 | 0.00E+00 | 0.00E+00 | 9.43 | 56.43 | 15.43 | 10.95 | | | | | |
| 136 | Primary School K | 677709.9 | 4864726.5 | | | 0.16 | 0.00E+00 | 0.00E+00 | 0.12 | 4.46E-04 | 0.03 | 0.00E+00 | 0.01 | 0.00E+00 | 0.15 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.57E-04 | 0.00E+00 | 0.00E+00 | 9.16 | 54.77 | 14.98 | 10.64 | | | | | |
| 137 | Primary School L | 675988.3 | 4864270.2 | | | 0.18 | 0.00E+00 | 0.00E+00 | 0.14 | 4.96E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.16 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.75E-04 | 0.00E+00 | 0.00E+00 | 10.19 | 60.95 | 16.67 | 11.83 | | | | | |
| 138 | Primary School M | 676608.7 | 4862739.0 | | | 0.25 | 0.00E+00 | 0.00E+00 | 0.20 | 6.96E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.23 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.45E-04 | 0.00E+00 | 0.00E+00 | 14.30 | 85.53 | 23.39 | 16.60 | | | | | |
| 139 | Primary School N | 677222.2 | 4863759.1 | | | 0.25 | 0.00E+00 | 0.00E+00 | 0.20 | 7.01E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.23 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.47E-04 | 0.00E+00 | 0.00E+00 | 14.40 | 86.14 | 23.56 | 16.72 | | | | | |
| 140 | Primary School O | 678154.9 | 4863872.7 | | | 0.20 | 0.00E+00 | 0.00E+00 | 0.15 | 5.51E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.18 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.94E-04 | 0.00E+00 | 0.00E+00 | 11.30 | 67.58 | 18.48 | 13.13 | | | | | |
| 141 | Court. Subdivision 12 | 678309.6 | 4863600.8 | | | 0.22 | 0.00E+00 | 0.00E+00 | 0.17 | 5.99E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.20 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.11E-04 | 0.00E+00 | 0.00E+00 | 12.30 | 73.57 | 20.12 | 14.29 | | | | | |
| 142 | Primary School Q | 677010.6 | 4862470.6 | | | 0.28 | 0.00E+00 | 0.00E+00 | 0.22 | 7.90E-04 | 0.05 | 0.00E+00 | 0.03 | 0.00E+00 | 0.26 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.78E-04 | 0.00E+00 | 0.00E+00 | 16.22 | 97.07 | 26.55 | 18.84 | | | | | |
| 143 | Primary School R | 677431.3 | 4866694.7 | | | 0.13 | 0.00E+00 | 0.00E+00 | 0.10 | 3.48E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.11 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.22E-04 | 0.00E+00 | 0.00E+00 | 7.14 | 42.69 | 11.68 | 8.29 | | | | | |
| 144 | Primary School S | 675266.2 | 4863562.9 | | | 0.17 | 0.00E+00 | 0.00E+00 | 0.14 | 4.84E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.16 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.70E-04 | 0.00E+00 | 0.00E+00 | 9.93 | 59.40 | 16.25 | 11.53 | | | | | |
| 145 | Primary School T | 673479.2 | 4860029.4 | | | 0.14 | 0.00E+00 | 0.00E+00 | 0.11 | 3.81E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.13 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.34E-04 | 0.00E+00 | 0.00E+00 | 7.83 | 46.82 | 12.80 | 9.09 | | | | | |
| 146 | Primary School U | 670856.0 | 4860710.6 | | | 0.11 | 0.00E+00 | 0.00E+00 | 0.08 | 3.02E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.10 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.06E-04 | 0.00E+00 | 0.00E+00 | 6.21 | 37.14 | 10.16 | 7.21 | | | | | |
| 147 | Primary School V | 672660.2 | 4863909.2 | | | 0.17 | 0.00E+00 | 0.00E+00 | 0.13 | 4.66E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.15 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.64E-04 | 0.00E+00 | 0.00E+00 | 9.57 | 57.26 | 15.66 | 11.11 | | | | | |
| 148 | Primary School W | 672735.2 | 4859232.9 | | | 0.10 | 0.00E+00 | 0.00E+00 | 0.08 | 2.69E-04 | 0.02 | 0.00E+00 | 8.93E-03 | 0.00E+00 | 0.09 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.45E-05 | 0.00E+00 | 0.00E+00 | 5.52 | 32.97 | 9.02 | 6.41 | | | | | |
| 149 | Primary School X | 673575.8 | 4862688.6 | | | 0.22 | 0.00E+00 | 0.00E+00 | 0.17 | 6.15E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.20 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.17E-04 | 0.00E+00 | 0.00E+00 | 12.63 | 75.55 | 20.66 | 14.67 | | | | | |
| 150 | Primary School Y | 673710.3 | 4861969.0 | | | 0.18 | 0.00E+00 | 0.00E+00 | 0.14 | | | | | | | | | | | | | | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | 2-methyl-naphthalene | 1-methyl-naphthalene | 9-methyl-naphthalene | Naphthalene | Perylene | Phenanthrene | Picene | Pyrene | Quinoline | Tetralin | Triphenylene | O-terphenyl | M-terphenyl | P-terphenyl | Volatile Organic Chemicals (VOC) | Acetaldehyde | Acetone | Acrolein | Benzene | Bromodichloromethane | Bromofor m | Bromomethane | | | | | |
|----------|---------------------|----------|-----------|-------------|----------------------------------|----------------------|----------------------|----------------------|-------------|----------|--------------|----------|----------|-----------|----------|--------------|-------------|-------------|-------------|----------------------------------|--------------|----------|----------|---------|----------------------|------------|--------------|---|----------|------|----------|----------|
| | | | | | | V | V | V | V | V | V | V | V | V | V | V | V | V | V | | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | | 6.36E-05 | | | 4.95E-05 | 1.77E-07 | 1.11E-05 | | 5.87E-06 | | 5.83E-05 | | 9.57E-06 | | | | | | | | | 6.22E-08 | | | 3.63E-03 | 0.02 | 5.93E-03 | 4.21E-03 |
| 166 | Primary School OO | 675474.8 | 4863221.7 | | | 0.20 | 0.00E+00 | 0.00E+00 | 0.15 | 5.43E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.18 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.91E-04 | 0.00E+00 | 0.00E+00 | 11.15 | 66.73 | 18.25 | 12.95 | | | | | |
| 167 | Primary School PP | 672441.8 | 4858748.6 | | | 0.08 | 0.00E+00 | 0.00E+00 | 0.07 | 2.33E-04 | 0.01 | 0.00E+00 | 7.75E-03 | 0.00E+00 | 0.08 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 8.20E-05 | 0.00E+00 | 0.00E+00 | 4.78 | 28.61 | 7.83 | 5.56 | | | | | |
| 168 | Primary School QQ | 672796.8 | 4864438.2 | | | 0.14 | 0.00E+00 | 0.00E+00 | 0.11 | 3.82E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.13 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.35E-04 | 0.00E+00 | 0.00E+00 | 7.84 | 46.93 | 12.83 | 9.11 | | | | | |
| 169 | Primary School RR | 671351.4 | 4863284.0 | | | 0.16 | 0.00E+00 | 0.00E+00 | 0.12 | 4.32E-04 | 0.03 | 0.00E+00 | 0.01 | 0.00E+00 | 0.14 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.52E-04 | 0.00E+00 | 0.00E+00 | 8.86 | 53.00 | 14.50 | 10.29 | | | | | |
| 170 | Primary School SS | 673213.9 | 4862125.5 | | | 0.17 | 0.00E+00 | 0.00E+00 | 0.13 | 4.68E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.15 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.65E-04 | 0.00E+00 | 0.00E+00 | 9.61 | 57.45 | 15.71 | 11.16 | | | | | |
| 171 | Primary School TT | 671017.9 | 4860953.7 | | | 0.12 | 0.00E+00 | 0.00E+00 | 0.09 | 3.37E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.11 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.19E-04 | 0.00E+00 | 0.00E+00 | 6.91 | 41.35 | 11.31 | 8.03 | | | | | |
| 172 | Primary School UU | 670991.0 | 4861089.8 | | | 0.13 | 0.00E+00 | 0.00E+00 | 0.10 | 3.47E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.11 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.22E-04 | 0.00E+00 | 0.00E+00 | 7.12 | 42.61 | 11.65 | 8.27 | | | | | |
| 173 | Primary School VV | 674150.1 | 4862294.8 | | | 0.24 | 0.00E+00 | 0.00E+00 | 0.18 | 6.55E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.22 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.30E-04 | 0.00E+00 | 0.00E+00 | 13.44 | 80.35 | 21.97 | 15.61 | | | | | |
| 174 | Primary School WW | 672005.2 | 4861707.9 | | | 0.12 | 0.00E+00 | 0.00E+00 | 0.10 | 3.46E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.11 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.22E-04 | 0.00E+00 | 0.00E+00 | 7.10 | 42.48 | 11.62 | 8.25 | | | | | |
| 175 | Primary School XX | 684172.1 | 4863615.6 | | | 0.32 | 0.00E+00 | 0.00E+00 | 0.25 | 8.92E-04 | 0.06 | 0.00E+00 | 0.03 | 0.00E+00 | 0.29 | 0.00E+00 | 0.05 | 0.00E+00 | 0.00E+00 | | 3.14E-04 | 0.00E+00 | 0.00E+00 | 18.30 | 109.52 | 29.95 | 21.25 | | | | | |
| 176 | Primary School YY | 683923.3 | 4866636.4 | | | 0.19 | 0.00E+00 | 0.00E+00 | 0.14 | 5.14E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.17 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.81E-04 | 0.00E+00 | 0.00E+00 | 10.56 | 63.18 | 17.28 | 12.27 | | | | | |
| 177 | Primary School ZZ | 680446.0 | 4865770.5 | | | 0.16 | 0.00E+00 | 0.00E+00 | 0.12 | 4.44E-04 | 0.03 | 0.00E+00 | 0.01 | 0.00E+00 | 0.15 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.56E-04 | 0.00E+00 | 0.00E+00 | 9.12 | 54.57 | 14.93 | 10.60 | | | | | |
| 178 | Vacant School | 685612.9 | 4864520.0 | | | 0.20 | 0.00E+00 | 0.00E+00 | 0.16 | 5.64E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.19 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.99E-04 | 0.00E+00 | 0.00E+00 | 11.58 | 69.29 | 18.95 | 13.45 | | | | | |
| 179 | Secondary School A | 686291.4 | 4865064.3 | | | 0.18 | 0.00E+00 | 0.00E+00 | 0.14 | 4.94E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.16 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.74E-04 | 0.00E+00 | 0.00E+00 | 10.15 | 60.72 | 16.61 | 11.79 | | | | | |
| 180 | Secondary School B | 683875.0 | 4864741.7 | | | 0.27 | 0.00E+00 | 0.00E+00 | 0.21 | 7.63E-04 | 0.05 | 0.00E+00 | 0.03 | 0.00E+00 | 0.25 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.69E-04 | 0.00E+00 | 0.00E+00 | 15.67 | 93.75 | 25.64 | 18.19 | | | | | |
| 181 | Secondary School C | 684650.3 | 4866460.3 | | | 0.19 | 0.00E+00 | 0.00E+00 | 0.15 | 5.28E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.17 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.86E-04 | 0.00E+00 | 0.00E+00 | 10.84 | 64.84 | 17.73 | 12.59 | | | | | |
| 182 | Secondary School D | 678099.5 | 4864838.2 | | | 0.17 | 0.00E+00 | 0.00E+00 | 0.13 | 4.69E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.15 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.65E-04 | 0.00E+00 | 0.00E+00 | 9.63 | 57.56 | 15.74 | 11.18 | | | | | |
| 183 | Secondary School E | 678467.0 | 4863431.2 | | | 0.23 | 0.00E+00 | 0.00E+00 | 0.18 | 6.44E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.21 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.27E-04 | 0.00E+00 | 0.00E+00 | 13.22 | 79.04 | 21.62 | 15.35 | | | | | |
| 184 | Secondary School F | 674144.9 | 4862762.7 | | | 0.25 | 0.00E+00 | 0.00E+00 | 0.19 | 6.81E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.22 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.40E-04 | 0.00E+00 | 0.00E+00 | 13.98 | 83.60 | 22.86 | 16.23 | | | | | |
| 185 | Secondary School G | 673816.0 | 4864357.1 | | | 0.13 | 0.00E+00 | 0.00E+00 | 0.10 | 3.72E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.12 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.31E-04 | 0.00E+00 | 0.00E+00 | 7.63 | 45.63 | 12.48 | 8.86 | | | | | |
| 186 | Secondary School H | 673145.4 | 4858569.0 | | | 0.09 | 0.00E+00 | 0.00E+00 | 0.07 | 2.58E-04 | 0.02 | 0.00E+00 | 8.57E-03 | 0.00E+00 | 0.09 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.08E-05 | 0.00E+00 | 0.00E+00 | 5.29 | 31.67 | 8.66 | 6.15 | | | | | |
| 187 | Secondary School I | 671291.7 | 4863581.3 | | | 0.16 | 0.00E+00 | 0.00E+00 | 0.12 | 4.39E-04 | 0.03 | 0.00E+00 | 0.01 | 0.00E+00 | 0.14 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.55E-04 | 0.00E+00 | 0.00E+00 | 9.01 | 53.91 | 14.74 | 10.47 | | | | | |
| 188 | Secondary School J | 671443.2 | 4861664.9 | | | 0.12 | 0.00E+00 | 0.00E+00 | 0.09 | 3.32E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.11 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.17E-04 | 0.00E+00 | 0.00E+00 | 6.82 | 40.78 | 11.15 | 7.92 | | | | | |
| 189 | Secondary School K | 673235.3 | 4860885.0 | | | 0.17 | 0.00E+00 | 0.00E+00 | 0.13 | 4.70E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.16 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.65E-04 | 0.00E+00 | 0.00E+00 | 9.65 | 57.72 | 15.79 | 11.21 | | | | | |
| 190 | Secondary School L | 684252.7 | 4866500.5 | | | 0.19 | 0.00E+00 | 0.00E+00 | 0.14 | 5.16E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.17 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.82E-04 | 0.00E+00 | 0.00E+00 | 10.59 | 63.34 | 17.32 | 12.30 | | | | | |
| 191 | Secondary School M | 673914.1 | 4859551.7 | | | 0.12 | 0.00E+00 | 0.00E+00 | 0.10 | 3.41E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.11 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.20E-04 | 0.00E+00 | 0.00E+00 | 7.00 | 41.83 | 11.44 | 8.13 | | | | | |
| 192 | Secondary School N | 675051.5 | 4864177.2 | | | 0.14 | 0.00E+00 | 0.00E+00 | 0.11 | 3.91E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.13 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.38E-04 | 0.00E+00 | 0.00E+00 | 8.03 | 48.02 | 13.13 | 9.32 | | | | | |
| 193 | Adult School | 685276.1 | 4866019.8 | | | 0.20 | 0.00E+00 | 0.00E+00 | 0.16 | 5.54E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.18 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.95E-04 | 0.00E+00 | 0.00E+00 | 11.37 | 68.01 | 18.60 | 13.20 | | | | | |
| 194 | Bow. Valley Cons. 1 | 685356.6 | 4864521.2 | | | 0.22 | 0.00E+00 | 0.00E+00 | 0.17 | 6.16E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.20 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.17E-04 | 0.00E+00 | 0.00E+00 | 12.65 | 75.66 | 20.69 | 14.69 | | | | | |
| 195 | Bow. Valley Cons. 2 | 685627.7 | 4864167.8 | | | 0.18 | 0.00E+00 | 0.00E+00 | 0.14 | 4.99E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.16 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.76E-04 | 0.00E+00 | 0.00E+00 | 10.25 | 61.30 | 16.76 | 11.90 | | | | | |
| 196 | Bow. Valley Cons. 4 | 685852.7 | 4863640.2 | | | 0.16 | 0.00E+00 | 0.00E+00 | 0.12 | 4.35E-04 | 0.03 | 0.00E+00 | 0.01 | 0.00E+00 | 0.14 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.53E-04 | 0.00E+00 | 0.00E+00 | 8.93 | 53.43 | 14.61 | 10.37 | | | | | |
| 197 | Bow. Valley Cons. 5 | 686163.1 | 4863621.5 | | | 0.14 | 0.00E+00 | 0.00E+00 | 0.11 | 3.80E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.13 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.34E-04 | 0.00E+00 | 0.00E+00 | 7.81 | 46.72 | 12.78 | 9.07 | | | | | |
| 198 | Bow. Valley Cons. 6 | 685931.9 | 4863380.6 | | | 0.14 | 0.00E+00 | 0.00E+00 | 0.11 | 3.92E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.13 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.38E-04 | 0.00E+00 | 0.00E+00 | 8.05 | 48.16 | 13.17 | 9.35 | | | | | |
| 199 | Maple Grove 1 | 681688.5 | 4864717.0 | | | 0.23 | 0.00E+00 | 0.00E+00 | 0.18 | 6.37E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.21 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.24E-04 | 0.00E+00 | 0.00E+00 | 13.07 | 78.22 | 21.39 | 15.18 | | | | | |
| 200 | Maple Grove 2 | 681768.9 | 4864631.8 | | | 0.23 | 0.00E+00 | 0.00E+00 | 0.18 | 6.48E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.21 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.28E-04 | 0.00E+00 | 0.00E+00 | 13.31 | 79.64 | 21.78 | 15.46 | | | | | |
| 201 | Maple Grove 3 | 681894.9 | 4864506.8 | | | 0.24 | 0.00E+00 | 0.00E+00 | 0.19 | 6.63E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.22 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.33E-04 | 0.00E+00 | 0.00E+00 | 13.61 | 81.39 | 22.26 | 15.80 | | | | | |
| 202 | Maple Grove 4 | 681974.8 | 4864443.2 | | | 0.25 | 0.00E+00 | 0.00E+00 | 0.19 | 6.81E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.22 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.40E-04 | 0.00E+00 | 0.00E+00 | 13.98 | 83.60 | 22.86 | 16.23 | | | | | |
| 203 | Maple Grove 5 | 681942.2 | 4864676.7 | | | 0.23 | 0.00E+00 | 0.00E+00 | 0.18 | 6.40E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.21 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.25E-04 | 0.00E+00 | 0.00E+00 | 13.13 | 78.54 | 21.48 | 15.25 | | | | | |
| 204 | Maple Grove 6 | 682053.2 | 4864586.2 | | | 0.24 | 0.00E+00 | 0.00E+00 | 0.19 | 6.63E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.22 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.33E-04 | 0.00E+00 | 0.00E+00 | 13.60 | 81.36 | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | 2-methylphthalene | 1-methylphenanthrene | 9-methylphenanthrene | Naphthalene | Perylene | Phenanthrene | Picene | Pyrene | Quinoline | Tetralin | Triphenylene | O-terphenyl | M-terphenyl | P-terphenyl | Volatiles Organic Chemicals (VOC) | Acetaldehyde | Acetone | Acrolein | Benzene | Bromodichloromethane | Bromoform | Bromomethane | | | | | |
|----------|----------------|----------|-----------|-------------|----------------------------------|-------------------|----------------------|--|-------------|----------|--------------|----------|----------|-----------|----------|--------------|-------------|-------------|-------------|-----------------------------------|--------------|----------|----------|---------|----------------------|-----------|--------------|---|----------|------|----------|----------|
| | | | | | | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | 6.36E-05 | | | 4.95E-05 | 1.77E-07 | 1.11E-05 | | | 5.87E-06 | | 5.83E-05 | | 9.57E-06 | | | | 6.22E-08 | | | | 3.63E-03 | 0.02 | 5.93E-03 | 4.21E-03 |
| 221 | Campground 2 | 678410.2 | 4860148.6 | | | 0.40 | 0.00E+00 | 0.00E+00 | 0.31 | 1.12E-03 | 0.07 | 0.00E+00 | 0.04 | 0.00E+00 | 0.37 | 0.00E+00 | 0.06 | 0.00E+00 | 0.00E+00 | | 3.92E-04 | 0.00E+00 | 0.00E+00 | 22.89 | 136.86 | 37.43 | 26.58 | | | | | |
| 222 | Campground 3 | 678651.0 | 4860054.4 | | | 0.39 | 0.00E+00 | 0.00E+00 | 0.30 | 1.08E-03 | 0.07 | 0.00E+00 | 0.04 | 0.00E+00 | 0.36 | 0.00E+00 | 0.06 | 0.00E+00 | 0.00E+00 | | 3.80E-04 | 0.00E+00 | 0.00E+00 | 22.16 | 132.48 | 36.23 | 25.73 | | | | | |
| 223 | Campground 4 | 678725.9 | 4859860.7 | | | 0.42 | 0.00E+00 | 0.00E+00 | 0.33 | 1.16E-03 | 0.07 | 0.00E+00 | 0.04 | 0.00E+00 | 0.38 | 0.00E+00 | 0.06 | 0.00E+00 | 0.00E+00 | | 4.09E-04 | 0.00E+00 | 0.00E+00 | 23.83 | 142.53 | 38.98 | 27.67 | | | | | |
| 224 | Campground 5 | 678511.1 | 4859808.6 | | | 0.36 | 0.00E+00 | 0.00E+00 | 0.28 | 9.95E-04 | 0.06 | 0.00E+00 | 0.03 | 0.00E+00 | 0.33 | 0.00E+00 | 0.05 | 0.00E+00 | 0.00E+00 | | 3.50E-04 | 0.00E+00 | 0.00E+00 | 20.42 | 122.13 | 33.40 | 23.71 | | | | | |
| 225 | Campground 6 | 678869.5 | 4859696.0 | | | 0.69 | 0.00E+00 | 0.00E+00 | 0.54 | 1.91E-03 | 0.12 | 0.00E+00 | 0.06 | 0.00E+00 | 0.63 | 0.00E+00 | 0.10 | 0.00E+00 | 0.00E+00 | | 6.73E-04 | 0.00E+00 | 0.00E+00 | 39.27 | 234.94 | 64.25 | 45.60 | | | | | |
| 226 | Campground 7 | 678723.9 | 4860201.8 | | | 0.48 | 0.00E+00 | 0.00E+00 | 0.38 | 1.34E-03 | 0.08 | 0.00E+00 | 0.04 | 0.00E+00 | 0.44 | 0.00E+00 | 0.07 | 0.00E+00 | 0.00E+00 | | 4.73E-04 | 0.00E+00 | 0.00E+00 | 27.60 | 164.98 | 45.12 | 32.04 | | | | | |
| 227 | Campground 8 | 678796.0 | 4860011.4 | | | 0.42 | 0.00E+00 | 0.00E+00 | 0.33 | 1.16E-03 | 0.07 | 0.00E+00 | 0.04 | 0.00E+00 | 0.38 | 0.00E+00 | 0.06 | 0.00E+00 | 0.00E+00 | | 4.09E-04 | 0.00E+00 | 0.00E+00 | 23.88 | 142.81 | 39.06 | 27.73 | | | | | |
| 228 | Campground 9 | 678852.7 | 4859854.2 | | | 0.48 | 0.00E+00 | 0.00E+00 | 0.37 | 1.34E-03 | 0.08 | 0.00E+00 | 0.04 | 0.00E+00 | 0.44 | 0.00E+00 | 0.07 | 0.00E+00 | 0.00E+00 | | 4.71E-04 | 0.00E+00 | 0.00E+00 | 27.47 | 164.31 | 44.94 | 31.89 | | | | | |
| 229 | Solina 1 | 681099.6 | 4861677.2 | | | 0.89 | 0.00E+00 | 0.00E+00 | 0.69 | 2.47E-03 | 0.15 | 0.00E+00 | 0.08 | 0.00E+00 | 0.81 | 0.00E+00 | 0.13 | 0.00E+00 | 0.00E+00 | | 8.68E-04 | 0.00E+00 | 0.00E+00 | 50.62 | 302.79 | 82.81 | 58.78 | | | | | |
| 230 | Solina 2 | 681115.7 | 4861857.7 | | | 0.77 | 0.00E+00 | 0.00E+00 | 0.60 | 2.13E-03 | 0.13 | 0.00E+00 | 0.07 | 0.00E+00 | 0.70 | 0.00E+00 | 0.12 | 0.00E+00 | 0.00E+00 | | 7.50E-04 | 0.00E+00 | 0.00E+00 | 43.73 | 261.49 | 71.51 | 50.77 | | | | | |
| 231 | Solina 3 | 680987.4 | 4861983.5 | | | 0.61 | 0.00E+00 | 0.00E+00 | 0.47 | 1.69E-03 | 0.11 | 0.00E+00 | 0.06 | 0.00E+00 | 0.56 | 0.00E+00 | 0.09 | 0.00E+00 | 0.00E+00 | | 5.96E-04 | 0.00E+00 | 0.00E+00 | 34.78 | 208.02 | 56.89 | 40.38 | | | | | |
| 232 | Solina 4 | 680965.0 | 4862068.1 | | | 0.57 | 0.00E+00 | 0.00E+00 | 0.45 | 1.59E-03 | 0.10 | 0.00E+00 | 0.05 | 0.00E+00 | 0.53 | 0.00E+00 | 0.09 | 0.00E+00 | 0.00E+00 | | 5.61E-04 | 0.00E+00 | 0.00E+00 | 32.71 | 195.67 | 53.51 | 37.98 | | | | | |
| 233 | Solina 5 | 681021.5 | 4862086.7 | | | 0.57 | 0.00E+00 | 0.00E+00 | 0.44 | 1.59E-03 | 0.10 | 0.00E+00 | 0.05 | 0.00E+00 | 0.52 | 0.00E+00 | 0.09 | 0.00E+00 | 0.00E+00 | | 5.59E-04 | 0.00E+00 | 0.00E+00 | 32.60 | 195.01 | 53.33 | 37.86 | | | | | |
| 234 | Solina 6 | 680939.8 | 4862124.3 | | | 0.56 | 0.00E+00 | 0.00E+00 | 0.44 | 1.55E-03 | 0.10 | 0.00E+00 | 0.05 | 0.00E+00 | 0.51 | 0.00E+00 | 0.08 | 0.00E+00 | 0.00E+00 | | 5.47E-04 | 0.00E+00 | 0.00E+00 | 31.89 | 190.77 | 52.17 | 37.03 | | | | | |
| 235 | Solina 7 | 680988.2 | 4862183.6 | | | 0.54 | 0.00E+00 | 0.00E+00 | 0.42 | 1.50E-03 | 0.09 | 0.00E+00 | 0.05 | 0.00E+00 | 0.50 | 0.00E+00 | 0.08 | 0.00E+00 | 0.00E+00 | | 5.28E-04 | 0.00E+00 | 0.00E+00 | 30.80 | 184.26 | 50.39 | 35.77 | | | | | |
| 236 | Solina 8 | 680984.6 | 4862209.8 | | | 0.53 | 0.00E+00 | 0.00E+00 | 0.41 | 1.48E-03 | 0.09 | 0.00E+00 | 0.05 | 0.00E+00 | 0.49 | 0.00E+00 | 0.08 | 0.00E+00 | 0.00E+00 | | 5.21E-04 | 0.00E+00 | 0.00E+00 | 30.39 | 181.80 | 49.72 | 35.29 | | | | | |
| 237 | Solina 9 | 680958.6 | 4862294.9 | | | 0.52 | 0.00E+00 | 0.00E+00 | 0.40 | 1.43E-03 | 0.09 | 0.00E+00 | 0.05 | 0.00E+00 | 0.47 | 0.00E+00 | 0.08 | 0.00E+00 | 0.00E+00 | | 5.05E-04 | 0.00E+00 | 0.00E+00 | 29.45 | 176.20 | 48.19 | 34.20 | | | | | |
| 238 | Solina 10 | 680858.0 | 4862324.3 | | | 0.52 | 0.00E+00 | 0.00E+00 | 0.40 | 1.44E-03 | 0.09 | 0.00E+00 | 0.05 | 0.00E+00 | 0.47 | 0.00E+00 | 0.08 | 0.00E+00 | 0.00E+00 | | 5.06E-04 | 0.00E+00 | 0.00E+00 | 29.50 | 176.53 | 48.28 | 34.26 | | | | | |
| 239 | Solina 11 | 680990.3 | 4862403.5 | | | 0.49 | 0.00E+00 | 0.00E+00 | 0.38 | 1.36E-03 | 0.09 | 0.00E+00 | 0.05 | 0.00E+00 | 0.45 | 0.00E+00 | 0.07 | 0.00E+00 | 0.00E+00 | | 4.80E-04 | 0.00E+00 | 0.00E+00 | 27.96 | 167.29 | 45.75 | 32.47 | | | | | |
| 240 | Recreational 1 | 681545.0 | 4860865.0 | | | 0.72 | 0.00E+00 | 0.00E+00 | 0.56 | 2.01E-03 | 0.13 | 0.00E+00 | 0.07 | 0.00E+00 | 0.66 | 0.00E+00 | 0.11 | 0.00E+00 | 0.00E+00 | | 7.08E-04 | 0.00E+00 | 0.00E+00 | 41.29 | 247.11 | 67.58 | 47.95 | | | | | |
| 241 | Recreational 2 | 681563.7 | 4860687.4 | | | 0.68 | 0.00E+00 | 0.00E+00 | 0.53 | 1.89E-03 | 0.12 | 0.00E+00 | 0.06 | 0.00E+00 | 0.62 | 0.00E+00 | 0.10 | 0.00E+00 | 0.00E+00 | | 6.65E-04 | 0.00E+00 | 0.00E+00 | 38.75 | 231.84 | 63.41 | 44.99 | | | | | |
| 242 | Recreational 3 | 681579.7 | 4860610.0 | | | 0.63 | 0.00E+00 | 0.00E+00 | 0.49 | 1.74E-03 | 0.11 | 0.00E+00 | 0.06 | 0.00E+00 | 0.57 | 0.00E+00 | 0.09 | 0.00E+00 | 0.00E+00 | | 6.11E-04 | 0.00E+00 | 0.00E+00 | 35.64 | 213.23 | 58.32 | 41.39 | | | | | |
| 243 | Recreational 6 | 681876.6 | 4860254.4 | | | 0.50 | 0.00E+00 | 0.00E+00 | 0.39 | 1.39E-03 | 0.09 | 0.00E+00 | 0.05 | 0.00E+00 | 0.46 | 0.00E+00 | 0.08 | 0.00E+00 | 0.00E+00 | | 4.91E-04 | 0.00E+00 | 0.00E+00 | 28.62 | 171.23 | 46.83 | 33.23 | | | | | |
| 244 | Recreational 7 | 682166.9 | 4860324.4 | | | 0.41 | 0.00E+00 | 0.00E+00 | 0.32 | 1.15E-03 | 0.07 | 0.00E+00 | 0.04 | 0.00E+00 | 0.38 | 0.00E+00 | 0.06 | 0.00E+00 | 0.00E+00 | | 4.04E-04 | 0.00E+00 | 0.00E+00 | 23.56 | 140.94 | 38.55 | 27.35 | | | | | |
| 245 | Darlington 1 | 679565.4 | 4861052.9 | | | 0.97 | 0.00E+00 | 0.00E+00 | 0.75 | 2.69E-03 | 0.17 | 0.00E+00 | 0.09 | 0.00E+00 | 0.89 | 0.00E+00 | 0.15 | 0.00E+00 | 0.00E+00 | | 9.49E-04 | 0.00E+00 | 0.00E+00 | 55.31 | 330.94 | 90.51 | 64.23 | | | | | |
| 246 | Darlington 2 | 679452.9 | 4861051.4 | | | 0.96 | 0.00E+00 | 0.00E+00 | 0.75 | 2.67E-03 | 0.17 | 0.00E+00 | 0.09 | 0.00E+00 | 0.88 | 0.00E+00 | 0.14 | 0.00E+00 | 0.00E+00 | | 9.39E-04 | 0.00E+00 | 0.00E+00 | 54.75 | 327.57 | 89.59 | 63.57 | | | | | |
| 247 | Darlington 3 | 679130.5 | 4860948.8 | | | 1.17 | 0.00E+00 | 0.00E+00 | 0.91 | 3.25E-03 | 0.20 | 0.00E+00 | 0.11 | 0.00E+00 | 1.07 | 0.00E+00 | 0.18 | 0.00E+00 | 0.00E+00 | | 1.14E-03 | 0.00E+00 | 0.00E+00 | 66.63 | 398.63 | 109.02 | 77.37 | | | | | |
| 248 | Darlington 4 | 679112.6 | 4860941.9 | | | 1.18 | 0.00E+00 | 0.00E+00 | 0.91 | 3.27E-03 | 0.20 | 0.00E+00 | 0.11 | 0.00E+00 | 1.08 | 0.00E+00 | 0.18 | 0.00E+00 | 0.00E+00 | | 1.15E-03 | 0.00E+00 | 0.00E+00 | 67.05 | 401.15 | 109.71 | 77.86 | | | | | |
| 249 | Darlington 5 | 679057.6 | 4860994.1 | | | 1.10 | 0.00E+00 | 0.00E+00 | 0.85 | 3.05E-03 | 0.19 | 0.00E+00 | 0.10 | 0.00E+00 | 1.01 | 0.00E+00 | 0.17 | 0.00E+00 | 0.00E+00 | | 1.07E-03 | 0.00E+00 | 0.00E+00 | 62.56 | 374.27 | 102.36 | 72.64 | | | | | |
| 250 | Darlington 6 | 679075.2 | 4860931.6 | | | 1.17 | 0.00E+00 | 0.00E+00 | 0.91 | 3.25E-03 | 0.20 | 0.00E+00 | 0.11 | 0.00E+00 | 1.07 | 0.00E+00 | 0.18 | 0.00E+00 | 0.00E+00 | | 1.14E-03 | 0.00E+00 | 0.00E+00 | 66.77 | 399.38 | 109.23 | 77.53 | | | | | |
| 251 | Darlington 7 | 678814.3 | 4860843.1 | | | 0.85 | 0.00E+00 | 0.00E+00 | 0.66 | 2.36E-03 | 0.15 | 0.00E+00 | 0.08 | 0.00E+00 | 0.78 | 0.00E+00 | 0.13 | 0.00E+00 | 0.00E+00 | | 8.30E-04 | 0.00E+00 | 0.00E+00 | 48.44 | 289.61 | 79.21 | 56.25 | | | | | |
| 252 | Darlington 8 | 678840.4 | 4860777.1 | | | 0.86 | 0.00E+00 | 0.00E+00 | 0.67 | 2.38E-03 | 0.15 | 0.00E+00 | 0.08 | 0.00E+00 | 0.78 | 0.00E+00 | 0.13 | 0.00E+00 | 0.00E+00 | | 8.36E-04 | 0.00E+00 | 0.00E+00 | 48.79 | 291.77 | 79.80 | 56.65 | | | | | |
| 253 | Light Ind. 1 | 680000.1 | 4861034.1 | | | 1.05 | 0.00E+00 | 0.00E+00 | 0.82 | 2.91E-03 | 0.18 | 0.00E+00 | 0.10 | 0.00E+00 | 0.96 | 0.00E+00 | 0.16 | 0.00E+00 | 0.00E+00 | | 1.03E-03 | 0.00E+00 | 0.00E+00 | 59.84 | 357.77 | 97.85 | 69.48 | | | | | |
| 254 | Light Ind. 2 | 680060.7 | 4861056.4 | | | 1.07 | 0.00E+00 | 0.00E+00 | 0.83 | 2.96E-03 | 0.19 | 0.00E+00 | 0.10 | 0.00E+00 | 0.98 | 0.00E+00 | 0.16 | 0.00E+00 | 0.00E+00 | | 1.04E-03 | 0.00E+00 | 0.00E+00 | 60.87 | 363.98 | 99.55 | 70.68 | | | | | |
| 255 | Light Ind. 3 | 680291.2 | 4861151.6 | | | 1.50 | 0.00E+00 | 0.00E+00 | 1.17 | 4.17E-03 | 0.26 | 0.00E+00 | 0.14 | 0.00E+00 | 1.38 | 0.00E+00 | 0.23 | 0.00E+00 | 0.00E+00 | | 1.47E-03 | 0.00E+00 | 0.00E+00 | 85.67 | 512.52 | 140.17 | 99.48 | | | | | |
| 256 | Light Ind. 4 | 680536.3 | 4861204.6 | | | 1.05 | 0.00E+00 | 0.00E+00 | 0.82 | 2.92E-03 | 0.18 | 0.00E+00 | 0.10 | 0.00E+00 | 0.97 | 0.00E+00 | 0.16 | 0.00E+00 | 0.00E+00 | | 1.03E-03 | 0.00E+00 | 0.00E+00 | 60.05 | 359.31 | 98.27 | 69.73 | | | | | |
| 257 | Light Ind. 5 | 680350.4 | 4861290.6 | | | 1.17 | 0.00E+00 | 0.00E+00 | 0.91 | 3.24E-03 | 0.20 | 0.00E+00 | 0.11 | 0.00E+00 | 1.07 | 0.00E+00 | 0.18 | 0.00E+00 | 0.00E+00 | | 1.14E-03 | 0.00E+00 | 0.00E+00 | 66.52 | 398.23 | 108.91 | 77.25 | | | | | |
| 258 | Light Ind. 6 | 680306.9 | 4861275.6 | | | 1.28 | 0.00E+00 | 0.00E+00 | 0.99 | 3.55E-03 | 0.22 | 0.00E+00 | 0.12 | 0.00E+00 | 1.17 | 0.00E+00 | 0.19 | 0.00E+00 | 0.00E+00 | | 1.25E-03 | 0.00E+00 | 0.00E+00 | 72.89 | 436.27 | 119.32 | 84.64 | | | | | |
| 259 | Light Ind. 7 | 680267.2 | 4861262.4 | | | 1.36 | 0.00E+00 | 0.00E+00 | 1.06 | 3.77E-03 | 0.24 | 0.00E+00 | 0.13 | 0.00E+00 | 1.24 | 0.00E+ | | | | | | | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | 2-methylnaphthalene | 1-methylphenanthrene | 9-methylphenanthrene | Naphthalene | Perylene | Phenanthrene | Picene | Pyrene | Quinoline | Tetralin | Triphenylene | O-terphenyl | M-terphenyl | P-terphenyl | Volatile Organic Chemicals (VOC) | Acetaldehyde | Acetone | Acrolein | Benzene | Bromodichloromethane | Bromoform | Bromothane |
|----------|----------------------------|----------|-----------|--|----------------------------------|---------------------|----------------------|----------------------|-------------|----------|--------------|----------|----------|-----------|----------|--------------|-------------|-------------|-------------|----------------------------------|--------------|----------|----------|----------|----------------------|-----------|------------|
| | | | | | | V | V | V | V | V | V | V | V | V | V | V | V | V | V | | V | V | V | V | V | V | V |
| | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | | 6.36E-05 | | | 4.95E-05 | 1.77E-07 | 1.11E-05 | | 5.87E-06 | | 5.83E-05 | | 9.57E-06 | | | | 6.22E-08 | | | 3.63E-03 | 0.02 | 5.93E-03 | 4.21E-03 |
| 276 | Farmer | 679277.0 | 4859981.5 | | | 0.68 | 0.00E+00 | 0.00E+00 | 0.53 | 1.88E-03 | 0.12 | 0.00E+00 | 0.06 | 0.00E+00 | 0.62 | 0.00E+00 | 0.10 | 0.00E+00 | 0.00E+00 | | 6.64E-04 | 0.00E+00 | 0.00E+00 | 38.70 | 231.51 | 63.31 | 44.93 |
| 277 | Residence | 679387.2 | 4860648.9 | | | 1.30 | 0.00E+00 | 0.00E+00 | 1.01 | 3.60E-03 | 0.23 | 0.00E+00 | 0.12 | 0.00E+00 | 1.19 | 0.00E+00 | 0.19 | 0.00E+00 | 0.00E+00 | | 1.27E-03 | 0.00E+00 | 0.00E+00 | 73.83 | 441.38 | 120.71 | 85.73 |
| 278 | Barn | 679261.9 | 4860574.2 | | | 1.08 | 0.00E+00 | 0.00E+00 | 0.84 | 3.00E-03 | 0.19 | 0.00E+00 | 0.10 | 0.00E+00 | 0.99 | 0.00E+00 | 0.16 | 0.00E+00 | 0.00E+00 | | 1.06E-03 | 0.00E+00 | 0.00E+00 | 61.62 | 368.36 | 100.74 | 71.55 |
| 279 | Residence | 680150.7 | 4861295.7 | | | 1.18 | 0.00E+00 | 0.00E+00 | 0.92 | 3.29E-03 | 0.21 | 0.00E+00 | 0.11 | 0.00E+00 | 1.09 | 0.00E+00 | 0.18 | 0.00E+00 | 0.00E+00 | | 1.16E-03 | 0.00E+00 | 0.00E+00 | 67.49 | 403.50 | 110.35 | 78.37 |
| 280 | Residence | 679939.8 | 4861213.4 | | | 0.87 | 0.00E+00 | 0.00E+00 | 0.67 | 2.41E-03 | 0.15 | 0.00E+00 | 0.08 | 0.00E+00 | 0.80 | 0.00E+00 | 0.13 | 0.00E+00 | 0.00E+00 | | 8.48E-04 | 0.00E+00 | 0.00E+00 | 49.46 | 295.73 | 80.88 | 57.43 |
| 281 | Farmer | 680855.7 | 4861456.9 | | | 0.88 | 0.00E+00 | 0.00E+00 | 0.68 | 2.44E-03 | 0.15 | 0.00E+00 | 0.08 | 0.00E+00 | 0.81 | 0.00E+00 | 0.13 | 0.00E+00 | 0.00E+00 | | 8.59E-04 | 0.00E+00 | 0.00E+00 | 50.11 | 299.71 | 81.97 | 58.19 |
| 282 | Farmer | 681386.2 | 4861673.3 | | | 0.92 | 0.00E+00 | 0.00E+00 | 0.71 | 2.55E-03 | 0.16 | 0.00E+00 | 0.08 | 0.00E+00 | 0.84 | 0.00E+00 | 0.14 | 0.00E+00 | 0.00E+00 | | 8.98E-04 | 0.00E+00 | 0.00E+00 | 52.39 | 313.39 | 85.71 | 60.83 |
| 283 | Residence | 680683.5 | 4861597.9 | | | 0.74 | 0.00E+00 | 0.00E+00 | 0.58 | 2.06E-03 | 0.13 | 0.00E+00 | 0.07 | 0.00E+00 | 0.68 | 0.00E+00 | 0.11 | 0.00E+00 | 0.00E+00 | | 7.25E-04 | 0.00E+00 | 0.00E+00 | 42.26 | 252.83 | 69.15 | 49.07 |
| 284 | Business | 680064.3 | 4861343.7 | | | 0.96 | 0.00E+00 | 0.00E+00 | 0.74 | 2.66E-03 | 0.17 | 0.00E+00 | 0.09 | 0.00E+00 | 0.88 | 0.00E+00 | 0.14 | 0.00E+00 | 0.00E+00 | | 9.34E-04 | 0.00E+00 | 0.00E+00 | 54.51 | 325.84 | 89.11 | 63.30 |
| 285 | Farmer | 679680.1 | 4861213.5 | | | 0.95 | 0.00E+00 | 0.00E+00 | 0.74 | 2.63E-03 | 0.16 | 0.00E+00 | 0.09 | 0.00E+00 | 0.87 | 0.00E+00 | 0.14 | 0.00E+00 | 0.00E+00 | | 9.27E-04 | 0.00E+00 | 0.00E+00 | 54.03 | 323.42 | 88.45 | 62.74 |
| 286 | Farmer | 681344.8 | 4861792.9 | | | 0.82 | 0.00E+00 | 0.00E+00 | 0.63 | 2.26E-03 | 0.14 | 0.00E+00 | 0.08 | 0.00E+00 | 0.75 | 0.00E+00 | 0.12 | 0.00E+00 | 0.00E+00 | | 7.96E-04 | 0.00E+00 | 0.00E+00 | 46.45 | 277.85 | 75.99 | 53.94 |
| 287 | Youth Centre | 685644.2 | 4864814.8 | | | 0.21 | 0.00E+00 | 0.00E+00 | 0.16 | 5.88E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.19 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.07E-04 | 0.00E+00 | 0.00E+00 | 12.08 | 72.27 | 19.77 | 14.03 |
| 288 | Bowmanville Arena | 685462.9 | 4864615.2 | | | 0.22 | 0.00E+00 | 0.00E+00 | 0.17 | 6.10E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.20 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.15E-04 | 0.00E+00 | 0.00E+00 | 12.51 | 74.86 | 20.47 | 14.53 |
| 289 | Bowmanville Rec Complex | 684160.3 | 4864604.5 | | | 0.28 | 0.00E+00 | 0.00E+00 | 0.22 | 7.69E-04 | 0.05 | 0.00E+00 | 0.03 | 0.00E+00 | 0.25 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.71E-04 | 0.00E+00 | 0.00E+00 | 15.79 | 94.49 | 25.84 | 18.34 |
| 290 | Recreation Complex | 684586.6 | 4862406.3 | | | 0.19 | 0.00E+00 | 0.00E+00 | 0.15 | 5.36E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.18 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.89E-04 | 0.00E+00 | 0.00E+00 | 11.01 | 65.84 | 18.01 | 12.78 |
| 291 | Superdog Central | 681487.7 | 4865723.3 | | | 0.18 | 0.00E+00 | 0.00E+00 | 0.14 | 4.89E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.16 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.72E-04 | 0.00E+00 | 0.00E+00 | 10.04 | 60.05 | 16.42 | 11.66 |
| 292 | Equestrian Centre | 681567.1 | 4863670.7 | | | 0.30 | 0.00E+00 | 0.00E+00 | 0.23 | 8.21E-04 | 0.05 | 0.00E+00 | 0.03 | 0.00E+00 | 0.27 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.89E-04 | 0.00E+00 | 0.00E+00 | 16.85 | 100.79 | 27.56 | 19.56 |
| 293 | Flea Market | 678574.6 | 4862819.4 | | | 0.27 | 0.00E+00 | 0.00E+00 | 0.21 | 7.63E-04 | 0.05 | 0.00E+00 | 0.03 | 0.00E+00 | 0.25 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.68E-04 | 0.00E+00 | 0.00E+00 | 15.66 | 93.61 | 25.60 | 18.18 |
| 294 | Equestrian Centre | 680030.8 | 4867320.2 | | | 0.12 | 0.00E+00 | 0.00E+00 | 0.09 | 3.26E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.11 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.15E-04 | 0.00E+00 | 0.00E+00 | 6.69 | 40.04 | 10.95 | 7.77 |
| 295 | Courtice Community Complex | 678099.3 | 4864629.8 | | | 0.17 | 0.00E+00 | 0.00E+00 | 0.13 | 4.78E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.16 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.68E-04 | 0.00E+00 | 0.00E+00 | 9.81 | 58.66 | 16.04 | 11.39 |
| 296 | Former Restaurant | 679830.2 | 4860702.2 | | | 2.05 | 0.00E+00 | 0.00E+00 | 1.59 | 5.69E-03 | 0.36 | 0.00E+00 | 0.19 | 0.00E+00 | 1.88 | 0.00E+00 | 0.31 | 0.00E+00 | 0.00E+00 | | 2.01E-03 | 0.00E+00 | 0.00E+00 | 116.87 | 699.45 | 191.29 | 135.71 |
| 297 | Commercial | 679364.8 | 4861016.0 | | | 1.03 | 0.00E+00 | 0.00E+00 | 0.80 | 2.85E-03 | 0.18 | 0.00E+00 | 0.09 | 0.00E+00 | 0.94 | 0.00E+00 | 0.15 | 0.00E+00 | 0.00E+00 | | 1.00E-03 | 0.00E+00 | 0.00E+00 | 58.53 | 350.25 | 95.79 | 67.97 |
| 298 | GM Oshawa Headquarters | 676418.3 | 4860463.7 | | | 0.28 | 0.00E+00 | 0.00E+00 | 0.22 | 7.82E-04 | 0.05 | 0.00E+00 | 0.03 | 0.00E+00 | 0.26 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.75E-04 | 0.00E+00 | 0.00E+00 | 16.05 | 96.00 | 26.26 | 18.64 |
| 299 | Farm A? | 682972.3 | 4862201.9 | | | 0.40 | 0.00E+00 | 0.00E+00 | 0.31 | 1.10E-03 | 0.07 | 0.00E+00 | 0.04 | 0.00E+00 | 0.36 | 0.00E+00 | 0.06 | 0.00E+00 | 0.00E+00 | | 3.88E-04 | 0.00E+00 | 0.00E+00 | 22.62 | 135.31 | 37.01 | 26.26 |
| 300 | Farm B? | 683546.9 | 4861959.7 | | | 0.27 | 0.00E+00 | 0.00E+00 | 0.21 | 7.37E-04 | 0.05 | 0.00E+00 | 0.02 | 0.00E+00 | 0.24 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.60E-04 | 0.00E+00 | 0.00E+00 | 15.14 | 90.53 | 24.76 | 17.58 |
| 301 | Farm C? | 682547.5 | 4862321.1 | | | 0.57 | 0.00E+00 | 0.00E+00 | 0.44 | 1.59E-03 | 0.10 | 0.00E+00 | 0.05 | 0.00E+00 | 0.52 | 0.00E+00 | 0.09 | 0.00E+00 | 0.00E+00 | | 5.59E-04 | 0.00E+00 | 0.00E+00 | 32.56 | 194.85 | 53.29 | 37.81 |
| 302 | Farm D? | 683238.3 | 4862393.3 | | | 0.35 | 0.00E+00 | 0.00E+00 | 0.28 | 9.83E-04 | 0.06 | 0.00E+00 | 0.03 | 0.00E+00 | 0.32 | 0.00E+00 | 0.05 | 0.00E+00 | 0.00E+00 | | 3.46E-04 | 0.00E+00 | 0.00E+00 | 20.18 | 120.74 | 33.02 | 23.43 |
| 303 | Farm E? | 682512.6 | 4862858.0 | | | 0.49 | 0.00E+00 | 0.00E+00 | 0.38 | 1.36E-03 | 0.09 | 0.00E+00 | 0.05 | 0.00E+00 | 0.45 | 0.00E+00 | 0.07 | 0.00E+00 | 0.00E+00 | | 4.78E-04 | 0.00E+00 | 0.00E+00 | 27.87 | 166.77 | 45.61 | 32.37 |
| 304 | Farm F? | 683129.1 | 4863649.4 | | | 0.38 | 0.00E+00 | 0.00E+00 | 0.29 | 1.04E-03 | 0.07 | 0.00E+00 | 0.03 | 0.00E+00 | 0.34 | 0.00E+00 | 0.06 | 0.00E+00 | 0.00E+00 | | 3.67E-04 | 0.00E+00 | 0.00E+00 | 21.41 | 128.07 | 35.03 | 24.86 |
| 305 | Bennett 1 | 688209.3 | 4862512.1 | | | 0.08 | 0.00E+00 | 0.00E+00 | 0.07 | 2.33E-04 | 0.01 | 0.00E+00 | 7.76E-03 | 0.00E+00 | 0.08 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 8.22E-05 | 0.00E+00 | 0.00E+00 | 4.79 | 28.67 | 7.84 | 5.57 |
| 306 | Bennett 2 | 687990.0 | 4863221.3 | | | 0.09 | 0.00E+00 | 0.00E+00 | 0.07 | 2.58E-04 | 0.02 | 0.00E+00 | 8.58E-03 | 0.00E+00 | 0.09 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.09E-05 | 0.00E+00 | 0.00E+00 | 5.30 | 31.70 | 8.67 | 6.15 |
| 307 | Bennett 3 | 688818.4 | 4862836.3 | | | 0.08 | 0.00E+00 | 0.00E+00 | 0.06 | 2.21E-04 | 0.01 | 0.00E+00 | 7.34E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 7.77E-05 | 0.00E+00 | 0.00E+00 | 4.53 | 27.11 | 7.42 | 5.26 |
| 308 | Bennett 4 | 689045.1 | 4863365.5 | | | 0.08 | 0.00E+00 | 0.00E+00 | 0.06 | 2.25E-04 | 0.01 | 0.00E+00 | 7.49E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 7.93E-05 | 0.00E+00 | 0.00E+00 | 4.62 | 27.66 | 7.57 | 5.37 |
| 309 | Bennett 5 | 688270.5 | 4863763.1 | | | 0.10 | 0.00E+00 | 0.00E+00 | 0.08 | 2.75E-04 | 0.02 | 0.00E+00 | 9.15E-03 | 0.00E+00 | 0.09 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.69E-05 | 0.00E+00 | 0.00E+00 | 5.65 | 33.81 | 9.25 | 6.56 |
| 310 | Bennett 6 | 689908.5 | 4863100.5 | | | 0.07 | 0.00E+00 | 0.00E+00 | 0.05 | 1.91E-04 | 0.01 | 0.00E+00 | 6.36E-03 | 0.00E+00 | 0.06 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 6.73E-05 | 0.00E+00 | 0.00E+00 | 3.93 | 23.49 | 6.42 | 4.56 |
| 311 | Bennett 7 | 688929.9 | 4864392.0 | | | 0.09 | 0.00E+00 | 0.00E+00 | 0.07 | 2.62E-04 | 0.02 | 0.00E+00 | 8.72E-03 | 0.00E+00 | 0.09 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.23E-05 | 0.00E+00 | 0.00E+00 | 5.38 | 32.19 | 8.80 | 6.25 |
| 312 | Bennett 8 | 689684.2 | 4863837.7 | | | 0.08 | 0.00E+00 | 0.00E+00 | 0.06 | 2.18E-04 | 0.01 | 0.00E+00 | 7.24E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 7.67E-05 | 0.00E+00 | 0.00E+00 | 4.47 | 26.76 | 7.32 | 5.19 |
| 313 | Soper 1 | 687557.9 | 4862512.4 | | | 0.09 | 0.00E+00 | 0.00E+00 | 0.07 | 2.63E-04 | 0.02 | 0.00E+00 | 8.74E-03 | 0.00E+00 | 0.09 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.26E-05 | 0.00E+00 | 0.00E+00 | 5.40 | 32.29 | 8.83 | 6.27 |
| 314 | Soper 2 | 687241.9 | 4863171.7 | | | 0.11 | 0.00E+00 | 0.00E+00 | 0.08 | 2.97E-04 | 0.02 | 0.00E+00 | 9.88E-03 | 0.00E+00 | 0.10 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.05E-04 | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | 2-methylphthalene | 1-methylphenanthrene | 9-methylphenanthrene | Naphthalene | Perylene | Phenanthrene | Picene | Pyrene | Quinoline | Tetralin | Triphenylene | O-terphenyl | M-terphenyl | P-terphenyl | Volatile Organic Chemicals (VOC) | Acetaldehyde | Acetone | Acrolein | Benzene | Bromodichloromethane | Bromoform | Bromothane | | | | |
|----------|------------------|----------|-----------|-------------|----------------------------------|--|----------------------|----------------------|-------------|----------|--------------|----------|----------|-----------|----------|--------------|-------------|-------------|-------------|----------------------------------|--------------|----------|----------|---------|----------------------|-----------|------------|----------|------|----------|----------|
| | | (m) | (m) | | | Vapour (V)/Particulate (P) Phase | V | V | V | V | V | V | V | V | V | V | V | V | V | | V | V | V | V | V | V | V | V | V | V | V |
| | | (m) | (m) | | | Updated Facility Contaminant Emission Rate (g/s) | 6.36E-05 | | | 4.95E-05 | 1.77E-07 | 1.11E-05 | | | 5.87E-06 | | 5.83E-05 | | 9.57E-06 | | | | | | 6.22E-08 | | | 3.63E-03 | 0.02 | 5.93E-03 | 4.21E-03 |
| 331 | Upper Tooley 4 | 678898.8 | 4861800.6 | | | 0.55 | 0.00E+00 | 0.00E+00 | 0.42 | 1.51E-03 | 0.09 | 0.00E+00 | 0.05 | 0.00E+00 | 0.50 | 0.00E+00 | 0.08 | 0.00E+00 | 0.00E+00 | | 5.33E-04 | 0.00E+00 | 0.00E+00 | 31.07 | 185.77 | 50.81 | 36.07 | | | | |
| 332 | Upper Tooley 5 | 680353.5 | 4862156.5 | | | 0.52 | 0.00E+00 | 0.00E+00 | 0.40 | 1.44E-03 | 0.09 | 0.00E+00 | 0.05 | 0.00E+00 | 0.48 | 0.00E+00 | 0.08 | 0.00E+00 | 0.00E+00 | | 5.07E-04 | 0.00E+00 | 0.00E+00 | 29.55 | 176.80 | 48.35 | 34.32 | | | | |
| 333 | Upper Tooley 6 | 679818.1 | 4861625.7 | | | 0.61 | 0.00E+00 | 0.00E+00 | 0.48 | 1.70E-03 | 0.11 | 0.00E+00 | 0.06 | 0.00E+00 | 0.56 | 0.00E+00 | 0.09 | 0.00E+00 | 0.00E+00 | | 5.98E-04 | 0.00E+00 | 0.00E+00 | 34.92 | 208.73 | 57.09 | 40.55 | | | | |
| 334 | Robinson 1 | 678434.8 | 4860943.1 | | | 0.67 | 0.00E+00 | 0.00E+00 | 0.52 | 1.86E-03 | 0.12 | 0.00E+00 | 0.06 | 0.00E+00 | 0.62 | 0.00E+00 | 0.10 | 0.00E+00 | 0.00E+00 | | 6.56E-04 | 0.00E+00 | 0.00E+00 | 38.25 | 228.70 | 62.55 | 44.42 | | | | |
| 335 | Robinson 2 | 677752.6 | 4861240.6 | | | 0.54 | 0.00E+00 | 0.00E+00 | 0.42 | 1.51E-03 | 0.09 | 0.00E+00 | 0.05 | 0.00E+00 | 0.50 | 0.00E+00 | 0.08 | 0.00E+00 | 0.00E+00 | | 5.30E-04 | 0.00E+00 | 0.00E+00 | 30.91 | 184.82 | 50.55 | 35.89 | | | | |
| 336 | Robinson 3 | 677642.2 | 4861787.2 | | | 0.46 | 0.00E+00 | 0.00E+00 | 0.36 | 1.28E-03 | 0.08 | 0.00E+00 | 0.04 | 0.00E+00 | 0.42 | 0.00E+00 | 0.07 | 0.00E+00 | 0.00E+00 | | 4.50E-04 | 0.00E+00 | 0.00E+00 | 26.24 | 157.03 | 42.95 | 30.47 | | | | |
| 337 | Robinson 4 | 678532.7 | 4862143.6 | | | 0.47 | 0.00E+00 | 0.00E+00 | 0.37 | 1.31E-03 | 0.08 | 0.00E+00 | 0.04 | 0.00E+00 | 0.43 | 0.00E+00 | 0.07 | 0.00E+00 | 0.00E+00 | | 4.60E-04 | 0.00E+00 | 0.00E+00 | 26.81 | 160.33 | 43.85 | 31.13 | | | | |
| 338 | Robinson 5 | 678005.1 | 4862784.9 | | | 0.37 | 0.00E+00 | 0.00E+00 | 0.29 | 1.04E-03 | 0.06 | 0.00E+00 | 0.03 | 0.00E+00 | 0.34 | 0.00E+00 | 0.06 | 0.00E+00 | 0.00E+00 | | 3.64E-04 | 0.00E+00 | 0.00E+00 | 21.26 | 127.12 | 34.77 | 24.68 | | | | |
| 339 | Robinson 6 | 677882.7 | 4860587.7 | | | 0.47 | 0.00E+00 | 0.00E+00 | 0.37 | 1.31E-03 | 0.08 | 0.00E+00 | 0.04 | 0.00E+00 | 0.43 | 0.00E+00 | 0.07 | 0.00E+00 | 0.00E+00 | | 4.61E-04 | 0.00E+00 | 0.00E+00 | 26.86 | 160.65 | 43.94 | 31.19 | | | | |
| 340 | F/B 1 | 677443.1 | 4867862.1 | | | 0.12 | 0.00E+00 | 0.00E+00 | 0.09 | 3.28E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.11 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.16E-04 | 0.00E+00 | 0.00E+00 | 6.74 | 40.32 | 11.03 | 7.83 | | | | |
| 341 | F/B 2 | 679667.4 | 4866611.4 | | | 0.16 | 0.00E+00 | 0.00E+00 | 0.12 | 4.38E-04 | 0.03 | 0.00E+00 | 0.01 | 0.00E+00 | 0.14 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.54E-04 | 0.00E+00 | 0.00E+00 | 8.98 | 53.74 | 14.70 | 10.43 | | | | |
| 342 | F/B 3 | 678655.0 | 4867470.1 | | | 0.17 | 0.00E+00 | 0.00E+00 | 0.13 | 4.76E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.16 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.68E-04 | 0.00E+00 | 0.00E+00 | 9.78 | 58.48 | 15.99 | 11.35 | | | | |
| 343 | F/B 4 | 676191.2 | 4866844.7 | | | 0.10 | 0.00E+00 | 0.00E+00 | 0.08 | 2.75E-04 | 0.02 | 0.00E+00 | 9.16E-03 | 0.00E+00 | 0.09 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.69E-05 | 0.00E+00 | 0.00E+00 | 5.66 | 33.82 | 9.25 | 6.57 | | | | |
| 344 | F/B 5 | 678273.3 | 4866093.0 | | | 0.16 | 0.00E+00 | 0.00E+00 | 0.12 | 4.45E-04 | 0.03 | 0.00E+00 | 0.01 | 0.00E+00 | 0.15 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.57E-04 | 0.00E+00 | 0.00E+00 | 9.14 | 54.66 | 14.95 | 10.61 | | | | |
| 345 | F/B 6 | 681241.2 | 4867098.8 | | | 0.13 | 0.00E+00 | 0.00E+00 | 0.10 | 3.69E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.12 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.30E-04 | 0.00E+00 | 0.00E+00 | 7.57 | 45.29 | 12.39 | 8.80 | | | | |
| 346 | F/B 7 | 682165.3 | 4868082.3 | | | 0.12 | 0.00E+00 | 0.00E+00 | 0.10 | 3.46E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.11 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.22E-04 | 0.00E+00 | 0.00E+00 | 7.10 | 42.45 | 11.61 | 8.24 | | | | |
| 347 | F/B 8 | 679366.6 | 4868628.3 | | | 0.12 | 0.00E+00 | 0.00E+00 | 0.09 | 3.23E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.11 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.14E-04 | 0.00E+00 | 0.00E+00 | 6.62 | 39.62 | 10.83 | 7.69 | | | | |
| 348 | F/B 9 | 680310.1 | 4869967.1 | | | 0.08 | 0.00E+00 | 0.00E+00 | 0.06 | 2.22E-04 | 0.01 | 0.00E+00 | 7.39E-03 | 0.00E+00 | 0.07 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 7.82E-05 | 0.00E+00 | 0.00E+00 | 4.56 | 27.30 | 7.47 | 5.30 | | | | |
| 349 | F/B 10 | 676487.3 | 4869291.6 | | | 0.09 | 0.00E+00 | 0.00E+00 | 0.07 | 2.46E-04 | 0.02 | 0.00E+00 | 8.19E-03 | 0.00E+00 | 0.08 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 8.67E-05 | 0.00E+00 | 0.00E+00 | 5.06 | 30.24 | 8.27 | 5.87 | | | | |
| 350 | F/B 11 | 676851.4 | 4865409.3 | | | 0.13 | 0.00E+00 | 0.00E+00 | 0.10 | 3.47E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.11 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.22E-04 | 0.00E+00 | 0.00E+00 | 7.13 | 42.62 | 11.66 | 8.28 | | | | |
| 351 | F/B 12 | 681153.3 | 4868682.2 | | | 0.11 | 0.00E+00 | 0.00E+00 | 0.08 | 3.00E-04 | 0.02 | 0.00E+00 | 9.97E-03 | 0.00E+00 | 0.10 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.06E-04 | 0.00E+00 | 0.00E+00 | 6.16 | 36.81 | 10.07 | 7.15 | | | | |
| 352 | F/B 13 | 675416.3 | 4859833.9 | | | 0.17 | 0.00E+00 | 0.00E+00 | 0.13 | 4.68E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.15 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.64E-04 | 0.00E+00 | 0.00E+00 | 9.60 | 57.38 | 15.69 | 11.15 | | | | |
| 353 | Second 1 | 675153.4 | 4860552.8 | | | 0.21 | 0.00E+00 | 0.00E+00 | 0.16 | 5.76E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.19 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.03E-04 | 0.00E+00 | 0.00E+00 | 11.83 | 70.74 | 19.35 | 13.73 | | | | |
| 354 | Second 2 | 675297.5 | 4860891.3 | | | 0.22 | 0.00E+00 | 0.00E+00 | 0.17 | 5.99E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.20 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.11E-04 | 0.00E+00 | 0.00E+00 | 12.30 | 73.57 | 20.12 | 14.29 | | | | |
| 355 | Second 3 | 675647.2 | 4860644.9 | | | 0.24 | 0.00E+00 | 0.00E+00 | 0.18 | 6.58E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.22 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.31E-04 | 0.00E+00 | 0.00E+00 | 13.50 | 80.72 | 22.08 | 15.67 | | | | |
| 356 | Second 4 | 675670.5 | 4860076.5 | | | 0.20 | 0.00E+00 | 0.00E+00 | 0.16 | 5.53E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.18 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.95E-04 | 0.00E+00 | 0.00E+00 | 11.36 | 67.94 | 18.58 | 13.19 | | | | |
| 357 | Second 5 | 676043.3 | 4860319.1 | | | 0.24 | 0.00E+00 | 0.00E+00 | 0.19 | 6.75E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.22 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.38E-04 | 0.00E+00 | 0.00E+00 | 13.86 | 82.89 | 22.67 | 16.10 | | | | |
| 358 | Second 6 | 675923.4 | 4859821.4 | | | 0.18 | 0.00E+00 | 0.00E+00 | 0.14 | 5.06E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.17 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.78E-04 | 0.00E+00 | 0.00E+00 | 10.40 | 62.15 | 17.00 | 12.07 | | | | |
| 359 | McLaughlin Bay 1 | 676714.7 | 4860903.8 | | | 0.31 | 0.00E+00 | 0.00E+00 | 0.24 | 8.50E-04 | 0.05 | 0.00E+00 | 0.03 | 0.00E+00 | 0.28 | 0.00E+00 | 0.05 | 0.00E+00 | 0.00E+00 | | 2.99E-04 | 0.00E+00 | 0.00E+00 | 17.44 | 104.30 | 28.52 | 20.25 | | | | |
| 360 | McLaughlin Bay 2 | 677310.8 | 4860528.2 | | | 0.38 | 0.00E+00 | 0.00E+00 | 0.30 | 1.06E-03 | 0.07 | 0.00E+00 | 0.04 | 0.00E+00 | 0.35 | 0.00E+00 | 0.06 | 0.00E+00 | 0.00E+00 | | 3.72E-04 | 0.00E+00 | 0.00E+00 | 21.69 | 129.71 | 35.47 | 25.19 | | | | |
| 361 | McLaughlin Bay 3 | 676563.5 | 4860260.1 | | | 0.27 | 0.00E+00 | 0.00E+00 | 0.21 | 7.53E-04 | 0.05 | 0.00E+00 | 0.03 | 0.00E+00 | 0.25 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.65E-04 | 0.00E+00 | 0.00E+00 | 15.45 | 92.41 | 25.27 | 17.94 | | | | |
| 362 | McLaughlin Bay 4 | 676699.5 | 4859696.6 | | | 0.20 | 0.00E+00 | 0.00E+00 | 0.16 | 5.69E-04 | 0.04 | 0.00E+00 | 0.02 | 0.00E+00 | 0.19 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 2.00E-04 | 0.00E+00 | 0.00E+00 | 11.67 | 69.78 | 19.08 | 13.55 | | | | |
| 363 | McLaughlin Bay 5 | 677560.0 | 4860060.1 | | | 0.29 | 0.00E+00 | 0.00E+00 | 0.23 | 8.10E-04 | 0.05 | 0.00E+00 | 0.03 | 0.00E+00 | 0.27 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.85E-04 | 0.00E+00 | 0.00E+00 | 16.62 | 99.39 | 27.18 | 19.30 | | | | |
| 364 | McLaughlin Bay 6 | 678204.5 | 4859832.5 | | | 0.30 | 0.00E+00 | 0.00E+00 | 0.23 | 8.38E-04 | 0.05 | 0.00E+00 | 0.03 | 0.00E+00 | 0.28 | 0.00E+00 | 0.05 | 0.00E+00 | 0.00E+00 | | 2.95E-04 | 0.00E+00 | 0.00E+00 | 17.21 | 102.90 | 28.14 | 19.98 | | | | |
| 365 | Harmony Creek 1 | 674178.3 | 4861024.2 | | | 0.19 | 0.00E+00 | 0.00E+00 | 0.15 | 5.37E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.18 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.89E-04 | 0.00E+00 | 0.00E+00 | 11.02 | 65.92 | 18.03 | 12.80 | | | | |
| 366 | Harmony Creek 2 | 674592.0 | 4862605.3 | | | 0.27 | 0.00E+00 | 0.00E+00 | 0.21 | 7.36E-04 | 0.05 | 0.00E+00 | 0.02 | 0.00E+00 | 0.24 | 0.00E+00 | 0.04 | 0.00E+00 | 0.00E+00 | | 2.59E-04 | 0.00E+00 | 0.00E+00 | 15.12 | 90.40 | 24.72 | 17.55 | | | | |
| 367 | Harmony Creek 3 | 672863.4 | 4862808.0 | | | 0.20 | 0.00E+00 | 0.00E+00 | 0.15 | 5.42E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.18 | 0.00E+00 | 0.03 | 0.00E+00 | 0.00E+00 | | 1.91E-04 | 0.00E+00 | 0.00E+00 | 11.13 | 66.56 | 18.20 | 12.93 | | | | |
| 368 | Harmony Creek 4 | 675671.6 | 4864469.0 | | | 0.16 | 0.00E+00 | 0.00E+00 | 0.13 | 4.52E-04 | 0.03 | 0.00E+00 | 0.02 | 0.00E+00 | 0.15 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.59E-04 | 0.00E+00 | 0.00E+00 | 9.27 | 55.46 | 15.17 | 10.77 | | | | |
| 369 | Harmony Creek 5 | 672443.1 | 4864713.0 | | | 0.13 | 0.00E+00 | 0.00E+00 | 0.10 | 3.51E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.12 | 0.00E+00 | 0.02 | 0.00E+00 | 0.0 | | | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | 2-methyl-naphthalene | 1-methylphenanthrene | 9-methylphenanthrene | Naphthalene | Perylene | Phenanthrene | Picene | Pyrene | Quinoline | Tetralin | Triphenylene | O-terphenyl | M-terphenyl | P-terphenyl | Volatile Organic Chemicals (VOC) | Acetaldehyde | Acetone | Acrolein | Benzene | Bromodichloromethane | Bromoform | Bromomethane | | | | | |
|----------|-------------------|----------|-----------|-------------|----------------------------------|----------------------|----------------------|--|-------------|----------|--------------|----------|----------|-----------|----------|--------------|-------------|-------------|-------------|----------------------------------|--------------|----------|----------|---------|----------------------|-----------|--------------|---|----------|------|----------|----------|
| | | | | | | V | V | V | V | V | V | V | V | V | V | V | V | V | V | | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | 6.36E-05 | | | 4.95E-05 | 1.77E-07 | 1.11E-05 | | 5.87E-06 | | 5.83E-05 | | | 9.57E-06 | | | | | 6.22E-08 | | | 3.63E-03 | 0.02 | 5.93E-03 | 4.21E-03 |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | | 0.15 | 0.00E+00 | 0.00E+00 | 0.12 | 4.25E-04 | 0.03 | 0.00E+00 | 0.01 | 0.00E+00 | 0.14 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.50E-04 | 0.00E+00 | 0.00E+00 | 8.73 | 52.19 | 14.27 | 10.13 | | | | | |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | | 0.12 | 0.00E+00 | 0.00E+00 | 0.10 | 3.43E-04 | 0.02 | 0.00E+00 | 0.01 | 0.00E+00 | 0.11 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.21E-04 | 0.00E+00 | 0.00E+00 | 7.04 | 42.09 | 11.51 | 8.17 | | | | | |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | | 0.15 | 0.00E+00 | 0.00E+00 | 0.12 | 4.25E-04 | 0.03 | 0.00E+00 | 0.01 | 0.00E+00 | 0.14 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.49E-04 | 0.00E+00 | 0.00E+00 | 8.72 | 52.13 | 14.26 | 10.12 | | | | | |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | | 0.11 | 0.00E+00 | 0.00E+00 | 0.08 | 2.97E-04 | 0.02 | 0.00E+00 | 9.89E-03 | 0.00E+00 | 0.10 | 0.00E+00 | 0.02 | 0.00E+00 | 0.00E+00 | | 1.05E-04 | 0.00E+00 | 0.00E+00 | 6.11 | 36.50 | 9.98 | 7.09 | | | | | |
| 390 | Farmer | 677409.8 | 4861051.4 | | | 0.45 | 0.00E+00 | 0.00E+00 | 0.35 | 1.26E-03 | 0.08 | 0.00E+00 | 0.04 | 0.00E+00 | 0.42 | 0.00E+00 | 0.07 | 0.00E+00 | 0.00E+00 | | 4.43E-04 | 0.00E+00 | 0.00E+00 | 25.84 | 154.49 | 42.25 | 30.01 | | | | | |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | | 0.10 | 0.00E+00 | 0.00E+00 | 0.07 | 2.65E-04 | 0.02 | 0.00E+00 | 8.81E-03 | 0.00E+00 | 0.09 | 0.00E+00 | 0.01 | 0.00E+00 | 0.00E+00 | | 9.33E-05 | 0.00E+00 | 0.00E+00 | 5.44 | 32.54 | 8.90 | 6.32 | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Butadiene, 1,3 - | Butanone, 2 - | Carbon tetrachloride | Chloroform | Cumene | Dibromochloromethane | Dichlorodifluoromethane | Dichloroethane, 1,2 - | Dichloroethane, trans - 1,2 - | Dichloroethane, 1,1 - | Dichloromethane | Dichloropropane, 1,2 - | Ethylbenzene | Ethylene Dibromide | Formaldehyde | Mesitylene | Styrene | Tetrachloroethene | Toluene | Trichloroethane, 1,1,1 - | Trichloroethene | Trichlorofluoromethane | | | | |
|----------|----------------------------|--|-----------|-------------|----------------------------------|----------------------------------|---------------|----------------------|------------|----------|----------------------|-------------------------|-----------------------|-------------------------------|-----------------------|-----------------|------------------------|--------------|--------------------|--------------|------------|----------|-------------------|---------|--------------------------|-----------------|------------------------|---|---|---|---|
| | | (m) | (m) | | | Vapour (V)/Particulate (P) Phase | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | Updated Facility Contaminant Emission Rate (g/s) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | Campground 10 | 678526.8 | 485996.8 | | | 0.00E+00 | 0.00E+00 | 0.20 | 0.33 | 0.00E+00 | 0.00E+00 | 56.12 | 0.00E+00 | 0.00E+00 | 0.36 | 113.46 | 0.00E+00 | 0.67 | 0.19 | 30.62 | 0.00E+00 | 0.00E+00 | 3.66 | 32.41 | 0.92 | 0.32 | 111.02 | | | | |
| 2 | ECO 2 | 675490.4 | 4860360.1 | | | 0.00E+00 | 0.00E+00 | 0.13 | 0.20 | 0.00E+00 | 0.00E+00 | 34.44 | 0.00E+00 | 0.00E+00 | 0.22 | 69.63 | 0.00E+00 | 0.41 | 0.12 | 18.79 | 0.00E+00 | 0.00E+00 | 2.24 | 19.89 | 0.56 | 0.19 | 68.13 | | | | |
| 3 | Recreational 5 | 681642.0 | 4860349.3 | | | 0.00E+00 | 0.00E+00 | 0.35 | 0.56 | 0.00E+00 | 0.00E+00 | 96.26 | 0.00E+00 | 0.00E+00 | 0.63 | 194.60 | 0.00E+00 | 1.15 | 0.33 | 52.51 | 0.00E+00 | 0.00E+00 | 6.27 | 55.58 | 1.58 | 0.54 | 190.42 | | | | |
| 4 | ECO 4 | 676831.5 | 4859840.9 | | | 0.00E+00 | 0.00E+00 | 0.13 | 0.21 | 0.00E+00 | 0.00E+00 | 35.00 | 0.00E+00 | 0.00E+00 | 0.23 | 70.75 | 0.00E+00 | 0.42 | 0.12 | 19.09 | 0.00E+00 | 0.00E+00 | 2.28 | 20.21 | 0.57 | 0.20 | 69.23 | | | | |
| 5 | Bow. Valley Cons. 3 | 685767.2 | 4863879.0 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 25.30 | 0.00E+00 | 0.00E+00 | 0.16 | 51.15 | 0.00E+00 | 0.30 | 0.09 | 13.80 | 0.00E+00 | 0.00E+00 | 1.65 | 14.61 | 0.41 | 0.14 | 50.05 | | | | |
| 6 | ECO 6 | 679647.8 | 4859989.3 | | | 0.00E+00 | 0.00E+00 | 0.71 | 1.14 | 0.00E+00 | 0.00E+00 | 195.10 | 0.00E+00 | 0.00E+00 | 1.27 | 394.41 | 0.00E+00 | 2.32 | 0.67 | 106.42 | 0.00E+00 | 0.00E+00 | 12.71 | 112.65 | 3.20 | 1.10 | 385.93 | | | | |
| 7 | ECO 7 | 681578.8 | 4862070.1 | | | 0.00E+00 | 0.00E+00 | 0.39 | 0.63 | 0.00E+00 | 0.00E+00 | 107.94 | 0.00E+00 | 0.00E+00 | 0.70 | 218.21 | 0.00E+00 | 1.28 | 0.37 | 58.88 | 0.00E+00 | 0.00E+00 | 7.03 | 62.32 | 1.77 | 0.61 | 213.52 | | | | |
| 8 | ECO 8 | 679735.5 | 4861048.6 | | | 0.00E+00 | 0.00E+00 | 0.65 | 1.04 | 0.00E+00 | 0.00E+00 | 178.23 | 0.00E+00 | 0.00E+00 | 1.16 | 360.31 | 0.00E+00 | 2.12 | 0.61 | 97.22 | 0.00E+00 | 0.00E+00 | 11.61 | 102.91 | 2.92 | 1.01 | 352.56 | | | | |
| 9 | ECO 9 | 687219.7 | 4864249.3 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.11 | 0.00E+00 | 0.00E+00 | 18.26 | 0.00E+00 | 0.00E+00 | 0.12 | 36.92 | 0.00E+00 | 0.22 | 0.06 | 9.96 | 0.00E+00 | 0.00E+00 | 1.19 | 10.55 | 0.30 | 0.10 | 36.13 | | | | |
| 10 | ECO 10 | 686519.0 | 4861987.6 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 16.92 | 0.00E+00 | 0.00E+00 | 0.11 | 34.20 | 0.00E+00 | 0.20 | 0.06 | 9.23 | 0.00E+00 | 0.00E+00 | 1.10 | 9.77 | 0.28 | 0.10 | 33.46 | | | | |
| 11 | ECO 11 | 679870.4 | 4859737.9 | | | 0.00E+00 | 0.00E+00 | 0.45 | 0.72 | 0.00E+00 | 0.00E+00 | 122.97 | 0.00E+00 | 0.00E+00 | 0.80 | 248.59 | 0.00E+00 | 1.46 | 0.42 | 67.08 | 0.00E+00 | 0.00E+00 | 8.01 | 71.00 | 2.02 | 0.69 | 243.25 | | | | |
| 12 | Recreational 4 | 681575.5 | 4860557.7 | | | 0.00E+00 | 0.00E+00 | 0.34 | 0.54 | 0.00E+00 | 0.00E+00 | 92.45 | 0.00E+00 | 0.00E+00 | 0.60 | 186.89 | 0.00E+00 | 1.10 | 0.32 | 50.43 | 0.00E+00 | 0.00E+00 | 6.02 | 53.38 | 1.52 | 0.52 | 182.87 | | | | |
| 13 | Future Industrial 9 | 680704.5 | 4859857.8 | | | 0.00E+00 | 0.00E+00 | 0.55 | 0.89 | 0.00E+00 | 0.00E+00 | 151.85 | 0.00E+00 | 0.00E+00 | 0.99 | 306.97 | 0.00E+00 | 1.81 | 0.52 | 82.83 | 0.00E+00 | 0.00E+00 | 9.89 | 87.68 | 2.49 | 0.86 | 300.38 | | | | |
| 14 | Future Industrial 10 | 680608.0 | 4860719.6 | | | 0.00E+00 | 0.00E+00 | 1.01 | 1.62 | 0.00E+00 | 0.00E+00 | 276.98 | 0.00E+00 | 0.00E+00 | 1.80 | 559.94 | 0.00E+00 | 3.30 | 0.95 | 151.09 | 0.00E+00 | 0.00E+00 | 18.04 | 159.93 | 4.54 | 1.56 | 547.91 | | | | |
| 15 | Harmony Creek | 673992.4 | 4865641.4 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 17.42 | 0.00E+00 | 0.00E+00 | 0.11 | 35.21 | 0.00E+00 | 0.21 | 0.06 | 9.50 | 0.00E+00 | 0.00E+00 | 1.13 | 10.06 | 0.29 | 0.10 | 34.46 | | | | |
| 16 | Farewell Creek | 678079.2 | 4868822.7 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.12 | 0.00E+00 | 0.00E+00 | 20.83 | 0.00E+00 | 0.00E+00 | 0.14 | 42.11 | 0.00E+00 | 0.25 | 0.07 | 11.36 | 0.00E+00 | 0.00E+00 | 1.36 | 12.03 | 0.34 | 0.12 | 41.20 | | | | |
| 17 | Farmer | 681378.6 | 4860335.0 | | | 0.00E+00 | 0.00E+00 | 0.46 | 0.74 | 0.00E+00 | 0.00E+00 | 125.69 | 0.00E+00 | 0.00E+00 | 0.82 | 254.10 | 0.00E+00 | 1.50 | 0.43 | 68.56 | 0.00E+00 | 0.00E+00 | 8.19 | 72.58 | 2.06 | 0.71 | 248.63 | | | | |
| 18 | Watson Farm | 682883.4 | 4864219.7 | | | 0.00E+00 | 0.00E+00 | 0.17 | 0.27 | 0.00E+00 | 0.00E+00 | 45.88 | 0.00E+00 | 0.00E+00 | 0.30 | 92.75 | 0.00E+00 | 0.55 | 0.16 | 25.03 | 0.00E+00 | 0.00E+00 | 2.99 | 26.49 | 0.75 | 0.26 | 90.76 | | | | |
| 19 | Racanski Farm | 678929.2 | 4865530.2 | | | 0.00E+00 | 0.00E+00 | 0.13 | 0.21 | 0.00E+00 | 0.00E+00 | 35.05 | 0.00E+00 | 0.00E+00 | 0.23 | 70.87 | 0.00E+00 | 0.42 | 0.12 | 19.12 | 0.00E+00 | 0.00E+00 | 2.28 | 20.24 | 0.57 | 0.20 | 69.34 | | | | |
| 20 | Zoo | 687216.8 | 4864835.3 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.12 | 0.00E+00 | 0.00E+00 | 19.91 | 0.00E+00 | 0.00E+00 | 0.13 | 40.24 | 0.00E+00 | 0.24 | 0.07 | 10.86 | 0.00E+00 | 0.00E+00 | 1.30 | 11.49 | 0.33 | 0.11 | 39.38 | | | | |
| 21 | Cedar Crest Beach | 686652.1 | 4861660.9 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 16.55 | 0.00E+00 | 0.00E+00 | 0.11 | 33.46 | 0.00E+00 | 0.20 | 0.06 | 9.03 | 0.00E+00 | 0.00E+00 | 1.08 | 9.56 | 0.27 | 0.09 | 32.74 | | | | |
| 22 | Darlington Prov Park Beach | 677844.6 | 4859718.2 | | | 0.00E+00 | 0.00E+00 | 0.15 | 0.24 | 0.00E+00 | 0.00E+00 | 41.58 | 0.00E+00 | 0.00E+00 | 0.27 | 84.06 | 0.00E+00 | 0.49 | 0.14 | 22.68 | 0.00E+00 | 0.00E+00 | 2.71 | 24.01 | 0.68 | 0.23 | 82.26 | | | | |
| 23 | OPG 1 | 682258.1 | 4860045.0 | | | 0.00E+00 | 0.00E+00 | 0.21 | 0.33 | 0.00E+00 | 0.00E+00 | 56.60 | 0.00E+00 | 0.00E+00 | 0.37 | 114.42 | 0.00E+00 | 0.67 | 0.19 | 30.87 | 0.00E+00 | 0.00E+00 | 3.69 | 32.68 | 0.93 | 0.32 | 111.96 | | | | |
| 24 | OPG 2 | 682551.4 | 4859889.1 | | | 0.00E+00 | 0.00E+00 | 0.17 | 0.27 | 0.00E+00 | 0.00E+00 | 45.49 | 0.00E+00 | 0.00E+00 | 0.30 | 91.97 | 0.00E+00 | 0.54 | 0.16 | 24.82 | 0.00E+00 | 0.00E+00 | 2.96 | 26.27 | 0.75 | 0.26 | 89.99 | | | | |
| 25 | OPG 3 | 682824.6 | 4859759.3 | | | 0.00E+00 | 0.00E+00 | 0.13 | 0.22 | 0.00E+00 | 0.00E+00 | 36.74 | 0.00E+00 | 0.00E+00 | 0.24 | 74.27 | 0.00E+00 | 0.44 | 0.13 | 20.04 | 0.00E+00 | 0.00E+00 | 2.39 | 21.21 | 0.60 | 0.21 | 72.67 | | | | |
| 26 | OPG 4 | 683021.6 | 4859937.3 | | | 0.00E+00 | 0.00E+00 | 0.15 | 0.25 | 0.00E+00 | 0.00E+00 | 42.28 | 0.00E+00 | 0.00E+00 | 0.27 | 85.48 | 0.00E+00 | 0.50 | 0.14 | 23.06 | 0.00E+00 | 0.00E+00 | 2.75 | 24.41 | 0.69 | 0.24 | 83.64 | | | | |
| 27 | OPG 5 | 683318.2 | 4859677.8 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.18 | 0.00E+00 | 0.00E+00 | 30.94 | 0.00E+00 | 0.00E+00 | 0.20 | 62.56 | 0.00E+00 | 0.37 | 0.11 | 16.88 | 0.00E+00 | 0.00E+00 | 2.02 | 17.87 | 0.51 | 0.17 | 61.21 | | | | |
| 28 | OPG 6 | 683306.9 | 4860023.0 | | | 0.00E+00 | 0.00E+00 | 0.16 | 0.26 | 0.00E+00 | 0.00E+00 | 43.79 | 0.00E+00 | 0.00E+00 | 0.28 | 88.52 | 0.00E+00 | 0.52 | 0.15 | 23.88 | 0.00E+00 | 0.00E+00 | 2.85 | 25.28 | 0.72 | 0.25 | 86.61 | | | | |
| 29 | OPG 7 | 683718.6 | 4859915.8 | | | 0.00E+00 | 0.00E+00 | 0.13 | 0.22 | 0.00E+00 | 0.00E+00 | 36.88 | 0.00E+00 | 0.00E+00 | 0.24 | 74.56 | 0.00E+00 | 0.44 | 0.13 | 20.12 | 0.00E+00 | 0.00E+00 | 2.40 | 21.30 | 0.60 | 0.21 | 72.96 | | | | |
| 30 | OPG 8 | 682702.0 | 4859998.6 | | | 0.00E+00 | 0.00E+00 | 0.18 | 0.29 | 0.00E+00 | 0.00E+00 | 50.33 | 0.00E+00 | 0.00E+00 | 0.33 | 101.75 | 0.00E+00 | 0.60 | 0.17 | 27.46 | 0.00E+00 | 0.00E+00 | 3.28 | 29.06 | 0.83 | 0.28 | 99.56 | | | | |
| 31 | OPG 9 | 684347.7 | 4861184.6 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.17 | 0.00E+00 | 0.00E+00 | 28.96 | 0.00E+00 | 0.00E+00 | 0.19 | 58.55 | 0.00E+00 | 0.34 | 0.10 | 15.80 | 0.00E+00 | 0.00E+00 | 1.89 | 16.72 | 0.47 | 0.16 | 57.30 | | | | |
| 32 | OPG 10 | 682157.2 | 4861228.2 | | | 0.00E+00 | 0.00E+00 | 0.31 | 0.50 | 0.00E+00 | 0.00E+00 | 84.94 | 0.00E+00 | 0.00E+00 | 0.55 | 171.72 | 0.00E+00 | 1.01 | 0.29 | 46.34 | 0.00E+00 | 0.00E+00 | 5.53 | 49.05 | 1.39 | 0.48 | 168.03 | | | | |
| 33 | St. Mary's 1 | 684557.0 | 4861070.0 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.17 | 0.00E+00 | 0.00E+00 | 29.03 | 0.00E+00 | 0.00E+00 | 0.19 | 58.69 | 0.00E+00 | 0.35 | 0.10 | 15.84 | 0.00E+00 | 0.00E+00 | 1.89 | 16.76 | 0.48 | 0.16 | 57.43 | | | | |
| 34 | St. Mary's 2 | 684657.3 | 4861320.8 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.15 | 0.00E+00 | 0.00E+00 | 26.40 | 0.00E+00 | 0.00E+00 | 0.17 | 53.37 | 0.00E+00 | 0.31 | 0.09 | 14.40 | 0.00E+00 | 0.00E+00 | 1.72 | 15.24 | 0.43 | 0.15 | 52.22 | | | | |
| 35 | St. Mary's 3 | 684905.3 | 4861154.4 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 26.02 | 0.00E+00 | 0.00E+00 | 0.17 | 52.60 | 0.00E+00 | 0.31 | 0.09 | 14.19 | 0.00E+00 | 0.00E+00 | 1.69 | 15.02 | 0.43 | 0.15 | 51.47 | | | | |
| 36 | Court. Subdivision 1 | 677328.4 | 4862976.1 | | | 0.00E+00 | 0.00E+00 | 0.16 | 0.25 | 0.00E+00 | 0.00E+00 | 43.20 | 0.00E+00 | 0.00E | | | | | | | | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Butadiene, 1,3 - | Butanone, 2 - | Carbon tetrachloride | Chloroform | Cumene | Dibromochloromethane | Dichlorodifluoromethane | Dichloroethane, 1,2 - | Dichloroethane, trans - 1,2 - | Dichloroethene, 1,1 - | Dichloromethane | Dichloropropane, 1,2 - | Ethylbenzene | Ethylene Dibromide | Formaldehyde | Mesitylene | Styrene | Tetrachloroethene | Toluene | Trichloroethane, 1,1,1 - | Trichloroethene | Trichlorofluoromethane | |
|----------|--------------------------|----------|-----------|--|----------------------------------|------------------|---------------|----------------------|------------|----------|----------------------|-------------------------|-----------------------|-------------------------------|-----------------------|-----------------|------------------------|--------------|--------------------|--------------|------------|----------|-------------------|---------|--------------------------|-----------------|------------------------|---|
| | | | | | | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | | | | | | | | | | | | | | | | | | | | | | | | |
| 56 | Osh/Court Subdivision 1 | 677396.8 | 4860977.3 | | | 0.00E+00 | 0.00E+00 | 0.26 | 0.42 | 0.00E+00 | 0.00E+00 | 71.58 | 0.00E+00 | 0.00E+00 | 0.46 | 144.71 | 0.00E+00 | 0.85 | 0.24 | 39.05 | 0.00E+00 | 0.00E+00 | 4.66 | 41.33 | 1.17 | 0.40 | 141.60 | |
| 57 | Osh/Court Subdivision 2 | 676633.5 | 4860816.8 | | | 0.00E+00 | 0.00E+00 | 0.17 | 0.28 | 0.00E+00 | 0.00E+00 | 48.13 | 0.00E+00 | 0.00E+00 | 0.31 | 97.30 | 0.00E+00 | 0.57 | 0.16 | 26.25 | 0.00E+00 | 0.00E+00 | 3.13 | 27.79 | 0.79 | 0.27 | 95.21 | |
| 58 | Osh/Court Subdivision 3 | 676916.0 | 4861925.0 | | | 0.00E+00 | 0.00E+00 | 0.25 | 0.40 | 0.00E+00 | 0.00E+00 | 69.07 | 0.00E+00 | 0.00E+00 | 0.45 | 139.64 | 0.00E+00 | 0.82 | 0.24 | 37.68 | 0.00E+00 | 0.00E+00 | 4.50 | 39.88 | 1.13 | 0.39 | 136.64 | |
| 59 | Osh/Court Subdivision 4 | 676730.5 | 4861317.1 | | | 0.00E+00 | 0.00E+00 | 0.21 | 0.33 | 0.00E+00 | 0.00E+00 | 56.74 | 0.00E+00 | 0.00E+00 | 0.37 | 114.71 | 0.00E+00 | 0.68 | 0.19 | 30.95 | 0.00E+00 | 0.00E+00 | 3.70 | 32.76 | 0.93 | 0.32 | 112.25 | |
| 60 | Osh/Court Subdivision 5 | 676087.2 | 4861392.3 | | | 0.00E+00 | 0.00E+00 | 0.17 | 0.27 | 0.00E+00 | 0.00E+00 | 46.07 | 0.00E+00 | 0.00E+00 | 0.30 | 93.14 | 0.00E+00 | 0.55 | 0.16 | 25.13 | 0.00E+00 | 0.00E+00 | 3.00 | 26.60 | 0.76 | 0.26 | 91.13 | |
| 61 | Osh/Court Subdivision 6 | 676177.1 | 4861722.2 | | | 0.00E+00 | 0.00E+00 | 0.20 | 0.33 | 0.00E+00 | 0.00E+00 | 56.39 | 0.00E+00 | 0.00E+00 | 0.37 | 114.00 | 0.00E+00 | 0.67 | 0.19 | 30.76 | 0.00E+00 | 0.00E+00 | 3.67 | 32.56 | 0.92 | 0.32 | 111.55 | |
| 62 | Osh/Court Subdivision 7 | 675670.7 | 4861783.2 | | | 0.00E+00 | 0.00E+00 | 0.17 | 0.28 | 0.00E+00 | 0.00E+00 | 48.14 | 0.00E+00 | 0.00E+00 | 0.31 | 97.32 | 0.00E+00 | 0.57 | 0.16 | 26.26 | 0.00E+00 | 0.00E+00 | 3.14 | 27.80 | 0.79 | 0.27 | 95.23 | |
| 63 | Osh/Court Subdivision 8 | 676050.8 | 4862055.7 | | | 0.00E+00 | 0.00E+00 | 0.22 | 0.36 | 0.00E+00 | 0.00E+00 | 60.66 | 0.00E+00 | 0.00E+00 | 0.39 | 122.63 | 0.00E+00 | 0.72 | 0.21 | 33.09 | 0.00E+00 | 0.00E+00 | 3.95 | 35.03 | 0.99 | 0.34 | 120.00 | |
| 64 | Osh/Court Subdivision 9 | 676636.9 | 4862134.3 | | | 0.00E+00 | 0.00E+00 | 0.22 | 0.36 | 0.00E+00 | 0.00E+00 | 61.08 | 0.00E+00 | 0.00E+00 | 0.40 | 123.49 | 0.00E+00 | 0.73 | 0.21 | 33.32 | 0.00E+00 | 0.00E+00 | 3.98 | 35.27 | 1.00 | 0.34 | 120.83 | |
| 65 | Osh/Court Subdivision 10 | 676571.3 | 4861634.8 | | | 0.00E+00 | 0.00E+00 | 0.23 | 0.37 | 0.00E+00 | 0.00E+00 | 63.00 | 0.00E+00 | 0.00E+00 | 0.41 | 127.35 | 0.00E+00 | 0.75 | 0.22 | 34.36 | 0.00E+00 | 0.00E+00 | 4.10 | 36.38 | 1.03 | 0.36 | 124.62 | |
| 66 | Bow. Subdivision 11 | 684649.2 | 4863182.7 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.20 | 0.00E+00 | 0.00E+00 | 34.41 | 0.00E+00 | 0.00E+00 | 0.22 | 69.56 | 0.00E+00 | 0.41 | 0.12 | 18.77 | 0.00E+00 | 0.00E+00 | 2.24 | 19.87 | 0.56 | 0.19 | 68.06 | |
| 67 | Daycare B | 685172.4 | 4863933.1 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.19 | 0.00E+00 | 0.00E+00 | 32.21 | 0.00E+00 | 0.00E+00 | 0.21 | 65.11 | 0.00E+00 | 0.38 | 0.11 | 17.57 | 0.00E+00 | 0.00E+00 | 2.10 | 18.60 | 0.53 | 0.18 | 63.71 | |
| 68 | Daycare C | 685452.0 | 4863104.4 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 25.35 | 0.00E+00 | 0.00E+00 | 0.16 | 51.24 | 0.00E+00 | 0.30 | 0.09 | 13.83 | 0.00E+00 | 0.00E+00 | 1.65 | 14.64 | 0.42 | 0.14 | 50.14 | |
| 69 | Daycare D | 685527.7 | 4864693.3 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.20 | 0.00E+00 | 0.00E+00 | 34.26 | 0.00E+00 | 0.00E+00 | 0.22 | 69.26 | 0.00E+00 | 0.41 | 0.12 | 18.69 | 0.00E+00 | 0.00E+00 | 2.23 | 19.78 | 0.56 | 0.19 | 67.77 | |
| 70 | Daycare E | 685735.4 | 4864790.8 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.19 | 0.00E+00 | 0.00E+00 | 32.25 | 0.00E+00 | 0.00E+00 | 0.21 | 65.20 | 0.00E+00 | 0.38 | 0.11 | 17.59 | 0.00E+00 | 0.00E+00 | 2.10 | 18.62 | 0.53 | 0.18 | 63.79 | |
| 71 | Daycare F | 685520.3 | 4864854.3 | | | 0.00E+00 | 0.00E+00 | 0.13 | 0.20 | 0.00E+00 | 0.00E+00 | 34.79 | 0.00E+00 | 0.00E+00 | 0.23 | 70.34 | 0.00E+00 | 0.41 | 0.12 | 18.98 | 0.00E+00 | 0.00E+00 | 2.27 | 20.09 | 0.57 | 0.20 | 68.83 | |
| 72 | Daycare G | 685441.9 | 4864878.0 | | | 0.00E+00 | 0.00E+00 | 0.13 | 0.21 | 0.00E+00 | 0.00E+00 | 35.44 | 0.00E+00 | 0.00E+00 | 0.23 | 71.65 | 0.00E+00 | 0.42 | 0.12 | 19.33 | 0.00E+00 | 0.00E+00 | 2.31 | 20.46 | 0.58 | 0.20 | 70.11 | |
| 73 | Daycare H | 686364.8 | 4864707.8 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 25.03 | 0.00E+00 | 0.00E+00 | 0.16 | 50.60 | 0.00E+00 | 0.30 | 0.09 | 13.65 | 0.00E+00 | 0.00E+00 | 1.63 | 14.45 | 0.41 | 0.14 | 49.51 | |
| 74 | Daycare I | 685721.6 | 4865127.3 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.20 | 0.00E+00 | 0.00E+00 | 33.31 | 0.00E+00 | 0.00E+00 | 0.22 | 67.33 | 0.00E+00 | 0.40 | 0.11 | 18.17 | 0.00E+00 | 0.00E+00 | 2.17 | 19.23 | 0.55 | 0.19 | 65.89 | |
| 75 | Daycare J | 678256.3 | 4863565.4 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.20 | 0.00E+00 | 0.00E+00 | 34.40 | 0.00E+00 | 0.00E+00 | 0.22 | 69.54 | 0.00E+00 | 0.41 | 0.12 | 18.76 | 0.00E+00 | 0.00E+00 | 2.24 | 19.86 | 0.56 | 0.19 | 68.04 | |
| 76 | Daycare K | 677694.1 | 4864043.7 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.16 | 0.00E+00 | 0.00E+00 | 27.40 | 0.00E+00 | 0.00E+00 | 0.18 | 55.39 | 0.00E+00 | 0.33 | 0.09 | 14.95 | 0.00E+00 | 0.00E+00 | 1.78 | 15.82 | 0.45 | 0.15 | 54.20 | |
| 77 | Daycare L | 676479.5 | 4862526.2 | | | 0.00E+00 | 0.00E+00 | 0.16 | 0.26 | 0.00E+00 | 0.00E+00 | 45.10 | 0.00E+00 | 0.00E+00 | 0.29 | 91.17 | 0.00E+00 | 0.54 | 0.15 | 24.60 | 0.00E+00 | 0.00E+00 | 2.94 | 26.04 | 0.74 | 0.25 | 89.21 | |
| 78 | Daycare M | 678320.9 | 4864763.5 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.17 | 0.00E+00 | 0.00E+00 | 29.08 | 0.00E+00 | 0.00E+00 | 0.19 | 58.79 | 0.00E+00 | 0.35 | 0.10 | 15.86 | 0.00E+00 | 0.00E+00 | 1.89 | 16.79 | 0.48 | 0.16 | 57.52 | |
| 79 | Daycare N | 678513.4 | 4865058.0 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.18 | 0.00E+00 | 0.00E+00 | 30.71 | 0.00E+00 | 0.00E+00 | 0.20 | 62.08 | 0.00E+00 | 0.37 | 0.10 | 16.75 | 0.00E+00 | 0.00E+00 | 2.00 | 17.73 | 0.50 | 0.17 | 60.74 | |
| 80 | Daycare O | 672788.7 | 4863936.6 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.16 | 0.00E+00 | 0.00E+00 | 26.60 | 0.00E+00 | 0.00E+00 | 0.17 | 53.77 | 0.00E+00 | 0.32 | 0.09 | 14.51 | 0.00E+00 | 0.00E+00 | 1.73 | 15.36 | 0.44 | 0.15 | 52.61 | |
| 81 | Daycare P | 673952.8 | 4863592.5 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.17 | 0.00E+00 | 0.00E+00 | 29.82 | 0.00E+00 | 0.00E+00 | 0.19 | 60.29 | 0.00E+00 | 0.35 | 0.10 | 16.27 | 0.00E+00 | 0.00E+00 | 1.94 | 17.22 | 0.49 | 0.17 | 59.00 | |
| 82 | Daycare Q | 671751.8 | 4864887.7 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.11 | 0.00E+00 | 0.00E+00 | 19.61 | 0.00E+00 | 0.00E+00 | 0.13 | 39.64 | 0.00E+00 | 0.23 | 0.07 | 10.70 | 0.00E+00 | 0.00E+00 | 1.28 | 11.32 | 0.32 | 0.11 | 38.79 | |
| 83 | Daycare R | 685714.4 | 4864667.4 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.19 | 0.00E+00 | 0.00E+00 | 32.01 | 0.00E+00 | 0.00E+00 | 0.21 | 64.70 | 0.00E+00 | 0.38 | 0.11 | 17.46 | 0.00E+00 | 0.00E+00 | 2.08 | 18.48 | 0.52 | 0.18 | 63.31 | |
| 84 | Daycare S | 684177.9 | 4863618.2 | | | 0.00E+00 | 0.00E+00 | 0.19 | 0.30 | 0.00E+00 | 0.00E+00 | 51.35 | 0.00E+00 | 0.00E+00 | 0.33 | 103.81 | 0.00E+00 | 0.61 | 0.18 | 28.01 | 0.00E+00 | 0.00E+00 | 3.34 | 29.65 | 0.84 | 0.29 | 101.58 | |
| 85 | Daycare T | 678423.6 | 4864480.4 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.18 | 0.00E+00 | 0.00E+00 | 30.71 | 0.00E+00 | 0.00E+00 | 0.20 | 62.09 | 0.00E+00 | 0.37 | 0.10 | 16.75 | 0.00E+00 | 0.00E+00 | 2.00 | 17.73 | 0.50 | 0.17 | 60.76 | |
| 86 | Daycare U | 685330.5 | 4863435.1 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.17 | 0.00E+00 | 0.00E+00 | 28.70 | 0.00E+00 | 0.00E+00 | 0.19 | 58.03 | 0.00E+00 | 0.34 | 0.10 | 15.66 | 0.00E+00 | 0.00E+00 | 1.87 | 16.57 | 0.47 | 0.16 | 56.78 | |
| 87 | Daycare V | 685153.2 | 4863236.9 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.18 | 0.00E+00 | 0.00E+00 | 29.92 | 0.00E+00 | 0.00E+00 | 0.19 | 60.49 | 0.00E+00 | 0.36 | 0.10 | 16.32 | 0.00E+00 | 0.00E+00 | 1.95 | 17.28 | 0.49 | 0.17 | 59.19 | |
| 88 | Daycare W | 672679.0 | 4862044.9 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.14 | 0.00E+00 | 0.00E+00 | 23.06 | 0.00E+00 | 0.00E+00 | 0.15 | 46.61 | 0.00E+00 | 0.27 | 0.08 | 12.58 | 0.00E+00 | 0.00E+00 | 1.50 | 13.31 | 0.38 | 0.13 | 45.61 | |
| 89 | Daycare X | 672076.5 | 4865285.8 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 16.90 | 0.00E+00 | 0.00E+00 | 0.11 | 34.16 | 0.00E+00 | 0.20 | 0.06 | 9.22 | 0.00E+00 | 0.00E+00 | 1.10 | 9.76 | 0.28 | 0.10 | 33.43 | |
| 90 | Daycare Y | 672638.0 | 4859664.4 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 16.79 | 0.00E+00 | 0.00E+00 | 0.11 | 33.95 | 0.00E+00 | 0.20 | 0.06 | 9.16 | 0.00E+00 | 0.00E+00 | 1.09 | 9.70 | 0.28 | 0.09 | 33.22 | |
| 91 | Daycare Z | 673735.9 | 4858958.0 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 16.44 | 0.00E+00 | 0.00E+00 | 0.1 | | | | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Butadiene, 1,3 - | Butanone, 2 - | Carbon tetrachloride | Chloroform | Cumene | Dibromochloromethane | Dichlorodifluoromethane | Dichloroethane, 1,2 - | Dichloroethane, trans - 1,2 - | Dichloroethene, 1,1 - | Dichloromethane | Dichloropropane, 1,2 - | Ethylbenzene | Ethylene Dibromide | Formaldehyde | Mesitylene | Styrene | Tetrachloroethene | Toluene | Trichloroethane, 1,1,1 - | Trichloroethene | Trichlorofluoromethane | | | | |
|----------|------------------------|--|-----------|-------------|----------------------------------|----------------------------------|---------------|----------------------|------------|----------|----------------------|-------------------------|-----------------------|-------------------------------|-----------------------|-----------------|------------------------|--------------|--------------------|--------------|------------|----------|-------------------|----------|--------------------------|-----------------|------------------------|----------|----------|----------|----------|
| | | (m) | (m) | | | Vapour (V)/Particulate (P) Phase | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | Updated Facility Contaminant Emission Rate (g/s) | | | | | | | | | 3.70E-05 | 5.96E-05 | | | | 0.01 | | | 6.61E-05 | 0.02 | | | 1.21E-04 | 3.48E-05 | 5.55E-03 | | | 6.63E-04 | 5.88E-03 | 1.67E-04 | 5.75E-05 |
| 111 | Comm. Resp. Services | 676045.4 | 4863902.5 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.17 | 0.00E+00 | 0.00E+00 | 29.07 | 0.00E+00 | 0.00E+00 | 0.19 | 58.76 | 0.00E+00 | 0.35 | 0.10 | 15.86 | 0.00E+00 | 0.00E+00 | 1.89 | 16.78 | 0.48 | 0.16 | 57.50 | | | | |
| 112 | Hospital | 671712.7 | 4862364.1 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.12 | 0.00E+00 | 0.00E+00 | 20.29 | 0.00E+00 | 0.00E+00 | 0.13 | 41.02 | 0.00E+00 | 0.24 | 0.07 | 11.07 | 0.00E+00 | 0.00E+00 | 1.32 | 11.72 | 0.33 | 0.11 | 40.14 | | | | |
| 113 | Retirement Residence A | 684199.9 | 4864120.3 | | | 0.00E+00 | 0.00E+00 | 0.18 | 0.29 | 0.00E+00 | 0.00E+00 | 48.93 | 0.00E+00 | 0.00E+00 | 0.32 | 98.92 | 0.00E+00 | 0.58 | 0.17 | 26.69 | 0.00E+00 | 0.00E+00 | 3.19 | 28.25 | 0.80 | 0.28 | 96.80 | | | | |
| 114 | Retirement Residence B | 685483.9 | 4865150.9 | | | 0.00E+00 | 0.00E+00 | 0.13 | 0.20 | 0.00E+00 | 0.00E+00 | 34.97 | 0.00E+00 | 0.00E+00 | 0.23 | 70.69 | 0.00E+00 | 0.42 | 0.12 | 19.07 | 0.00E+00 | 0.00E+00 | 2.28 | 20.19 | 0.57 | 0.20 | 69.17 | | | | |
| 115 | Retirement Residence C | 686844.0 | 4864732.1 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.13 | 0.00E+00 | 0.00E+00 | 22.11 | 0.00E+00 | 0.00E+00 | 0.14 | 44.70 | 0.00E+00 | 0.26 | 0.08 | 12.06 | 0.00E+00 | 0.00E+00 | 1.44 | 12.77 | 0.36 | 0.12 | 43.74 | | | | |
| 116 | Retirement Residence D | 673481.7 | 4863343.4 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.19 | 0.00E+00 | 0.00E+00 | 32.78 | 0.00E+00 | 0.00E+00 | 0.21 | 66.27 | 0.00E+00 | 0.39 | 0.11 | 17.88 | 0.00E+00 | 0.00E+00 | 2.13 | 18.93 | 0.54 | 0.19 | 64.84 | | | | |
| 117 | Retirement Residence E | 671825.2 | 4864399.0 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.13 | 0.00E+00 | 0.00E+00 | 22.86 | 0.00E+00 | 0.00E+00 | 0.15 | 46.22 | 0.00E+00 | 0.27 | 0.08 | 12.47 | 0.00E+00 | 0.00E+00 | 1.49 | 13.20 | 0.37 | 0.13 | 45.23 | | | | |
| 118 | Retirement Residence F | 671606.3 | 4864536.0 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.13 | 0.00E+00 | 0.00E+00 | 21.90 | 0.00E+00 | 0.00E+00 | 0.14 | 44.27 | 0.00E+00 | 0.26 | 0.07 | 11.95 | 0.00E+00 | 0.00E+00 | 1.43 | 12.64 | 0.36 | 0.12 | 43.32 | | | | |
| 119 | Retirement Residence G | 671357.1 | 4862958.7 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.14 | 0.00E+00 | 0.00E+00 | 23.09 | 0.00E+00 | 0.00E+00 | 0.15 | 46.68 | 0.00E+00 | 0.27 | 0.08 | 12.60 | 0.00E+00 | 0.00E+00 | 1.50 | 13.33 | 0.38 | 0.13 | 45.67 | | | | |
| 120 | Retirement Residence H | 671514.0 | 4862262.9 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.11 | 0.00E+00 | 0.00E+00 | 19.46 | 0.00E+00 | 0.00E+00 | 0.13 | 39.34 | 0.00E+00 | 0.23 | 0.07 | 10.61 | 0.00E+00 | 0.00E+00 | 1.27 | 11.24 | 0.32 | 0.11 | 38.49 | | | | |
| 121 | Retirement Residence I | 672602.2 | 4863075.9 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.18 | 0.00E+00 | 0.00E+00 | 30.74 | 0.00E+00 | 0.00E+00 | 0.20 | 62.15 | 0.00E+00 | 0.37 | 0.11 | 16.77 | 0.00E+00 | 0.00E+00 | 2.00 | 17.75 | 0.50 | 0.17 | 60.81 | | | | |
| 122 | Retirement Residence J | 671719.1 | 4862893.1 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.14 | 0.00E+00 | 0.00E+00 | 24.64 | 0.00E+00 | 0.00E+00 | 0.16 | 49.81 | 0.00E+00 | 0.29 | 0.08 | 13.44 | 0.00E+00 | 0.00E+00 | 1.60 | 14.23 | 0.40 | 0.14 | 48.74 | | | | |
| 123 | Retirement Residence K | 686718.0 | 4865648.7 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.16 | 0.00E+00 | 0.00E+00 | 26.97 | 0.00E+00 | 0.00E+00 | 0.18 | 54.53 | 0.00E+00 | 0.32 | 0.09 | 14.71 | 0.00E+00 | 0.00E+00 | 1.76 | 15.58 | 0.44 | 0.15 | 53.36 | | | | |
| 124 | Retirement Residence L | 676168.7 | 4865669.9 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.13 | 0.00E+00 | 0.00E+00 | 22.36 | 0.00E+00 | 0.00E+00 | 0.15 | 45.21 | 0.00E+00 | 0.27 | 0.08 | 12.20 | 0.00E+00 | 0.00E+00 | 1.46 | 12.91 | 0.37 | 0.13 | 44.24 | | | | |
| 125 | Retirement Residence M | 676118.5 | 4863980.7 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.17 | 0.00E+00 | 0.00E+00 | 29.67 | 0.00E+00 | 0.00E+00 | 0.19 | 59.98 | 0.00E+00 | 0.35 | 0.10 | 16.18 | 0.00E+00 | 0.00E+00 | 1.93 | 17.13 | 0.49 | 0.17 | 58.69 | | | | |
| 126 | Bow. Subdivision 12 | 684649.2 | 4863182.7 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.20 | 0.00E+00 | 0.00E+00 | 34.40 | 0.00E+00 | 0.00E+00 | 0.22 | 69.54 | 0.00E+00 | 0.41 | 0.12 | 18.76 | 0.00E+00 | 0.00E+00 | 2.24 | 19.86 | 0.56 | 0.19 | 68.04 | | | | |
| 127 | Primary School B | 685384.8 | 4863575.3 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.17 | 0.00E+00 | 0.00E+00 | 28.44 | 0.00E+00 | 0.00E+00 | 0.18 | 57.50 | 0.00E+00 | 0.34 | 0.10 | 15.52 | 0.00E+00 | 0.00E+00 | 1.85 | 16.42 | 0.47 | 0.16 | 56.27 | | | | |
| 128 | Primary School C | 685021.6 | 4863952.9 | | | 0.00E+00 | 0.00E+00 | 0.13 | 0.21 | 0.00E+00 | 0.00E+00 | 35.91 | 0.00E+00 | 0.00E+00 | 0.23 | 72.59 | 0.00E+00 | 0.43 | 0.12 | 19.59 | 0.00E+00 | 0.00E+00 | 2.34 | 20.73 | 0.59 | 0.20 | 71.03 | | | | |
| 129 | Primary School D | 686237.0 | 4864085.5 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.14 | 0.00E+00 | 0.00E+00 | 24.34 | 0.00E+00 | 0.00E+00 | 0.16 | 49.21 | 0.00E+00 | 0.29 | 0.08 | 13.28 | 0.00E+00 | 0.00E+00 | 1.59 | 14.06 | 0.40 | 0.14 | 48.15 | | | | |
| 130 | Primary School E | 686719.0 | 4863734.7 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.12 | 0.00E+00 | 0.00E+00 | 19.78 | 0.00E+00 | 0.00E+00 | 0.13 | 39.99 | 0.00E+00 | 0.24 | 0.07 | 10.79 | 0.00E+00 | 0.00E+00 | 1.29 | 11.42 | 0.32 | 0.11 | 39.14 | | | | |
| 131 | Primary School F | 686357.0 | 4864754.9 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 25.76 | 0.00E+00 | 0.00E+00 | 0.17 | 52.07 | 0.00E+00 | 0.31 | 0.09 | 14.05 | 0.00E+00 | 0.00E+00 | 1.68 | 14.87 | 0.42 | 0.15 | 50.95 | | | | |
| 132 | Primary School G | 685502.0 | 4865013.4 | | | 0.00E+00 | 0.00E+00 | 0.13 | 0.21 | 0.00E+00 | 0.00E+00 | 35.37 | 0.00E+00 | 0.00E+00 | 0.23 | 71.51 | 0.00E+00 | 0.42 | 0.12 | 19.30 | 0.00E+00 | 0.00E+00 | 2.30 | 20.43 | 0.58 | 0.20 | 69.98 | | | | |
| 133 | Primary School H | 686726.7 | 4866061.5 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.16 | 0.00E+00 | 0.00E+00 | 27.26 | 0.00E+00 | 0.00E+00 | 0.18 | 55.12 | 0.00E+00 | 0.32 | 0.09 | 14.87 | 0.00E+00 | 0.00E+00 | 1.78 | 15.74 | 0.45 | 0.15 | 53.93 | | | | |
| 134 | Primary School I | 685186.2 | 4866568.2 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.17 | 0.00E+00 | 0.00E+00 | 29.43 | 0.00E+00 | 0.00E+00 | 0.19 | 59.49 | 0.00E+00 | 0.35 | 0.10 | 16.05 | 0.00E+00 | 0.00E+00 | 1.92 | 16.99 | 0.48 | 0.17 | 58.22 | | | | |
| 135 | Primary School J | 685965.3 | 4866979.0 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.16 | 0.00E+00 | 0.00E+00 | 26.49 | 0.00E+00 | 0.00E+00 | 0.17 | 53.54 | 0.00E+00 | 0.32 | 0.09 | 14.45 | 0.00E+00 | 0.00E+00 | 1.72 | 15.29 | 0.43 | 0.15 | 52.39 | | | | |
| 136 | Primary School K | 677709.9 | 4864726.5 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 25.72 | 0.00E+00 | 0.00E+00 | 0.17 | 52.00 | 0.00E+00 | 0.31 | 0.09 | 14.03 | 0.00E+00 | 0.00E+00 | 1.68 | 14.85 | 0.42 | 0.15 | 50.89 | | | | |
| 137 | Primary School L | 675988.3 | 4864270.2 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.17 | 0.00E+00 | 0.00E+00 | 28.62 | 0.00E+00 | 0.00E+00 | 0.19 | 57.86 | 0.00E+00 | 0.34 | 0.10 | 15.61 | 0.00E+00 | 0.00E+00 | 1.86 | 16.53 | 0.47 | 0.16 | 56.62 | | | | |
| 138 | Primary School M | 676608.7 | 4862739.0 | | | 0.00E+00 | 0.00E+00 | 0.15 | 0.24 | 0.00E+00 | 0.00E+00 | 40.15 | 0.00E+00 | 0.00E+00 | 0.26 | 81.16 | 0.00E+00 | 0.48 | 0.14 | 21.90 | 0.00E+00 | 0.00E+00 | 2.61 | 23.18 | 0.66 | 0.23 | 79.41 | | | | |
| 139 | Primary School N | 677222.2 | 4863759.1 | | | 0.00E+00 | 0.00E+00 | 0.15 | 0.24 | 0.00E+00 | 0.00E+00 | 40.44 | 0.00E+00 | 0.00E+00 | 0.26 | 81.76 | 0.00E+00 | 0.48 | 0.14 | 22.06 | 0.00E+00 | 0.00E+00 | 2.63 | 23.35 | 0.66 | 0.23 | 80.00 | | | | |
| 140 | Primary School O | 678154.9 | 4863872.7 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.19 | 0.00E+00 | 0.00E+00 | 31.75 | 0.00E+00 | 0.00E+00 | 0.21 | 64.18 | 0.00E+00 | 0.38 | 0.11 | 17.32 | 0.00E+00 | 0.00E+00 | 2.07 | 18.33 | 0.52 | 0.18 | 62.80 | | | | |
| 141 | Court. Subdivision 12 | 678309.6 | 4863600.8 | | | 0.00E+00 | 0.00E+00 | 0.13 | 0.20 | 0.00E+00 | 0.00E+00 | 34.55 | 0.00E+00 | 0.00E+00 | 0.22 | 69.86 | 0.00E+00 | 0.41 | 0.12 | 18.85 | 0.00E+00 | 0.00E+00 | 2.25 | 19.95 | 0.57 | 0.20 | 68.35 | | | | |
| 142 | Primary School Q | 677010.6 | 4862470.6 | | | 0.00E+00 | 0.00E+00 | 0.17 | 0.27 | 0.00E+00 | 0.00E+00 | 45.56 | 0.00E+00 | 0.00E+00 | 0.30 | 92.11 | 0.00E+00 | 0.54 | 0.16 | 24.85 | 0.00E+00 | 0.00E+00 | 2.97 | 26.31 | 0.75 | 0.26 | 90.13 | | | | |
| 143 | Primary School R | 677431.3 | 4866694.7 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.12 | 0.00E+00 | 0.00E+00 | 20.05 | 0.00E+00 | 0.00E+00 | 0.13 | 40.54 | 0.00E+00 | 0.24 | 0.07 | 10.94 | 0.00E+00 | 0.00E+00 | 1.31 | 11.58 | 0.33 | 0.11 | 39.67 | | | | |
| 144 | Primary School S | 675266.2 | 4863562.9 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.16 | 0.00E+00 | 0.00E+00 | 27.89 | 0.00E+00 | 0.00E+00 | 0.18 | 56.37 | 0.00E+00 | 0.33 | 0.10 | 15.21 | 0.00E+00 | 0.00E+00 | 1.82 | 16.10 | 0.46 | 0.16 | 55.16 | | | | |
| 145 | Primary School T | 673479.2 | 4860029.4 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.13 | 0.00E+00 | 0.00E+00 | 21.99 | 0.00E+00 | 0.00E+00 | 0.14 | 44.45 | 0.00E+00 | 0.26 | 0.08 | 11.99 | 0.00E+00 | 0.00E+00 | 1.43 | 12.70 | 0.36 | 0.12 | 43.49 | | | | |
| 146 | Primary School U | 670856.0 | 4860710.6 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 17.44 | 0.00E+00 | 0.00E+00 | 0.11 | 35.26 | 0.00E+00 | 0.21 | 0.06 | 9.51 | 0.00E+00 | 0.00E+00 | 1.14 | 10.07 | 0.29 | 0.10 | 34.50 | | | | |
| 147 | Primary School V | 672660.2 | 4863909.2 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.16 | 0.00E+00 | 0.00E+00 | 26.88 | 0.00E+00 | 0.00E+00 | 0.17 | 54.34 | 0.00E+00 | 0.32 | 0.09 | 14.66 | 0.00E+00 | 0.00E+00 | 1.75 | 15.52 | 0.44 | 0.15 | 53.17 | | | | |
| 148 | Primary School W | 672735.2 | 4859232.9 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.09 | 0.00E+00 | 0.00E+00 | 15.49 | 0.00E+00 | 0.00E+00 | 0.10 | 31.32 | 0.00E+00 | 0.18 | 0.05 | 8.45 | 0.00E+00 | 0.00E+00 | 1.01 | 8.94 | 0.25 | 0.09 | 30.64 | | | | |
| 149 | Primary School X | 673575.8 | 4862688.6 | | | 0.00E+00 | 0.00E+00 | 0.13 | 0.21 | 0.00E+00 | 0.00E+00 | 35.48 | 0.00E+00 | 0.00E+00 | 0.23 | 71.73 | 0.00E+00 | 0.42 | 0.12 | 19.36 | 0.00E+00 | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Butadiene, 1,3 - | Butanone, 2 - | Carbon tetrachloride | Chloroform | Cumene | Dibromochloromethane | Dichlorodifluoromethane | Dichloroethane, 1,2 - | Dichloroethane, trans - 1,2 - | Dichloroethene, 1,1 - | Dichloromethane | Dichloropropane, 1,2 - | Ethylbenzene | Ethylene Dibromide | Formaldehyde | Mesitylene | Styrene | Tetrachloroethene | Toluene | Trichloroethane, 1,1,1 - | Trichloroethene | Trichlorofluoromethane | | | | | | |
|----------|---------------------|----------|-----------|-------------|----------------------------------|--|---------------|----------------------|------------|----------|----------------------|-------------------------|-----------------------|-------------------------------|-----------------------|-----------------|------------------------|--------------|--------------------|--------------|------------|----------|-------------------|----------|--------------------------|-----------------|------------------------|----------|----------|----------|------|---|---|
| | | | | | | Vapour (V)/Particulate (P) Phase | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | | Updated Facility Contaminant Emission Rate (g/s) | | | 3.70E-05 | 5.96E-05 | | | | 0.01 | | | | 6.61E-05 | 0.02 | | | 1.21E-04 | 3.48E-05 | 5.55E-03 | | | 6.63E-04 | 5.88E-03 | 1.67E-04 | 5.75E-05 | 0.02 | | |
| 166 | Primary School OO | 675474.8 | 4863221.7 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.18 | 0.00E+00 | 0.00E+00 | 31.32 | 0.00E+00 | 0.00E+00 | 0.20 | 63.31 | 0.00E+00 | 0.37 | 0.11 | 17.08 | 0.00E+00 | 0.00E+00 | 2.04 | 18.08 | 0.51 | 0.18 | 61.95 | | | | | | |
| 167 | Primary School PP | 672441.8 | 4858748.6 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 13.44 | 0.00E+00 | 0.00E+00 | 0.09 | 27.16 | 0.00E+00 | 0.16 | 0.05 | 7.33 | 0.00E+00 | 0.00E+00 | 0.88 | 7.76 | 0.22 | 0.08 | 26.58 | | | | | | |
| 168 | Primary School QQ | 672796.8 | 4864438.2 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.13 | 0.00E+00 | 0.00E+00 | 22.03 | 0.00E+00 | 0.00E+00 | 0.14 | 44.53 | 0.00E+00 | 0.26 | 0.08 | 12.02 | 0.00E+00 | 0.00E+00 | 1.43 | 12.72 | 0.36 | 0.12 | 43.57 | | | | | | |
| 169 | Primary School RR | 671351.4 | 4863284.0 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 24.89 | 0.00E+00 | 0.00E+00 | 0.16 | 50.32 | 0.00E+00 | 0.30 | 0.09 | 13.58 | 0.00E+00 | 0.00E+00 | 1.62 | 14.37 | 0.41 | 0.14 | 49.24 | | | | | | |
| 170 | Primary School SS | 673213.9 | 4862125.5 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.16 | 0.00E+00 | 0.00E+00 | 26.99 | 0.00E+00 | 0.00E+00 | 0.18 | 54.56 | 0.00E+00 | 0.32 | 0.09 | 14.72 | 0.00E+00 | 0.00E+00 | 1.76 | 15.58 | 0.44 | 0.15 | 53.39 | | | | | | |
| 171 | Primary School TT | 671017.9 | 4860953.7 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.11 | 0.00E+00 | 0.00E+00 | 19.42 | 0.00E+00 | 0.00E+00 | 0.13 | 39.26 | 0.00E+00 | 0.23 | 0.07 | 10.59 | 0.00E+00 | 0.00E+00 | 1.26 | 11.21 | 0.32 | 0.11 | 38.41 | | | | | | |
| 172 | Primary School UU | 670991.0 | 4861089.8 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.12 | 0.00E+00 | 0.00E+00 | 20.01 | 0.00E+00 | 0.00E+00 | 0.13 | 40.45 | 0.00E+00 | 0.24 | 0.07 | 10.91 | 0.00E+00 | 0.00E+00 | 1.30 | 11.55 | 0.33 | 0.11 | 39.58 | | | | | | |
| 173 | Primary School VV | 674150.1 | 4862294.8 | | | 0.00E+00 | 0.00E+00 | 0.14 | 0.22 | 0.00E+00 | 0.00E+00 | 37.74 | 0.00E+00 | 0.00E+00 | 0.25 | 76.30 | 0.00E+00 | 0.45 | 0.13 | 20.59 | 0.00E+00 | 0.00E+00 | 2.46 | 21.79 | 0.62 | 0.21 | 74.66 | | | | | | |
| 174 | Primary School WW | 672005.2 | 4861707.9 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.12 | 0.00E+00 | 0.00E+00 | 19.95 | 0.00E+00 | 0.00E+00 | 0.13 | 40.32 | 0.00E+00 | 0.24 | 0.07 | 10.88 | 0.00E+00 | 0.00E+00 | 1.30 | 11.52 | 0.33 | 0.11 | 39.46 | | | | | | |
| 175 | Primary School XX | 684172.1 | 4863615.6 | | | 0.00E+00 | 0.00E+00 | 0.19 | 0.30 | 0.00E+00 | 0.00E+00 | 51.40 | 0.00E+00 | 0.00E+00 | 0.33 | 103.92 | 0.00E+00 | 0.61 | 0.18 | 28.04 | 0.00E+00 | 0.00E+00 | 3.35 | 29.68 | 0.84 | 0.29 | 101.69 | | | | | | |
| 176 | Primary School YY | 683923.3 | 4866636.4 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.17 | 0.00E+00 | 0.00E+00 | 29.66 | 0.00E+00 | 0.00E+00 | 0.19 | 59.97 | 0.00E+00 | 0.35 | 0.10 | 16.18 | 0.00E+00 | 0.00E+00 | 1.93 | 17.13 | 0.49 | 0.17 | 58.68 | | | | | | |
| 177 | Primary School ZZ | 680446.0 | 4865770.5 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 25.63 | 0.00E+00 | 0.00E+00 | 0.17 | 51.81 | 0.00E+00 | 0.30 | 0.09 | 13.98 | 0.00E+00 | 0.00E+00 | 1.67 | 14.80 | 0.42 | 0.14 | 50.69 | | | | | | |
| 178 | Vacant School | 685612.9 | 4864520.0 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.19 | 0.00E+00 | 0.00E+00 | 32.53 | 0.00E+00 | 0.00E+00 | 0.21 | 65.77 | 0.00E+00 | 0.39 | 0.11 | 17.75 | 0.00E+00 | 0.00E+00 | 2.12 | 18.79 | 0.53 | 0.18 | 64.36 | | | | | | |
| 179 | Secondary School A | 686291.4 | 4865064.3 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.17 | 0.00E+00 | 0.00E+00 | 28.51 | 0.00E+00 | 0.00E+00 | 0.19 | 57.63 | 0.00E+00 | 0.34 | 0.10 | 15.55 | 0.00E+00 | 0.00E+00 | 1.86 | 16.46 | 0.47 | 0.16 | 56.39 | | | | | | |
| 180 | Secondary School B | 683875.0 | 4864741.7 | | | 0.00E+00 | 0.00E+00 | 0.16 | 0.26 | 0.00E+00 | 0.00E+00 | 44.00 | 0.00E+00 | 0.00E+00 | 0.29 | 88.96 | 0.00E+00 | 0.52 | 0.15 | 24.00 | 0.00E+00 | 0.00E+00 | 2.87 | 25.41 | 0.72 | 0.25 | 87.04 | | | | | | |
| 181 | Secondary School C | 684650.3 | 4866460.3 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.18 | 0.00E+00 | 0.00E+00 | 30.44 | 0.00E+00 | 0.00E+00 | 0.20 | 61.54 | 0.00E+00 | 0.36 | 0.10 | 16.61 | 0.00E+00 | 0.00E+00 | 1.98 | 17.58 | 0.50 | 0.17 | 60.22 | | | | | | |
| 182 | Secondary School D | 678099.5 | 4864838.2 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.16 | 0.00E+00 | 0.00E+00 | 27.04 | 0.00E+00 | 0.00E+00 | 0.18 | 54.66 | 0.00E+00 | 0.32 | 0.09 | 14.75 | 0.00E+00 | 0.00E+00 | 1.76 | 15.61 | 0.44 | 0.15 | 53.49 | | | | | | |
| 183 | Secondary School E | 678467.0 | 4863431.2 | | | 0.00E+00 | 0.00E+00 | 0.13 | 0.22 | 0.00E+00 | 0.00E+00 | 37.13 | 0.00E+00 | 0.00E+00 | 0.24 | 75.05 | 0.00E+00 | 0.44 | 0.13 | 20.25 | 0.00E+00 | 0.00E+00 | 2.42 | 21.44 | 0.61 | 0.21 | 73.44 | | | | | | |
| 184 | Secondary School F | 674144.9 | 4862762.7 | | | 0.00E+00 | 0.00E+00 | 0.14 | 0.23 | 0.00E+00 | 0.00E+00 | 39.26 | 0.00E+00 | 0.00E+00 | 0.25 | 79.36 | 0.00E+00 | 0.47 | 0.13 | 21.41 | 0.00E+00 | 0.00E+00 | 2.56 | 22.67 | 0.64 | 0.22 | 77.65 | | | | | | |
| 185 | Secondary School G | 673816.0 | 4864357.1 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.13 | 0.00E+00 | 0.00E+00 | 21.42 | 0.00E+00 | 0.00E+00 | 0.14 | 43.31 | 0.00E+00 | 0.25 | 0.07 | 11.69 | 0.00E+00 | 0.00E+00 | 1.40 | 12.37 | 0.35 | 0.12 | 42.38 | | | | | | |
| 186 | Secondary School H | 673145.4 | 4858569.0 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.09 | 0.00E+00 | 0.00E+00 | 14.87 | 0.00E+00 | 0.00E+00 | 0.10 | 30.06 | 0.00E+00 | 0.18 | 0.05 | 8.11 | 0.00E+00 | 0.00E+00 | 0.97 | 8.59 | 0.24 | 0.08 | 29.41 | | | | | | |
| 187 | Secondary School I | 671291.7 | 4863581.3 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 25.32 | 0.00E+00 | 0.00E+00 | 0.16 | 51.18 | 0.00E+00 | 0.30 | 0.09 | 13.81 | 0.00E+00 | 0.00E+00 | 1.65 | 14.62 | 0.42 | 0.14 | 50.08 | | | | | | |
| 188 | Secondary School J | 671443.2 | 4861664.9 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.11 | 0.00E+00 | 0.00E+00 | 19.15 | 0.00E+00 | 0.00E+00 | 0.12 | 38.71 | 0.00E+00 | 0.23 | 0.07 | 10.45 | 0.00E+00 | 0.00E+00 | 1.25 | 11.06 | 0.31 | 0.11 | 37.88 | | | | | | |
| 189 | Secondary School K | 673235.3 | 4860885.0 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.16 | 0.00E+00 | 0.00E+00 | 27.11 | 0.00E+00 | 0.00E+00 | 0.18 | 54.80 | 0.00E+00 | 0.32 | 0.09 | 14.79 | 0.00E+00 | 0.00E+00 | 1.77 | 15.65 | 0.44 | 0.15 | 53.62 | | | | | | |
| 190 | Secondary School L | 684252.7 | 4866500.5 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.17 | 0.00E+00 | 0.00E+00 | 29.74 | 0.00E+00 | 0.00E+00 | 0.19 | 60.12 | 0.00E+00 | 0.35 | 0.10 | 16.22 | 0.00E+00 | 0.00E+00 | 1.94 | 17.17 | 0.49 | 0.17 | 58.83 | | | | | | |
| 191 | Secondary School M | 673914.1 | 4859551.7 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.12 | 0.00E+00 | 0.00E+00 | 19.65 | 0.00E+00 | 0.00E+00 | 0.13 | 39.73 | 0.00E+00 | 0.23 | 0.07 | 10.72 | 0.00E+00 | 0.00E+00 | 1.28 | 11.35 | 0.32 | 0.11 | 38.88 | | | | | | |
| 192 | Secondary School N | 675051.5 | 4864177.2 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.13 | 0.00E+00 | 0.00E+00 | 22.54 | 0.00E+00 | 0.00E+00 | 0.15 | 45.58 | 0.00E+00 | 0.27 | 0.08 | 12.30 | 0.00E+00 | 0.00E+00 | 1.47 | 13.02 | 0.37 | 0.13 | 44.60 | | | | | | |
| 193 | Adult School | 685276.1 | 4866019.8 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.19 | 0.00E+00 | 0.00E+00 | 31.92 | 0.00E+00 | 0.00E+00 | 0.21 | 64.54 | 0.00E+00 | 0.38 | 0.11 | 17.41 | 0.00E+00 | 0.00E+00 | 2.08 | 18.43 | 0.52 | 0.18 | 63.15 | | | | | | |
| 194 | Bow. Valley Cons. 1 | 685356.6 | 4864521.2 | | | 0.00E+00 | 0.00E+00 | 0.13 | 0.21 | 0.00E+00 | 0.00E+00 | 35.52 | 0.00E+00 | 0.00E+00 | 0.23 | 71.81 | 0.00E+00 | 0.42 | 0.12 | 19.38 | 0.00E+00 | 0.00E+00 | 2.31 | 20.51 | 0.58 | 0.20 | 70.26 | | | | | | |
| 195 | Bow. Valley Cons. 2 | 685627.7 | 4864167.8 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.17 | 0.00E+00 | 0.00E+00 | 28.78 | 0.00E+00 | 0.00E+00 | 0.19 | 58.18 | 0.00E+00 | 0.34 | 0.10 | 15.70 | 0.00E+00 | 0.00E+00 | 1.87 | 16.62 | 0.47 | 0.16 | 56.93 | | | | | | |
| 196 | Bow. Valley Cons. 4 | 685852.7 | 4863640.2 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 25.09 | 0.00E+00 | 0.00E+00 | 0.16 | 50.71 | 0.00E+00 | 0.30 | 0.09 | 13.68 | 0.00E+00 | 0.00E+00 | 1.63 | 14.49 | 0.41 | 0.14 | 49.62 | | | | | | |
| 197 | Bow. Valley Cons. 5 | 686163.1 | 4863621.5 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.13 | 0.00E+00 | 0.00E+00 | 21.94 | 0.00E+00 | 0.00E+00 | 0.14 | 44.35 | 0.00E+00 | 0.26 | 0.08 | 11.97 | 0.00E+00 | 0.00E+00 | 1.43 | 12.67 | 0.36 | 0.12 | 43.39 | | | | | | |
| 198 | Bow. Valley Cons. 6 | 685931.9 | 4863380.6 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.13 | 0.00E+00 | 0.00E+00 | 22.62 | 0.00E+00 | 0.00E+00 | 0.15 | 45.73 | 0.00E+00 | 0.27 | 0.08 | 12.34 | 0.00E+00 | 0.00E+00 | 1.47 | 13.06 | 0.37 | 0.13 | 44.74 | | | | | | |
| 199 | Maple Grove 1 | 681688.5 | 4864717.0 | | | 0.00E+00 | 0.00E+00 | 0.13 | 0.22 | 0.00E+00 | 0.00E+00 | 36.71 | 0.00E+00 | 0.00E+00 | 0.24 | 74.21 | 0.00E+00 | 0.44 | 0.13 | 20.03 | 0.00E+00 | 0.00E+00 | 2.39 | 21.20 | 0.60 | 0.21 | 72.62 | | | | | | |
| 200 | Maple Grove 2 | 681768.9 | 4864631.8 | | | 0.00E+00 | 0.00E+00 | 0.14 | 0.22 | 0.00E+00 | 0.00E+00 | 37.38 | 0.00E+00 | 0.00E+00 | 0.24 | 75.57 | 0.00E+00 | 0.44 | 0.13 | 20.39 | 0.00E+00 | 0.00E+00 | 2.43 | 21.58 | 0.61 | 0.21 | 73.94 | | | | | | |
| 201 | Maple Grove 3 | 681894.9 | 4864506.8 | | | 0.00E+00 | 0.00E+00 | 0.14 | 0.22 | 0.00E+00 | 0.00E+00 | 38.21 | 0.00E+00 | 0.00E+00 | 0.25 | 77.25 | 0.00E+00 | 0.45 | 0.13 | 20.84 | 0.00E+00 | 0.00E+00 | 2.49 | 22.06 | 0.63 | 0.22 | 75.59 | | | | | | |
| 202 | Maple Grove 4 | 681974.8 | 4864443.2 | | | 0.00E+00 | 0.00E+00 | 0.14 | 0.23 | 0.00E+00 | 0.00E+00 | 39.25 | 0.00E+00 | 0.00E+00 | 0.25 | 79.35 | 0.00E+00 | 0.47 | 0.13 | 21.41 | 0.00E+00 | 0.00E+00 | 2.56 | 22.66 | 0.64 | 0.22 | 77.64 | | | | | | |
| 203 | Maple Grove 5 | 681942.2 | 4864676.7 | | | 0.00E+00 | 0.00E+00 | 0.13 | 0.22 | 0.00E+00 | 0.00E+00 | 36.87 | 0.00E+00 | 0.00E+00 | 0.24 | 74.54 | 0.00E+00 | 0.44 | 0.13 | 20.11 | 0.00E+00 | 0.00E+00 | 2.40 | 21.29 | 0.60 | 0.21 | 72.94 | | | | | | |
| 204 | Maple Grove 6 | 682053.2 | 4864586.2 | | | 0.00E+00 | 0.00E+00 | 0.14 | 0.22 | 0.00E+00 | 0.00E+00 | 38.20 | 0.00E+00 | 0.00E+00 | 0.25 | 77.23 | 0.00E+00 | 0.45 | 0.13 | 20.84 | 0.00E+00 | | | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Butadiene, 1,3 - | Butanone, 2 - | Carbon tetrachloride | Chloroform | Cumene | Dibromochloromethane | Dichlorodifluoromethane | Dichloroethane, 1,2 - | Dichloroethane, trans - 1,2 - | Dichloroethane, 1,1 - | Dichloromethane | Dichloropropane, 1,2 - | Ethylbenzene | Ethylene Dibromide | Formaldehyde | Mesitylene | Styrene | Tetrachloroethene | Toluene | Trichloroethane, 1,1,1 - | Trichloroethene | Trichlorofluoromethane | | | | | | |
|----------|----------------|----------|-----------|-------------|----------------------------------|--|---------------|----------------------|------------|----------|----------------------|-------------------------|-----------------------|-------------------------------|-----------------------|-----------------|------------------------|--------------|--------------------|--------------|------------|----------|-------------------|---------|--------------------------|-----------------|------------------------|----------|----------|----------|------|---|---|
| | | | | | | Vapour (V)/Particulate (P) Phase | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | | Updated Facility Contaminant Emission Rate (g/s) | | | 3.70E-05 | 5.96E-05 | | | | 0.01 | | | | 6.61E-05 | 0.02 | | 1.21E-04 | 3.48E-05 | 5.55E-03 | | | | 6.63E-04 | 5.88E-03 | 1.67E-04 | 5.75E-05 | 0.02 | | |
| 221 | Campground 2 | 678410.2 | 4860148.6 | | | 0.00E+00 | 0.00E+00 | 0.23 | 0.38 | 0.00E+00 | 0.00E+00 | 64.29 | 0.00E+00 | 0.00E+00 | 0.42 | 129.97 | 0.00E+00 | 0.77 | 0.22 | 35.07 | 0.00E+00 | 0.00E+00 | 4.19 | 37.12 | 1.05 | 0.36 | 127.17 | | | | | | |
| 222 | Campground 3 | 678651.0 | 4860054.4 | | | 0.00E+00 | 0.00E+00 | 0.23 | 0.36 | 0.00E+00 | 0.00E+00 | 62.23 | 0.00E+00 | 0.00E+00 | 0.40 | 125.80 | 0.00E+00 | 0.74 | 0.21 | 33.94 | 0.00E+00 | 0.00E+00 | 4.05 | 35.93 | 1.02 | 0.35 | 123.10 | | | | | | |
| 223 | Campground 4 | 678725.9 | 4859860.7 | | | 0.00E+00 | 0.00E+00 | 0.24 | 0.39 | 0.00E+00 | 0.00E+00 | 66.92 | 0.00E+00 | 0.00E+00 | 0.43 | 135.28 | 0.00E+00 | 0.80 | 0.23 | 36.50 | 0.00E+00 | 0.00E+00 | 4.36 | 38.64 | 1.10 | 0.38 | 132.37 | | | | | | |
| 224 | Campground 5 | 678511.1 | 4859808.6 | | | 0.00E+00 | 0.00E+00 | 0.21 | 0.34 | 0.00E+00 | 0.00E+00 | 57.34 | 0.00E+00 | 0.00E+00 | 0.37 | 115.92 | 0.00E+00 | 0.68 | 0.20 | 31.28 | 0.00E+00 | 0.00E+00 | 3.73 | 33.11 | 0.94 | 0.32 | 113.43 | | | | | | |
| 225 | Campground 6 | 678869.5 | 4859696.0 | | | 0.00E+00 | 0.00E+00 | 0.40 | 0.65 | 0.00E+00 | 0.00E+00 | 110.27 | 0.00E+00 | 0.00E+00 | 0.72 | 222.93 | 0.00E+00 | 1.31 | 0.38 | 60.15 | 0.00E+00 | 0.00E+00 | 7.18 | 63.67 | 1.81 | 0.62 | 218.14 | | | | | | |
| 226 | Campground 7 | 678723.9 | 4860201.8 | | | 0.00E+00 | 0.00E+00 | 0.28 | 0.45 | 0.00E+00 | 0.00E+00 | 77.50 | 0.00E+00 | 0.00E+00 | 0.50 | 156.67 | 0.00E+00 | 0.92 | 0.26 | 42.27 | 0.00E+00 | 0.00E+00 | 5.05 | 44.75 | 1.27 | 0.44 | 153.30 | | | | | | |
| 227 | Campground 8 | 678796.0 | 4860011.4 | | | 0.00E+00 | 0.00E+00 | 0.24 | 0.39 | 0.00E+00 | 0.00E+00 | 67.07 | 0.00E+00 | 0.00E+00 | 0.44 | 135.60 | 0.00E+00 | 0.80 | 0.23 | 36.59 | 0.00E+00 | 0.00E+00 | 4.37 | 38.73 | 1.10 | 0.38 | 132.68 | | | | | | |
| 228 | Campground 9 | 678852.7 | 4859854.2 | | | 0.00E+00 | 0.00E+00 | 0.28 | 0.45 | 0.00E+00 | 0.00E+00 | 77.13 | 0.00E+00 | 0.00E+00 | 0.50 | 155.93 | 0.00E+00 | 0.92 | 0.26 | 42.08 | 0.00E+00 | 0.00E+00 | 5.02 | 44.54 | 1.26 | 0.44 | 152.58 | | | | | | |
| 229 | Solina 1 | 681099.6 | 4861677.2 | | | 0.00E+00 | 0.00E+00 | 0.52 | 0.83 | 0.00E+00 | 0.00E+00 | 142.17 | 0.00E+00 | 0.00E+00 | 0.92 | 287.41 | 0.00E+00 | 1.69 | 0.49 | 77.55 | 0.00E+00 | 0.00E+00 | 9.26 | 82.09 | 2.33 | 0.80 | 281.23 | | | | | | |
| 230 | Solina 2 | 681115.7 | 4861857.7 | | | 0.00E+00 | 0.00E+00 | 0.45 | 0.72 | 0.00E+00 | 0.00E+00 | 122.80 | 0.00E+00 | 0.00E+00 | 0.80 | 248.25 | 0.00E+00 | 1.46 | 0.42 | 66.98 | 0.00E+00 | 0.00E+00 | 8.00 | 70.90 | 2.01 | 0.69 | 242.91 | | | | | | |
| 231 | Solina 3 | 680987.4 | 4861983.5 | | | 0.00E+00 | 0.00E+00 | 0.35 | 0.57 | 0.00E+00 | 0.00E+00 | 97.67 | 0.00E+00 | 0.00E+00 | 0.63 | 197.45 | 0.00E+00 | 1.16 | 0.33 | 53.28 | 0.00E+00 | 0.00E+00 | 6.36 | 56.39 | 1.60 | 0.55 | 193.20 | | | | | | |
| 232 | Solina 4 | 680965.0 | 4862068.1 | | | 0.00E+00 | 0.00E+00 | 0.33 | 0.54 | 0.00E+00 | 0.00E+00 | 91.86 | 0.00E+00 | 0.00E+00 | 0.60 | 185.70 | 0.00E+00 | 1.09 | 0.31 | 50.11 | 0.00E+00 | 0.00E+00 | 5.98 | 53.04 | 1.51 | 0.52 | 181.71 | | | | | | |
| 233 | Solina 5 | 681021.5 | 4862086.7 | | | 0.00E+00 | 0.00E+00 | 0.33 | 0.54 | 0.00E+00 | 0.00E+00 | 91.56 | 0.00E+00 | 0.00E+00 | 0.59 | 185.09 | 0.00E+00 | 1.09 | 0.31 | 49.94 | 0.00E+00 | 0.00E+00 | 5.96 | 52.87 | 1.50 | 0.52 | 181.11 | | | | | | |
| 234 | Solina 6 | 680939.8 | 4862124.3 | | | 0.00E+00 | 0.00E+00 | 0.33 | 0.52 | 0.00E+00 | 0.00E+00 | 89.55 | 0.00E+00 | 0.00E+00 | 0.58 | 181.03 | 0.00E+00 | 1.07 | 0.31 | 48.85 | 0.00E+00 | 0.00E+00 | 5.83 | 51.71 | 1.47 | 0.51 | 177.14 | | | | | | |
| 235 | Solina 7 | 680988.2 | 4862183.6 | | | 0.00E+00 | 0.00E+00 | 0.31 | 0.51 | 0.00E+00 | 0.00E+00 | 86.50 | 0.00E+00 | 0.00E+00 | 0.56 | 174.86 | 0.00E+00 | 1.03 | 0.30 | 47.18 | 0.00E+00 | 0.00E+00 | 5.63 | 49.94 | 1.42 | 0.49 | 171.10 | | | | | | |
| 236 | Solina 8 | 680984.6 | 4862209.8 | | | 0.00E+00 | 0.00E+00 | 0.31 | 0.50 | 0.00E+00 | 0.00E+00 | 85.34 | 0.00E+00 | 0.00E+00 | 0.55 | 172.52 | 0.00E+00 | 1.02 | 0.29 | 46.55 | 0.00E+00 | 0.00E+00 | 5.56 | 49.28 | 1.40 | 0.48 | 168.81 | | | | | | |
| 237 | Solina 9 | 680958.6 | 4862294.9 | | | 0.00E+00 | 0.00E+00 | 0.30 | 0.48 | 0.00E+00 | 0.00E+00 | 82.70 | 0.00E+00 | 0.00E+00 | 0.54 | 167.19 | 0.00E+00 | 0.98 | 0.28 | 45.11 | 0.00E+00 | 0.00E+00 | 5.39 | 47.75 | 1.36 | 0.47 | 163.60 | | | | | | |
| 238 | Solina 10 | 680858.0 | 4862324.3 | | | 0.00E+00 | 0.00E+00 | 0.30 | 0.49 | 0.00E+00 | 0.00E+00 | 82.86 | 0.00E+00 | 0.00E+00 | 0.54 | 167.50 | 0.00E+00 | 0.99 | 0.28 | 45.20 | 0.00E+00 | 0.00E+00 | 5.40 | 47.84 | 1.36 | 0.47 | 163.90 | | | | | | |
| 239 | Solina 11 | 680990.3 | 4862403.5 | | | 0.00E+00 | 0.00E+00 | 0.29 | 0.46 | 0.00E+00 | 0.00E+00 | 78.52 | 0.00E+00 | 0.00E+00 | 0.51 | 158.74 | 0.00E+00 | 0.93 | 0.27 | 42.83 | 0.00E+00 | 0.00E+00 | 5.11 | 45.34 | 1.29 | 0.44 | 155.33 | | | | | | |
| 240 | Recreational 1 | 681545.0 | 4860865.0 | | | 0.00E+00 | 0.00E+00 | 0.42 | 0.68 | 0.00E+00 | 0.00E+00 | 115.97 | 0.00E+00 | 0.00E+00 | 0.75 | 234.44 | 0.00E+00 | 1.38 | 0.40 | 63.26 | 0.00E+00 | 0.00E+00 | 7.55 | 66.96 | 1.90 | 0.65 | 229.41 | | | | | | |
| 241 | Recreational 2 | 681563.7 | 4860687.4 | | | 0.00E+00 | 0.00E+00 | 0.40 | 0.64 | 0.00E+00 | 0.00E+00 | 108.81 | 0.00E+00 | 0.00E+00 | 0.71 | 219.97 | 0.00E+00 | 1.29 | 0.37 | 59.35 | 0.00E+00 | 0.00E+00 | 7.09 | 62.83 | 1.78 | 0.61 | 215.24 | | | | | | |
| 242 | Recreational 3 | 681579.7 | 4860610.0 | | | 0.00E+00 | 0.00E+00 | 0.36 | 0.59 | 0.00E+00 | 0.00E+00 | 100.10 | 0.00E+00 | 0.00E+00 | 0.65 | 202.36 | 0.00E+00 | 1.19 | 0.34 | 54.60 | 0.00E+00 | 0.00E+00 | 6.52 | 57.80 | 1.64 | 0.57 | 198.01 | | | | | | |
| 243 | Recreational 6 | 681876.6 | 4860254.4 | | | 0.00E+00 | 0.00E+00 | 0.29 | 0.47 | 0.00E+00 | 0.00E+00 | 80.37 | 0.00E+00 | 0.00E+00 | 0.52 | 162.47 | 0.00E+00 | 0.96 | 0.27 | 43.84 | 0.00E+00 | 0.00E+00 | 5.23 | 46.41 | 1.32 | 0.45 | 158.98 | | | | | | |
| 244 | Recreational 7 | 682166.9 | 4860324.4 | | | 0.00E+00 | 0.00E+00 | 0.24 | 0.39 | 0.00E+00 | 0.00E+00 | 66.16 | 0.00E+00 | 0.00E+00 | 0.43 | 133.74 | 0.00E+00 | 0.79 | 0.23 | 36.09 | 0.00E+00 | 0.00E+00 | 4.31 | 38.20 | 1.08 | 0.37 | 130.87 | | | | | | |
| 245 | Darlington 1 | 679565.4 | 4861052.9 | | | 0.00E+00 | 0.00E+00 | 0.56 | 0.91 | 0.00E+00 | 0.00E+00 | 155.33 | 0.00E+00 | 0.00E+00 | 1.01 | 314.03 | 0.00E+00 | 1.85 | 0.53 | 84.73 | 0.00E+00 | 0.00E+00 | 10.12 | 89.69 | 2.55 | 0.88 | 307.28 | | | | | | |
| 246 | Darlington 2 | 679452.9 | 4861051.4 | | | 0.00E+00 | 0.00E+00 | 0.56 | 0.90 | 0.00E+00 | 0.00E+00 | 153.75 | 0.00E+00 | 0.00E+00 | 1.00 | 310.81 | 0.00E+00 | 1.83 | 0.53 | 83.87 | 0.00E+00 | 0.00E+00 | 10.01 | 88.78 | 2.52 | 0.87 | 304.13 | | | | | | |
| 247 | Darlington 3 | 679130.5 | 4860948.8 | | | 0.00E+00 | 0.00E+00 | 0.68 | 1.10 | 0.00E+00 | 0.00E+00 | 187.12 | 0.00E+00 | 0.00E+00 | 1.22 | 378.29 | 0.00E+00 | 2.23 | 0.64 | 102.07 | 0.00E+00 | 0.00E+00 | 12.19 | 108.05 | 3.07 | 1.06 | 370.16 | | | | | | |
| 248 | Darlington 4 | 679112.6 | 4860941.9 | | | 0.00E+00 | 0.00E+00 | 0.68 | 1.10 | 0.00E+00 | 0.00E+00 | 188.32 | 0.00E+00 | 0.00E+00 | 1.22 | 380.70 | 0.00E+00 | 2.24 | 0.64 | 102.72 | 0.00E+00 | 0.00E+00 | 12.26 | 108.74 | 3.09 | 1.06 | 372.51 | | | | | | |
| 249 | Darlington 5 | 679057.6 | 4860994.1 | | | 0.00E+00 | 0.00E+00 | 0.64 | 1.03 | 0.00E+00 | 0.00E+00 | 175.68 | 0.00E+00 | 0.00E+00 | 1.14 | 355.16 | 0.00E+00 | 2.09 | 0.60 | 95.83 | 0.00E+00 | 0.00E+00 | 11.44 | 101.44 | 2.88 | 0.99 | 347.52 | | | | | | |
| 250 | Darlington 6 | 679075.2 | 4860931.6 | | | 0.00E+00 | 0.00E+00 | 0.68 | 1.10 | 0.00E+00 | 0.00E+00 | 187.51 | 0.00E+00 | 0.00E+00 | 1.22 | 379.07 | 0.00E+00 | 2.23 | 0.64 | 102.28 | 0.00E+00 | 0.00E+00 | 12.21 | 108.27 | 3.07 | 1.06 | 370.92 | | | | | | |
| 251 | Darlington 7 | 678814.3 | 4860843.1 | | | 0.00E+00 | 0.00E+00 | 0.49 | 0.80 | 0.00E+00 | 0.00E+00 | 136.04 | 0.00E+00 | 0.00E+00 | 0.88 | 275.02 | 0.00E+00 | 1.62 | 0.46 | 74.21 | 0.00E+00 | 0.00E+00 | 8.86 | 78.55 | 2.23 | 0.77 | 269.11 | | | | | | |
| 252 | Darlington 8 | 678840.4 | 4860777.1 | | | 0.00E+00 | 0.00E+00 | 0.50 | 0.80 | 0.00E+00 | 0.00E+00 | 137.01 | 0.00E+00 | 0.00E+00 | 0.89 | 276.99 | 0.00E+00 | 1.63 | 0.47 | 74.74 | 0.00E+00 | 0.00E+00 | 8.92 | 79.11 | 2.25 | 0.77 | 271.04 | | | | | | |
| 253 | Light Ind. 1 | 680000.1 | 4861034.1 | | | 0.00E+00 | 0.00E+00 | 0.61 | 0.98 | 0.00E+00 | 0.00E+00 | 168.05 | 0.00E+00 | 0.00E+00 | 1.09 | 339.73 | 0.00E+00 | 2.00 | 0.57 | 91.67 | 0.00E+00 | 0.00E+00 | 10.94 | 97.03 | 2.76 | 0.95 | 332.42 | | | | | | |
| 254 | Light Ind. 2 | 680060.7 | 4861056.4 | | | 0.00E+00 | 0.00E+00 | 0.62 | 1.00 | 0.00E+00 | 0.00E+00 | 170.93 | 0.00E+00 | 0.00E+00 | 1.11 | 345.56 | 0.00E+00 | 2.03 | 0.58 | 93.24 | 0.00E+00 | 0.00E+00 | 11.13 | 98.70 | 2.80 | 0.97 | 338.13 | | | | | | |
| 255 | Light Ind. 3 | 680291.2 | 4861151.6 | | | 0.00E+00 | 0.00E+00 | 0.87 | 1.41 | 0.00E+00 | 0.00E+00 | 240.58 | 0.00E+00 | 0.00E+00 | 1.56 | 486.37 | 0.00E+00 | 2.86 | 0.82 | 131.24 | 0.00E+00 | 0.00E+00 | 15.67 | 138.92 | 3.94 | 1.36 | 475.91 | | | | | | |
| 256 | Light Ind. 4 | 680536.3 | 4861204.6 | | | 0.00E+00 | 0.00E+00 | 0.61 | 0.99 | 0.00E+00 | 0.00E+00 | 168.64 | 0.00E+00 | 0.00E+00 | 1.10 | 340.91 | 0.00E+00 | 2.01 | 0.58 | 91.99 | 0.00E+00 | 0.00E+00 | 10.98 | 97.37 | 2.76 | 0.95 | 333.59 | | | | | | |
| 257 | Light Ind. 5 | 680350.4 | 4861290.6 | | | 0.00E+00 | 0.00E+00 | 0.68 | 1.09 | 0.00E+00 | 0.00E+00 | 186.82 | 0.00E+00 | 0.00E+00 | 1.21 | 377.68 | 0.00E+00 | 2.22 | 0.64 | 101.91 | 0.00E+00 | 0.00E+00 | 12.17 | 107.87 | 3.06 | 1.06 | 369.56 | | | | | | |
| 258 | Light Ind. 6 | 680306.9 | 4861275.6 | | | 0.00E+00 | 0.00E+00 | 0.74 | 1.20 | 0.00E+00 | 0.00E+00 | 204.70 | 0.00E+00 | 0.00E+00 | 1.33 | 413.82 | 0.00E+00 | 2.44 | 0.70 | 111.66 | 0.00E+00 | 0.00E+00 | 13.33 | 118.20 | 3.36 | 1.16 | 404.92 | | | | | | |
| 259 | Light Ind. 7 | 680267.2 | 4861262.4 | | | 0.00E+00 | 0.00E+00 | 0.79 | 1.27 | | | | | | | | | | | | | | | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Butadiene, 1,3 - | Butanone, 2 - | Carbon tetrachloride | Chloroform | Cumene | Dibromochloromethane | Dichlorodifluoromethane | Dichloroethane, 1,2 - | Dichloroethane, trans - 1,2 - | Dichloroethene, 1,1 - | Dichloromethane | Dichloropropane, 1,2 - | Ethylbenzene | Ethylene Dibromide | Formaldehyde | Mesitylene | Styrene | Tetrachloroethene | Toluene | Trichloroethane, 1,1,1 - | Trichloroethene | Trichlorofluoromethane | | | | |
|----------|----------------------------|----------|-----------|-------------|----------------------------------|--|---------------|----------------------|------------|----------|----------------------|-------------------------|-----------------------|-------------------------------|-----------------------|-----------------|------------------------|--------------|--------------------|--------------|------------|----------|-------------------|---------|--------------------------|-----------------|------------------------|---|---|---|---|
| | | (m) | (m) | | | Updated Facility Contaminant Emission Rate (g/s) | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 276 | Farmer | 679277.0 | 4859981.5 | | | 0.00E+00 | 0.00E+00 | 0.39 | 0.64 | 0.00E+00 | 0.00E+00 | 108.67 | 0.00E+00 | 0.00E+00 | 0.71 | 219.70 | 0.00E+00 | 1.29 | 0.37 | 59.28 | 0.00E+00 | 0.00E+00 | 7.08 | 62.75 | 1.78 | 0.61 | 214.97 | | | | |
| 277 | Residence | 679387.2 | 4860648.9 | | | 0.00E+00 | 0.00E+00 | 0.75 | 1.21 | 0.00E+00 | 0.00E+00 | 207.34 | 0.00E+00 | 0.00E+00 | 1.35 | 419.17 | 0.00E+00 | 2.47 | 0.71 | 113.10 | 0.00E+00 | 0.00E+00 | 13.50 | 119.72 | 3.40 | 1.17 | 410.16 | | | | |
| 278 | Barn | 679261.9 | 4860574.2 | | | 0.00E+00 | 0.00E+00 | 0.63 | 1.01 | 0.00E+00 | 0.00E+00 | 173.04 | 0.00E+00 | 0.00E+00 | 1.12 | 349.83 | 0.00E+00 | 2.06 | 0.59 | 94.39 | 0.00E+00 | 0.00E+00 | 11.27 | 99.92 | 2.84 | 0.98 | 342.31 | | | | |
| 279 | Residence | 680150.7 | 4861295.7 | | | 0.00E+00 | 0.00E+00 | 0.69 | 1.11 | 0.00E+00 | 0.00E+00 | 189.53 | 0.00E+00 | 0.00E+00 | 1.23 | 383.15 | 0.00E+00 | 2.26 | 0.65 | 103.39 | 0.00E+00 | 0.00E+00 | 12.34 | 109.44 | 3.11 | 1.07 | 374.92 | | | | |
| 280 | Residence | 679939.8 | 4861213.4 | | | 0.00E+00 | 0.00E+00 | 0.50 | 0.81 | 0.00E+00 | 0.00E+00 | 138.90 | 0.00E+00 | 0.00E+00 | 0.90 | 280.80 | 0.00E+00 | 1.65 | 0.47 | 75.77 | 0.00E+00 | 0.00E+00 | 9.05 | 80.20 | 2.28 | 0.78 | 274.77 | | | | |
| 281 | Farmer | 680855.7 | 4861456.9 | | | 0.00E+00 | 0.00E+00 | 0.51 | 0.82 | 0.00E+00 | 0.00E+00 | 140.74 | 0.00E+00 | 0.00E+00 | 0.91 | 284.52 | 0.00E+00 | 1.67 | 0.48 | 76.77 | 0.00E+00 | 0.00E+00 | 9.17 | 81.27 | 2.31 | 0.79 | 278.41 | | | | |
| 282 | Farmer | 681386.2 | 4861673.3 | | | 0.00E+00 | 0.00E+00 | 0.53 | 0.86 | 0.00E+00 | 0.00E+00 | 147.13 | 0.00E+00 | 0.00E+00 | 0.96 | 297.43 | 0.00E+00 | 1.75 | 0.50 | 80.26 | 0.00E+00 | 0.00E+00 | 9.58 | 84.95 | 2.41 | 0.83 | 291.04 | | | | |
| 283 | Residence | 680683.5 | 4861597.9 | | | 0.00E+00 | 0.00E+00 | 0.43 | 0.70 | 0.00E+00 | 0.00E+00 | 118.67 | 0.00E+00 | 0.00E+00 | 0.77 | 239.90 | 0.00E+00 | 1.41 | 0.41 | 64.73 | 0.00E+00 | 0.00E+00 | 7.73 | 68.52 | 1.95 | 0.67 | 234.75 | | | | |
| 284 | Business | 680064.3 | 4861343.7 | | | 0.00E+00 | 0.00E+00 | 0.56 | 0.90 | 0.00E+00 | 0.00E+00 | 153.09 | 0.00E+00 | 0.00E+00 | 0.99 | 309.49 | 0.00E+00 | 1.82 | 0.52 | 83.51 | 0.00E+00 | 0.00E+00 | 9.97 | 88.40 | 2.51 | 0.86 | 302.84 | | | | |
| 285 | Farmer | 679680.1 | 4861213.5 | | | 0.00E+00 | 0.00E+00 | 0.55 | 0.89 | 0.00E+00 | 0.00E+00 | 151.74 | 0.00E+00 | 0.00E+00 | 0.99 | 306.75 | 0.00E+00 | 1.81 | 0.52 | 82.77 | 0.00E+00 | 0.00E+00 | 9.88 | 87.61 | 2.49 | 0.86 | 300.16 | | | | |
| 286 | Farmer | 681344.8 | 4861792.9 | | | 0.00E+00 | 0.00E+00 | 0.47 | 0.76 | 0.00E+00 | 0.00E+00 | 130.44 | 0.00E+00 | 0.00E+00 | 0.85 | 263.70 | 0.00E+00 | 1.55 | 0.45 | 71.15 | 0.00E+00 | 0.00E+00 | 8.50 | 75.32 | 2.14 | 0.74 | 258.03 | | | | |
| 287 | Youth Centre | 685644.2 | 4864814.8 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.20 | 0.00E+00 | 0.00E+00 | 33.93 | 0.00E+00 | 0.00E+00 | 0.22 | 68.59 | 0.00E+00 | 0.40 | 0.12 | 18.51 | 0.00E+00 | 0.00E+00 | 2.21 | 19.59 | 0.56 | 0.19 | 67.12 | | | | |
| 288 | Bowmanville Arena | 685462.9 | 4864615.2 | | | 0.00E+00 | 0.00E+00 | 0.13 | 0.21 | 0.00E+00 | 0.00E+00 | 35.14 | 0.00E+00 | 0.00E+00 | 0.23 | 71.05 | 0.00E+00 | 0.42 | 0.12 | 19.17 | 0.00E+00 | 0.00E+00 | 2.29 | 20.29 | 0.58 | 0.20 | 69.52 | | | | |
| 289 | Bowmanville Rec Complex | 684160.3 | 4864604.5 | | | 0.00E+00 | 0.00E+00 | 0.16 | 0.26 | 0.00E+00 | 0.00E+00 | 44.35 | 0.00E+00 | 0.00E+00 | 0.29 | 89.65 | 0.00E+00 | 0.53 | 0.15 | 24.19 | 0.00E+00 | 0.00E+00 | 2.89 | 25.61 | 0.73 | 0.25 | 87.73 | | | | |
| 290 | Recreation Complex | 684586.6 | 4862406.3 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.18 | 0.00E+00 | 0.00E+00 | 30.92 | 0.00E+00 | 0.00E+00 | 0.20 | 62.51 | 0.00E+00 | 0.37 | 0.11 | 16.87 | 0.00E+00 | 0.00E+00 | 2.01 | 17.85 | 0.51 | 0.17 | 61.16 | | | | |
| 291 | Superdog Central | 681487.7 | 4865723.3 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.17 | 0.00E+00 | 0.00E+00 | 28.19 | 0.00E+00 | 0.00E+00 | 0.18 | 57.00 | 0.00E+00 | 0.34 | 0.10 | 15.38 | 0.00E+00 | 0.00E+00 | 1.84 | 16.28 | 0.46 | 0.16 | 55.77 | | | | |
| 292 | Equestrian Centre | 681567.1 | 4863670.7 | | | 0.00E+00 | 0.00E+00 | 0.17 | 0.28 | 0.00E+00 | 0.00E+00 | 47.31 | 0.00E+00 | 0.00E+00 | 0.31 | 95.64 | 0.00E+00 | 0.56 | 0.16 | 25.81 | 0.00E+00 | 0.00E+00 | 3.08 | 27.32 | 0.78 | 0.27 | 93.59 | | | | |
| 293 | Flea Market | 678574.6 | 4862819.4 | | | 0.00E+00 | 0.00E+00 | 0.16 | 0.26 | 0.00E+00 | 0.00E+00 | 43.97 | 0.00E+00 | 0.00E+00 | 0.29 | 88.88 | 0.00E+00 | 0.52 | 0.15 | 23.98 | 0.00E+00 | 0.00E+00 | 2.86 | 25.39 | 0.72 | 0.25 | 86.97 | | | | |
| 294 | Equestrian Centre | 680030.8 | 4867320.2 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.11 | 0.00E+00 | 0.00E+00 | 18.80 | 0.00E+00 | 0.00E+00 | 0.12 | 38.00 | 0.00E+00 | 0.22 | 0.06 | 10.25 | 0.00E+00 | 0.00E+00 | 1.22 | 10.85 | 0.31 | 0.11 | 37.19 | | | | |
| 295 | Courtice Community Complex | 678099.3 | 4864629.8 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.16 | 0.00E+00 | 0.00E+00 | 27.55 | 0.00E+00 | 0.00E+00 | 0.18 | 55.70 | 0.00E+00 | 0.33 | 0.09 | 15.03 | 0.00E+00 | 0.00E+00 | 1.79 | 15.91 | 0.45 | 0.16 | 54.50 | | | | |
| 296 | Former Restaurant | 679830.2 | 4860702.2 | | | 0.00E+00 | 0.00E+00 | 1.19 | 1.92 | 0.00E+00 | 0.00E+00 | 328.21 | 0.00E+00 | 0.00E+00 | 2.13 | 663.52 | 0.00E+00 | 3.91 | 1.12 | 179.04 | 0.00E+00 | 0.00E+00 | 21.38 | 189.52 | 5.38 | 1.85 | 649.26 | | | | |
| 297 | Commercial | 679364.8 | 4861016.0 | | | 0.00E+00 | 0.00E+00 | 0.60 | 0.96 | 0.00E+00 | 0.00E+00 | 164.39 | 0.00E+00 | 0.00E+00 | 1.07 | 332.33 | 0.00E+00 | 1.96 | 0.56 | 89.67 | 0.00E+00 | 0.00E+00 | 10.71 | 94.92 | 2.70 | 0.93 | 325.18 | | | | |
| 298 | GM Oshawa Headquarters | 676418.3 | 4860463.7 | | | 0.00E+00 | 0.00E+00 | 0.16 | 0.26 | 0.00E+00 | 0.00E+00 | 45.08 | 0.00E+00 | 0.00E+00 | 0.29 | 91.14 | 0.00E+00 | 0.54 | 0.15 | 24.59 | 0.00E+00 | 0.00E+00 | 2.94 | 26.03 | 0.74 | 0.25 | 89.18 | | | | |
| 299 | Farm A? | 682972.3 | 4862201.9 | | | 0.00E+00 | 0.00E+00 | 0.23 | 0.37 | 0.00E+00 | 0.00E+00 | 63.52 | 0.00E+00 | 0.00E+00 | 0.41 | 128.41 | 0.00E+00 | 0.76 | 0.22 | 34.65 | 0.00E+00 | 0.00E+00 | 4.14 | 36.68 | 1.04 | 0.36 | 125.65 | | | | |
| 300 | Farm B? | 683546.9 | 4861959.7 | | | 0.00E+00 | 0.00E+00 | 0.15 | 0.25 | 0.00E+00 | 0.00E+00 | 42.51 | 0.00E+00 | 0.00E+00 | 0.28 | 85.95 | 0.00E+00 | 0.51 | 0.15 | 23.19 | 0.00E+00 | 0.00E+00 | 2.77 | 24.55 | 0.70 | 0.24 | 84.10 | | | | |
| 301 | Farm C? | 682547.5 | 4862321.1 | | | 0.00E+00 | 0.00E+00 | 0.33 | 0.54 | 0.00E+00 | 0.00E+00 | 91.45 | 0.00E+00 | 0.00E+00 | 0.59 | 184.88 | 0.00E+00 | 1.09 | 0.31 | 49.89 | 0.00E+00 | 0.00E+00 | 5.96 | 52.80 | 1.50 | 0.52 | 180.90 | | | | |
| 302 | Farm D? | 683238.3 | 4862393.3 | | | 0.00E+00 | 0.00E+00 | 0.21 | 0.33 | 0.00E+00 | 0.00E+00 | 56.68 | 0.00E+00 | 0.00E+00 | 0.37 | 114.58 | 0.00E+00 | 0.67 | 0.19 | 30.92 | 0.00E+00 | 0.00E+00 | 3.69 | 32.73 | 0.93 | 0.32 | 112.11 | | | | |
| 303 | Farm E? | 682512.6 | 4862858.0 | | | 0.00E+00 | 0.00E+00 | 0.28 | 0.46 | 0.00E+00 | 0.00E+00 | 78.28 | 0.00E+00 | 0.00E+00 | 0.51 | 158.26 | 0.00E+00 | 0.93 | 0.27 | 42.70 | 0.00E+00 | 0.00E+00 | 5.10 | 45.20 | 1.28 | 0.44 | 154.86 | | | | |
| 304 | Farm F? | 683129.1 | 4863649.4 | | | 0.00E+00 | 0.00E+00 | 0.22 | 0.35 | 0.00E+00 | 0.00E+00 | 60.12 | 0.00E+00 | 0.00E+00 | 0.39 | 121.53 | 0.00E+00 | 0.72 | 0.21 | 32.79 | 0.00E+00 | 0.00E+00 | 3.92 | 34.71 | 0.99 | 0.34 | 118.92 | | | | |
| 305 | Bennett 1 | 688209.3 | 4862512.1 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 13.46 | 0.00E+00 | 0.00E+00 | 0.09 | 27.21 | 0.00E+00 | 0.16 | 0.05 | 7.34 | 0.00E+00 | 0.00E+00 | 0.88 | 7.77 | 0.22 | 0.08 | 26.63 | | | | |
| 306 | Bennett 2 | 687990.0 | 4863221.3 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.09 | 0.00E+00 | 0.00E+00 | 14.88 | 0.00E+00 | 0.00E+00 | 0.10 | 30.09 | 0.00E+00 | 0.18 | 0.05 | 8.12 | 0.00E+00 | 0.00E+00 | 0.97 | 8.59 | 0.24 | 0.08 | 29.44 | | | | |
| 307 | Bennett 3 | 688818.4 | 4862836.3 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.07 | 0.00E+00 | 0.00E+00 | 12.73 | 0.00E+00 | 0.00E+00 | 0.08 | 25.74 | 0.00E+00 | 0.15 | 0.04 | 6.94 | 0.00E+00 | 0.00E+00 | 0.83 | 7.35 | 0.21 | 0.07 | 25.18 | | | | |
| 308 | Bennett 4 | 689045.1 | 4863365.5 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 12.99 | 0.00E+00 | 0.00E+00 | 0.08 | 26.25 | 0.00E+00 | 0.15 | 0.04 | 7.08 | 0.00E+00 | 0.00E+00 | 0.85 | 7.50 | 0.21 | 0.07 | 25.69 | | | | |
| 309 | Bennett 5 | 688270.5 | 4863763.1 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.09 | 0.00E+00 | 0.00E+00 | 15.87 | 0.00E+00 | 0.00E+00 | 0.10 | 32.09 | 0.00E+00 | 0.19 | 0.05 | 8.66 | 0.00E+00 | 0.00E+00 | 1.03 | 9.17 | 0.26 | 0.09 | 31.40 | | | | |
| 310 | Bennett 6 | 689908.5 | 4863100.5 | | | 0.00E+00 | 0.00E+00 | 0.04 | 0.06 | 0.00E+00 | 0.00E+00 | 11.03 | 0.00E+00 | 0.00E+00 | 0.07 | 22.29 | 0.00E+00 | 0.13 | 0.04 | 6.01 | 0.00E+00 | 0.00E+00 | 0.72 | 6.37 | 0.18 | 0.06 | 21.81 | | | | |
| 311 | Bennett 7 | 688929.9 | 4864392.0 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.09 | 0.00E+00 | 0.00E+00 | 15.12 | 0.00E+00 | 0.00E+ | | | | | | | | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Butadiene, 1,3 - | Butanone, 2 - | Carbon tetrachloride | Chloroform | Cumene | Dibromochloromethane | Dichlorodifluoromethane | Dichloroethane, 1,2 - | Dichloroethane, trans - 1,2 - | Dichloroethene, 1,1 - | Dichloromethane | Dichloropropane, 1,2 - | Ethylbenzene | Ethylene Dibromide | Formaldehyde | Mesitylene | Styrene | Tetrachloroethene | Toluene | Trichloroethane, 1,1,1 - | Trichloroethene | Trichlorofluoromethane | | | | | | |
|----------|------------------|----------|-----------|-------------|----------------------------------|--|---------------|----------------------|------------|----------|----------------------|-------------------------|-----------------------|-------------------------------|-----------------------|-----------------|------------------------|--------------|--------------------|--------------|------------|----------|-------------------|----------|--------------------------|-----------------|------------------------|----------|----------|----------|----------|------|---|
| | | | | | | Vapour (V)/Particulate (P) Phase | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | | | Updated Facility Contaminant Emission Rate (g/s) | | | 3.70E-05 | 5.96E-05 | | | | | | | 0.01 | | | 6.61E-05 | 0.02 | | 1.21E-04 | 3.48E-05 | 5.55E-03 | | | 6.63E-04 | 5.88E-03 | 1.67E-04 | 5.75E-05 | 0.02 | |
| 331 | Upper Tooley 4 | 678898.8 | 4861800.6 | | | 0.00E+00 | 0.00E+00 | 0.32 | 0.51 | 0.00E+00 | 0.00E+00 | 87.24 | 0.00E+00 | 0.00E+00 | 0.57 | 176.37 | 0.00E+00 | 1.04 | 0.30 | 47.59 | 0.00E+00 | 0.00E+00 | 5.68 | 50.38 | 1.43 | 0.49 | 172.58 | | | | | | |
| 332 | Upper Tooley 5 | 680353.5 | 4862156.5 | | | 0.00E+00 | 0.00E+00 | 0.30 | 0.49 | 0.00E+00 | 0.00E+00 | 82.99 | 0.00E+00 | 0.00E+00 | 0.54 | 167.78 | 0.00E+00 | 0.99 | 0.28 | 45.27 | 0.00E+00 | 0.00E+00 | 5.41 | 47.92 | 1.36 | 0.47 | 164.17 | | | | | | |
| 333 | Upper Tooley 6 | 679818.1 | 4861625.7 | | | 0.00E+00 | 0.00E+00 | 0.36 | 0.57 | 0.00E+00 | 0.00E+00 | 98.06 | 0.00E+00 | 0.00E+00 | 0.64 | 198.24 | 0.00E+00 | 1.17 | 0.34 | 53.49 | 0.00E+00 | 0.00E+00 | 6.39 | 56.62 | 1.61 | 0.55 | 193.98 | | | | | | |
| 334 | Robinson 1 | 678434.8 | 4860943.1 | | | 0.00E+00 | 0.00E+00 | 0.39 | 0.63 | 0.00E+00 | 0.00E+00 | 107.43 | 0.00E+00 | 0.00E+00 | 0.70 | 217.18 | 0.00E+00 | 1.28 | 0.37 | 58.60 | 0.00E+00 | 0.00E+00 | 7.00 | 62.03 | 1.76 | 0.61 | 212.51 | | | | | | |
| 335 | Robinson 2 | 677752.6 | 4861240.6 | | | 0.00E+00 | 0.00E+00 | 0.32 | 0.51 | 0.00E+00 | 0.00E+00 | 86.81 | 0.00E+00 | 0.00E+00 | 0.56 | 175.50 | 0.00E+00 | 1.03 | 0.30 | 47.35 | 0.00E+00 | 0.00E+00 | 5.65 | 50.13 | 1.42 | 0.49 | 171.72 | | | | | | |
| 336 | Robinson 3 | 677642.2 | 4861787.2 | | | 0.00E+00 | 0.00E+00 | 0.27 | 0.43 | 0.00E+00 | 0.00E+00 | 73.70 | 0.00E+00 | 0.00E+00 | 0.48 | 149.00 | 0.00E+00 | 0.88 | 0.25 | 40.20 | 0.00E+00 | 0.00E+00 | 4.80 | 42.56 | 1.21 | 0.42 | 145.79 | | | | | | |
| 337 | Robinson 4 | 678532.7 | 4862143.6 | | | 0.00E+00 | 0.00E+00 | 0.27 | 0.44 | 0.00E+00 | 0.00E+00 | 75.30 | 0.00E+00 | 0.00E+00 | 0.49 | 152.22 | 0.00E+00 | 0.90 | 0.26 | 41.07 | 0.00E+00 | 0.00E+00 | 4.90 | 43.48 | 1.23 | 0.43 | 148.94 | | | | | | |
| 338 | Robinson 5 | 678005.1 | 4862784.9 | | | 0.00E+00 | 0.00E+00 | 0.22 | 0.35 | 0.00E+00 | 0.00E+00 | 59.70 | 0.00E+00 | 0.00E+00 | 0.39 | 120.68 | 0.00E+00 | 0.71 | 0.20 | 32.56 | 0.00E+00 | 0.00E+00 | 3.89 | 34.47 | 0.98 | 0.34 | 118.09 | | | | | | |
| 339 | Robinson 6 | 677882.7 | 4860587.7 | | | 0.00E+00 | 0.00E+00 | 0.27 | 0.44 | 0.00E+00 | 0.00E+00 | 75.44 | 0.00E+00 | 0.00E+00 | 0.49 | 152.51 | 0.00E+00 | 0.90 | 0.26 | 41.15 | 0.00E+00 | 0.00E+00 | 4.91 | 43.56 | 1.24 | 0.43 | 149.24 | | | | | | |
| 340 | F/B 1 | 677443.1 | 4867862.1 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.11 | 0.00E+00 | 0.00E+00 | 18.94 | 0.00E+00 | 0.00E+00 | 0.12 | 38.28 | 0.00E+00 | 0.23 | 0.06 | 10.33 | 0.00E+00 | 0.00E+00 | 1.23 | 10.93 | 0.31 | 0.11 | 37.46 | | | | | | |
| 341 | F/B 2 | 679667.4 | 4866611.4 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 25.23 | 0.00E+00 | 0.00E+00 | 0.16 | 51.00 | 0.00E+00 | 0.30 | 0.09 | 13.76 | 0.00E+00 | 0.00E+00 | 1.64 | 14.57 | 0.41 | 0.14 | 49.90 | | | | | | |
| 342 | F/B 3 | 678655.0 | 4867470.1 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.16 | 0.00E+00 | 0.00E+00 | 27.46 | 0.00E+00 | 0.00E+00 | 0.18 | 55.51 | 0.00E+00 | 0.33 | 0.09 | 14.98 | 0.00E+00 | 0.00E+00 | 1.79 | 15.86 | 0.45 | 0.16 | 54.32 | | | | | | |
| 343 | F/B 4 | 676191.2 | 4866844.7 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.09 | 0.00E+00 | 0.00E+00 | 15.88 | 0.00E+00 | 0.00E+00 | 0.10 | 32.11 | 0.00E+00 | 0.19 | 0.05 | 8.66 | 0.00E+00 | 0.00E+00 | 1.03 | 9.17 | 0.26 | 0.09 | 31.42 | | | | | | |
| 344 | F/B 5 | 678273.3 | 4866093.0 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 25.67 | 0.00E+00 | 0.00E+00 | 0.17 | 51.90 | 0.00E+00 | 0.31 | 0.09 | 14.00 | 0.00E+00 | 0.00E+00 | 1.67 | 14.82 | 0.42 | 0.14 | 50.78 | | | | | | |
| 345 | F/B 6 | 681241.2 | 4867098.8 | | | 0.00E+00 | 0.00E+00 | 0.08 | 0.12 | 0.00E+00 | 0.00E+00 | 21.27 | 0.00E+00 | 0.00E+00 | 0.14 | 43.00 | 0.00E+00 | 0.25 | 0.07 | 11.60 | 0.00E+00 | 0.00E+00 | 1.39 | 12.28 | 0.35 | 0.12 | 42.08 | | | | | | |
| 346 | F/B 7 | 682165.3 | 4868082.3 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.12 | 0.00E+00 | 0.00E+00 | 19.93 | 0.00E+00 | 0.00E+00 | 0.13 | 40.29 | 0.00E+00 | 0.24 | 0.07 | 10.87 | 0.00E+00 | 0.00E+00 | 1.30 | 11.51 | 0.33 | 0.11 | 39.42 | | | | | | |
| 347 | F/B 8 | 679366.6 | 4868628.3 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.11 | 0.00E+00 | 0.00E+00 | 18.60 | 0.00E+00 | 0.00E+00 | 0.12 | 37.60 | 0.00E+00 | 0.22 | 0.06 | 10.14 | 0.00E+00 | 0.00E+00 | 1.21 | 10.74 | 0.30 | 0.11 | 36.79 | | | | | | |
| 348 | F/B 9 | 680310.1 | 4869967.1 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 12.82 | 0.00E+00 | 0.00E+00 | 0.08 | 25.91 | 0.00E+00 | 0.15 | 0.04 | 6.99 | 0.00E+00 | 0.00E+00 | 0.83 | 7.40 | 0.21 | 0.07 | 25.36 | | | | | | |
| 349 | F/B 10 | 676487.3 | 4869291.6 | | | 0.00E+00 | 0.00E+00 | 0.05 | 0.08 | 0.00E+00 | 0.00E+00 | 14.20 | 0.00E+00 | 0.00E+00 | 0.09 | 28.71 | 0.00E+00 | 0.17 | 0.05 | 7.75 | 0.00E+00 | 0.00E+00 | 0.92 | 8.20 | 0.23 | 0.08 | 28.09 | | | | | | |
| 350 | F/B 11 | 676851.4 | 4865409.3 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.12 | 0.00E+00 | 0.00E+00 | 20.02 | 0.00E+00 | 0.00E+00 | 0.13 | 40.47 | 0.00E+00 | 0.24 | 0.07 | 10.92 | 0.00E+00 | 0.00E+00 | 1.30 | 11.56 | 0.33 | 0.11 | 39.60 | | | | | | |
| 351 | F/B 12 | 681153.3 | 4868682.2 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 17.29 | 0.00E+00 | 0.00E+00 | 0.11 | 34.95 | 0.00E+00 | 0.21 | 0.06 | 9.43 | 0.00E+00 | 0.00E+00 | 1.13 | 9.98 | 0.28 | 0.10 | 34.20 | | | | | | |
| 352 | F/B 13 | 675416.3 | 4859833.9 | | | 0.00E+00 | 0.00E+00 | 0.10 | 0.16 | 0.00E+00 | 0.00E+00 | 26.96 | 0.00E+00 | 0.00E+00 | 0.18 | 54.49 | 0.00E+00 | 0.32 | 0.09 | 14.70 | 0.00E+00 | 0.00E+00 | 1.76 | 15.56 | 0.44 | 0.15 | 53.32 | | | | | | |
| 353 | Second 1 | 675153.4 | 4860552.8 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.19 | 0.00E+00 | 0.00E+00 | 33.22 | 0.00E+00 | 0.00E+00 | 0.22 | 67.15 | 0.00E+00 | 0.40 | 0.11 | 18.12 | 0.00E+00 | 0.00E+00 | 2.16 | 19.18 | 0.54 | 0.19 | 65.71 | | | | | | |
| 354 | Second 2 | 675297.5 | 4860891.3 | | | 0.00E+00 | 0.00E+00 | 0.13 | 0.20 | 0.00E+00 | 0.00E+00 | 34.55 | 0.00E+00 | 0.00E+00 | 0.22 | 69.85 | 0.00E+00 | 0.41 | 0.12 | 18.85 | 0.00E+00 | 0.00E+00 | 2.25 | 19.95 | 0.57 | 0.20 | 68.35 | | | | | | |
| 355 | Second 3 | 675647.2 | 4860644.9 | | | 0.00E+00 | 0.00E+00 | 0.14 | 0.22 | 0.00E+00 | 0.00E+00 | 37.91 | 0.00E+00 | 0.00E+00 | 0.25 | 76.64 | 0.00E+00 | 0.45 | 0.13 | 20.68 | 0.00E+00 | 0.00E+00 | 2.47 | 21.89 | 0.62 | 0.21 | 74.99 | | | | | | |
| 356 | Second 4 | 675670.5 | 4860076.5 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.19 | 0.00E+00 | 0.00E+00 | 31.91 | 0.00E+00 | 0.00E+00 | 0.21 | 64.51 | 0.00E+00 | 0.38 | 0.11 | 17.41 | 0.00E+00 | 0.00E+00 | 2.08 | 18.42 | 0.52 | 0.18 | 63.12 | | | | | | |
| 357 | Second 5 | 676043.3 | 4860319.1 | | | 0.00E+00 | 0.00E+00 | 0.14 | 0.23 | 0.00E+00 | 0.00E+00 | 38.93 | 0.00E+00 | 0.00E+00 | 0.25 | 78.70 | 0.00E+00 | 0.46 | 0.13 | 21.24 | 0.00E+00 | 0.00E+00 | 2.54 | 22.48 | 0.64 | 0.22 | 77.01 | | | | | | |
| 358 | Second 6 | 675923.4 | 4859821.4 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.17 | 0.00E+00 | 0.00E+00 | 29.20 | 0.00E+00 | 0.00E+00 | 0.19 | 59.03 | 0.00E+00 | 0.35 | 0.10 | 15.93 | 0.00E+00 | 0.00E+00 | 1.90 | 16.86 | 0.48 | 0.16 | 57.76 | | | | | | |
| 359 | McLaughlin Bay 1 | 676714.7 | 4860903.8 | | | 0.00E+00 | 0.00E+00 | 0.18 | 0.29 | 0.00E+00 | 0.00E+00 | 48.98 | 0.00E+00 | 0.00E+00 | 0.32 | 99.02 | 0.00E+00 | 0.58 | 0.17 | 26.72 | 0.00E+00 | 0.00E+00 | 3.19 | 28.28 | 0.80 | 0.28 | 96.89 | | | | | | |
| 360 | McLaughlin Bay 2 | 677310.8 | 4860528.2 | | | 0.00E+00 | 0.00E+00 | 0.22 | 0.36 | 0.00E+00 | 0.00E+00 | 60.92 | 0.00E+00 | 0.00E+00 | 0.40 | 123.15 | 0.00E+00 | 0.72 | 0.21 | 33.23 | 0.00E+00 | 0.00E+00 | 3.97 | 35.17 | 1.00 | 0.34 | 120.50 | | | | | | |
| 361 | McLaughlin Bay 3 | 676563.5 | 4860260.1 | | | 0.00E+00 | 0.00E+00 | 0.16 | 0.25 | 0.00E+00 | 0.00E+00 | 43.40 | 0.00E+00 | 0.00E+00 | 0.28 | 87.74 | 0.00E+00 | 0.52 | 0.15 | 23.67 | 0.00E+00 | 0.00E+00 | 2.83 | 25.06 | 0.71 | 0.25 | 85.85 | | | | | | |
| 362 | McLaughlin Bay 4 | 676699.5 | 4859696.6 | | | 0.00E+00 | 0.00E+00 | 0.12 | 0.19 | 0.00E+00 | 0.00E+00 | 32.78 | 0.00E+00 | 0.00E+00 | 0.21 | 66.27 | 0.00E+00 | 0.39 | 0.11 | 17.88 | 0.00E+00 | 0.00E+00 | 2.13 | 18.93 | 0.54 | 0.19 | 64.84 | | | | | | |
| 363 | McLaughlin Bay 5 | 677560.0 | 4860060.1 | | | 0.00E+00 | 0.00E+00 | 0.17 | 0.27 | 0.00E+00 | 0.00E+00 | 46.69 | 0.00E+00 | 0.00E+00 | 0.30 | 94.38 | 0.00E+00 | 0.56 | 0.16 | 25.47 | 0.00E+00 | 0.00E+00 | 3.04 | 26.96 | 0.77 | 0.26 | 92.35 | | | | | | |
| 364 | McLaughlin Bay 6 | 678204.5 | 4859832.5 | | | 0.00E+00 | 0.00E+00 | 0.18 | 0.28 | 0.00E+00 | 0.00E+00 | 48.32 | 0.00E+00 | 0.00E+00 | 0.31 | 97.69 | 0.00E+00 | 0.58 | 0.17 | 26.36 | 0.00E+00 | 0.00E+00 | 3.15 | 27.90 | 0.79 | 0.27 | 95.59 | | | | | | |
| 365 | Harmony Creek 1 | 674178.3 | 4861024.2 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.18 | 0.00E+00 | 0.00E+00 | 30.95 | 0.00E+00 | 0.00E+00 | 0.20 | 62.58 | 0.00E+00 | 0.37 | 0.11 | 16.89 | 0.00E+00 | 0.00E+00 | 2.02 | 17.87 | 0.51 | 0.17 | 61.23 | | | | | | |
| 366 | Harmony Creek 2 | 674592.0 | 4862605.3 | | | 0.00E+00 | 0.00E+00 | 0.15 | 0.25 | 0.00E+00 | 0.00E+00 | 42.45 | 0.00E+00 | 0.00E+00 | 0.28 | 85.82 | 0.00E+00 | 0.51 | 0.15 | 23.16 | 0.00E+00 | 0.00E+00 | 2.76 | 24.51 | 0.70 | 0.24 | 83.97 | | | | | | |
| 367 | Harmony Creek 3 | 672863.4 | 4862808.0 | | | 0.00E+00 | 0.00E+00 | 0.11 | 0.18 | 0.00E+00 | 0.00E+00 | 31.26 | 0.00E+00 | 0.00E+00 | 0.20 | 63.20 | 0.00E+00 | 0.37 | 0.11 | 17.05 | 0.00E+00 | 0.00E+00 | 2.04 | 18.05 | 0.51 | 0.18 | 61.84 | | | | | | |
| 368 | Harmony Creek 4 | 675671.6 | 4864469.0 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.15 | 0.00E+00 | 0.00E+00 | 26.05 | 0.00E+00 | 0.00E+00 | 0.17 | 52.65 | 0.00E+00 | 0.31 | 0.09 | 14.21 | 0.00E+00 | 0.00E+00 | 1.70 | 15.04 | 0.43 | 0.15 | 51.52 | | | | | | |
| 369 | Harmony Creek 5 | 672443.1 | 4864713.0 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.12 | 0.00E+00 | 0.00E+00 | 20.21 | 0.00E+00 | 0.00E+00 | 0.13 | 40.86 | 0.00E+00 | 0.24 | | | | | | | | | | | | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Butadiene, 1,3 - | Butanone, 2 - | Carbon tetrachloride | Chloroform | Cumene | Dibromochloromethane | Dichlorodifluoromethane | Dichloroethane, 1,2 - | Dichloroethane, trans - 1,2 - | Dichloroethane, 1,1 - | Dichloromethane | Dichloropropane, 1,2 - | Ethylbenzene | Ethylene Dibromide | Formaldehyde | Mesitylene | Styrene | Tetrachloroethene | Toluene | Trichloroethane, 1,1,1 - | Trichloroethene | Trichlorofluoromethane | | | | |
|----------|-------------------|----------|-----------|--|----------------------------------|------------------|---------------|----------------------|------------|----------|----------------------|-------------------------|-----------------------|-------------------------------|-----------------------|-----------------|------------------------|--------------|--------------------|--------------|------------|----------|-------------------|---------|--------------------------|-----------------|------------------------|----------|----------|------|---|
| | | | | Vapour (V)/Particulate (P) Phase | | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V | V |
| | | | | Updated Facility Contaminant Emission Rate (g/s) | | (m) | (m) | | | 3.70E-05 | 5.96E-05 | | | | 0.01 | | | 6.61E-05 | 0.02 | | 1.21E-04 | 3.48E-05 | 5.55E-03 | | | 6.63E-04 | 5.88E-03 | 1.67E-04 | 5.75E-05 | 0.02 | |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.14 | 0.00E+00 | 0.00E+00 | 24.51 | 0.00E+00 | 0.00E+00 | 0.16 | 49.54 | 0.00E+00 | 0.29 | 0.08 | 13.37 | 0.00E+00 | 0.00E+00 | 1.60 | 14.15 | 0.40 | 0.14 | 48.48 | | | | |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | | 0.00E+00 | 0.00E+00 | 0.07 | 0.12 | 0.00E+00 | 0.00E+00 | 19.76 | 0.00E+00 | 0.00E+00 | 0.13 | 39.95 | 0.00E+00 | 0.24 | 0.07 | 10.78 | 0.00E+00 | 0.00E+00 | 1.29 | 11.41 | 0.32 | 0.11 | 39.09 | | | | |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | | 0.00E+00 | 0.00E+00 | 0.09 | 0.14 | 0.00E+00 | 0.00E+00 | 24.48 | 0.00E+00 | 0.00E+00 | 0.16 | 49.49 | 0.00E+00 | 0.29 | 0.08 | 13.35 | 0.00E+00 | 0.00E+00 | 1.59 | 14.14 | 0.40 | 0.14 | 48.43 | | | | |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.10 | 0.00E+00 | 0.00E+00 | 17.15 | 0.00E+00 | 0.00E+00 | 0.11 | 34.67 | 0.00E+00 | 0.20 | 0.06 | 9.36 | 0.00E+00 | 0.00E+00 | 1.12 | 9.90 | 0.28 | 0.10 | 33.93 | | | | |
| 390 | Farmer | 677409.8 | 4861051.4 | | | 0.00E+00 | 0.00E+00 | 0.26 | 0.43 | 0.00E+00 | 0.00E+00 | 72.57 | 0.00E+00 | 0.00E+00 | 0.47 | 146.71 | 0.00E+00 | 0.86 | 0.25 | 39.59 | 0.00E+00 | 0.00E+00 | 4.73 | 41.90 | 1.19 | 0.41 | 143.55 | | | | |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | | 0.00E+00 | 0.00E+00 | 0.06 | 0.09 | 0.00E+00 | 0.00E+00 | 15.28 | 0.00E+00 | 0.00E+00 | 0.10 | 30.89 | 0.00E+00 | 0.18 | 0.05 | 8.34 | 0.00E+00 | 0.00E+00 | 1.00 | 8.82 | 0.25 | 0.09 | 30.23 | | | | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Trichlorot rifluoroet hane | Vinyl chloride | Xylenes, m-, p- and o- | Phthalate s | DEHP | PCL5 | | | | | |
|----------|----------------------------|----------|-----------|-------------|----------------------------------|----------------------------|----------------|------------------------|-------------|----------|----------|--|---|----------|------|---|
| | | (m) | (m) | | | | | | | | | Vapour (V)/Particulate (P) Phase | V | V | V | P |
| | | | | | | | | | | | | Updated Facility Contaminant Emission Rate (g/s) | | 5.10E-03 | 0.07 | |
| 1 | Campground 10 | 678526.8 | 4859996.8 | | | 0.00E+00 | 28.11 | 389.39 | | 0.00E+00 | 0.00E+00 | | | | | |
| 2 | ECO 2 | 675490.4 | 4860360.1 | | | 0.00E+00 | 17.25 | 238.97 | | 0.00E+00 | 0.00E+00 | | | | | |
| 3 | Recreational 5 | 681642.0 | 4860349.3 | | | 0.00E+00 | 48.22 | 667.87 | | 0.00E+00 | 0.00E+00 | | | | | |
| 4 | ECO 4 | 676831.5 | 4859840.9 | | | 0.00E+00 | 17.53 | 242.80 | | 0.00E+00 | 0.00E+00 | | | | | |
| 5 | Bow. Valley Cons. 3 | 685767.2 | 4863879.0 | | | 0.00E+00 | 12.67 | 175.55 | | 0.00E+00 | 0.00E+00 | | | | | |
| 6 | ECO 6 | 679647.8 | 4859989.3 | | | 0.00E+00 | 97.73 | 1353.60 | | 0.00E+00 | 0.00E+00 | | | | | |
| 7 | ECO 7 | 681578.8 | 4862070.1 | | | 0.00E+00 | 54.07 | 748.88 | | 0.00E+00 | 0.00E+00 | | | | | |
| 8 | ECO 8 | 679735.5 | 4861048.6 | | | 0.00E+00 | 89.28 | 1236.57 | | 0.00E+00 | 0.00E+00 | | | | | |
| 9 | ECO 9 | 687219.7 | 4864249.3 | | | 0.00E+00 | 9.15 | 126.72 | | 0.00E+00 | 0.00E+00 | | | | | |
| 10 | ECO 10 | 686519.0 | 4861987.6 | | | 0.00E+00 | 8.47 | 117.36 | | 0.00E+00 | 0.00E+00 | | | | | |
| 11 | ECO 11 | 679870.4 | 4859737.9 | | | 0.00E+00 | 61.60 | 853.16 | | 0.00E+00 | 0.00E+00 | | | | | |
| 12 | Recreational 4 | 681575.5 | 4860557.7 | | | 0.00E+00 | 46.31 | 641.40 | | 0.00E+00 | 0.00E+00 | | | | | |
| 13 | Future Industrial 9 | 680704.5 | 4859857.8 | | | 0.00E+00 | 76.06 | 1053.53 | | 0.00E+00 | 0.00E+00 | | | | | |
| 14 | Future Industrial 10 | 680608.0 | 4860719.6 | | | 0.00E+00 | 138.74 | 1921.71 | | 0.00E+00 | 0.00E+00 | | | | | |
| 15 | Harmony Creek | 673992.4 | 4865641.4 | | | 0.00E+00 | 8.72 | 120.85 | | 0.00E+00 | 0.00E+00 | | | | | |
| 16 | Farewell Creek | 678079.2 | 4868822.7 | | | 0.00E+00 | 10.43 | 144.52 | | 0.00E+00 | 0.00E+00 | | | | | |
| 17 | Farmer | 681378.6 | 4860335.0 | | | 0.00E+00 | 62.96 | 872.05 | | 0.00E+00 | 0.00E+00 | | | | | |
| 18 | Watson Farm | 682883.4 | 4864219.7 | | | 0.00E+00 | 22.98 | 318.33 | | 0.00E+00 | 0.00E+00 | | | | | |
| 19 | Racanski Farm | 678929.2 | 4865530.2 | | | 0.00E+00 | 17.56 | 243.21 | | 0.00E+00 | 0.00E+00 | | | | | |
| 20 | Zoo | 687216.8 | 4864835.3 | | | 0.00E+00 | 9.97 | 138.12 | | 0.00E+00 | 0.00E+00 | | | | | |
| 21 | Cedar Crest Beach | 686652.1 | 4861660.9 | | | 0.00E+00 | 8.29 | 114.84 | | 0.00E+00 | 0.00E+00 | | | | | |
| 22 | Darlington Prov Park Beach | 677844.6 | 4859718.2 | | | 0.00E+00 | 20.83 | 288.50 | | 0.00E+00 | 0.00E+00 | | | | | |
| 23 | OPG 1 | 682258.1 | 4860045.0 | | | 0.00E+00 | 28.35 | 392.70 | | 0.00E+00 | 0.00E+00 | | | | | |
| 24 | OPG 2 | 682551.4 | 4859889.1 | | | 0.00E+00 | 22.79 | 315.62 | | 0.00E+00 | 0.00E+00 | | | | | |
| 25 | OPG 3 | 682824.6 | 4859759.3 | | | 0.00E+00 | 18.40 | 254.89 | | 0.00E+00 | 0.00E+00 | | | | | |
| 26 | OPG 4 | 683021.6 | 4859937.3 | | | 0.00E+00 | 21.18 | 293.36 | | 0.00E+00 | 0.00E+00 | | | | | |
| 27 | OPG 5 | 683318.2 | 4859677.8 | | | 0.00E+00 | 15.50 | 214.70 | | 0.00E+00 | 0.00E+00 | | | | | |
| 28 | OPG 6 | 683306.9 | 4860023.0 | | | 0.00E+00 | 21.93 | 303.79 | | 0.00E+00 | 0.00E+00 | | | | | |
| 29 | OPG 7 | 683718.6 | 4859915.8 | | | 0.00E+00 | 18.48 | 255.90 | | 0.00E+00 | 0.00E+00 | | | | | |
| 30 | OPG 8 | 682702.0 | 4859998.6 | | | 0.00E+00 | 25.21 | 349.20 | | 0.00E+00 | 0.00E+00 | | | | | |
| 31 | OPG 9 | 684347.7 | 4861184.6 | | | 0.00E+00 | 14.51 | 200.95 | | 0.00E+00 | 0.00E+00 | | | | | |
| 32 | OPG 10 | 682157.2 | 4861228.2 | | | 0.00E+00 | 42.55 | 589.34 | | 0.00E+00 | 0.00E+00 | | | | | |
| 33 | St. Mary's 1 | 684557.0 | 4861070.0 | | | 0.00E+00 | 14.54 | 201.41 | | 0.00E+00 | 0.00E+00 | | | | | |
| 34 | St. Mary's 2 | 684657.3 | 4861320.8 | | | 0.00E+00 | 13.22 | 183.17 | | 0.00E+00 | 0.00E+00 | | | | | |
| 35 | St. Mary's 3 | 684905.3 | 4861154.4 | | | 0.00E+00 | 13.03 | 180.52 | | 0.00E+00 | 0.00E+00 | | | | | |
| 36 | Court. Subdivision 1 | 677328.4 | 4862976.1 | | | 0.00E+00 | 21.64 | 299.72 | | 0.00E+00 | 0.00E+00 | | | | | |
| 37 | Court. Subdivision 2 | 676187.9 | 4862611.1 | | | 0.00E+00 | 21.99 | 304.60 | | 0.00E+00 | 0.00E+00 | | | | | |
| 38 | Court. Subdivision 3 | 675974.8 | 4863484.1 | | | 0.00E+00 | 14.47 | 200.39 | | 0.00E+00 | 0.00E+00 | | | | | |
| 39 | Court. Subdivision 4 | 676606.1 | 4863214.1 | | | 0.00E+00 | 17.35 | 240.31 | | 0.00E+00 | 0.00E+00 | | | | | |
| 40 | Court. Subdivision 5 | 676827.1 | 4863591.4 | | | 0.00E+00 | 18.53 | 256.62 | | 0.00E+00 | 0.00E+00 | | | | | |
| 41 | Court. Subdivision 6 | 677200.4 | 4864074.9 | | | 0.00E+00 | 17.08 | 236.58 | | 0.00E+00 | 0.00E+00 | | | | | |
| 42 | Court. Subdivision 7 | 677719.8 | 4863625.1 | | | 0.00E+00 | 17.32 | 239.95 | | 0.00E+00 | 0.00E+00 | | | | | |
| 43 | Court. Subdivision 8 | 678271.6 | 4864200.6 | | | 0.00E+00 | 15.18 | 210.21 | | 0.00E+00 | 0.00E+00 | | | | | |
| 44 | Court. Subdivision 9 | 678184.4 | 4863373.6 | | | 0.00E+00 | 17.30 | 239.57 | | 0.00E+00 | 0.00E+00 | | | | | |
| 45 | Court. Subdivision 10 | 677179.7 | 4862499.5 | | | 0.00E+00 | 22.51 | 311.74 | | 0.00E+00 | 0.00E+00 | | | | | |
| 46 | Bow. Subdivision 1 | 683536.7 | 4864215.2 | | | 0.00E+00 | 25.66 | 355.47 | | 0.00E+00 | 0.00E+00 | | | | | |
| 47 | Bow. Subdivision 2 | 683770.0 | 4863915.1 | | | 0.00E+00 | 27.23 | 377.13 | | 0.00E+00 | 0.00E+00 | | | | | |
| 48 | Bow. Subdivision 3 | 683671.0 | 4863534.1 | | | 0.00E+00 | 29.36 | 406.65 | | 0.00E+00 | 0.00E+00 | | | | | |
| 49 | Bow. Subdivision 4 | 684501.9 | 4863847.4 | | | 0.00E+00 | 23.21 | 321.45 | | 0.00E+00 | 0.00E+00 | | | | | |
| 50 | Bow. Subdivision 5 | 684242.9 | 4863518.8 | | | 0.00E+00 | 24.50 | 339.36 | | 0.00E+00 | 0.00E+00 | | | | | |
| 51 | Bow. Subdivision 6 | 684271.4 | 4863201.5 | | | 0.00E+00 | 20.70 | 286.75 | | 0.00E+00 | 0.00E+00 | | | | | |
| 52 | Bow. Subdivision 7 | 683992.6 | 4862628.1 | | | 0.00E+00 | 20.67 | 286.31 | | 0.00E+00 | 0.00E+00 | | | | | |
| 53 | Bow. Subdivision 8 | 684608.2 | 4862956.8 | | | 0.00E+00 | 17.62 | 244.03 | | 0.00E+00 | 0.00E+00 | | | | | |
| 54 | Bow. Subdivision 9 | 684777.3 | 4863330.5 | | | 0.00E+00 | 16.66 | 230.74 | | 0.00E+00 | 0.00E+00 | | | | | |
| 55 | Bow. Subdivision 10 | 685266.0 | 4863243.1 | | | 0.00E+00 | 14.09 | 195.21 | | 0.00E+00 | 0.00E+00 | | | | | |



Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Trichlorot rifluoroet hane | Vinyl chloride | Xylenes, m-, p- and o- | Phthalate s | DEHP | PCL5 | |
|----------|--------------------------|----------|-----------|-------------|----------------------------------|--|----------------|------------------------|-------------|----------|----------|---|
| | | (m) | (m) | | | Vapour (V)/Particulate (P) Phase | V | V | | V | | P |
| | | | | | | Updated Facility Contaminant Emission Rate (g/s) | | 5.10E-03 | | 0.07 | | |
| 56 | Osh/Court Subdivision 1 | 677396.8 | 4860977.3 | | | 0.00E+00 | 35.86 | 496.65 | | 0.00E+00 | 0.00E+00 | |
| 57 | Osh/Court Subdivision 2 | 676633.5 | 4860816.8 | | | 0.00E+00 | 24.11 | 333.93 | | 0.00E+00 | 0.00E+00 | |
| 58 | Osh/Court Subdivision 3 | 676916.0 | 4861925.0 | | | 0.00E+00 | 34.60 | 479.24 | | 0.00E+00 | 0.00E+00 | |
| 59 | Osh/Court Subdivision 4 | 676730.5 | 4861317.1 | | | 0.00E+00 | 28.42 | 393.69 | | 0.00E+00 | 0.00E+00 | |
| 60 | Osh/Court Subdivision 5 | 676087.2 | 4861392.3 | | | 0.00E+00 | 23.08 | 319.64 | | 0.00E+00 | 0.00E+00 | |
| 61 | Osh/Court Subdivision 6 | 676177.1 | 4861722.2 | | | 0.00E+00 | 28.25 | 391.25 | | 0.00E+00 | 0.00E+00 | |
| 62 | Osh/Court Subdivision 7 | 675670.7 | 4861783.2 | | | 0.00E+00 | 24.11 | 334.00 | | 0.00E+00 | 0.00E+00 | |
| 63 | Osh/Court Subdivision 8 | 676050.8 | 4862055.7 | | | 0.00E+00 | 30.39 | 420.88 | | 0.00E+00 | 0.00E+00 | |
| 64 | Osh/Court Subdivision 9 | 676636.9 | 4862134.3 | | | 0.00E+00 | 30.60 | 423.81 | | 0.00E+00 | 0.00E+00 | |
| 65 | Osh/Court Subdivision 10 | 676571.3 | 4861634.8 | | | 0.00E+00 | 31.56 | 437.08 | | 0.00E+00 | 0.00E+00 | |
| 66 | Bow. Subdivision 11 | 684649.2 | 4863182.7 | | | 0.00E+00 | 17.24 | 238.72 | | 0.00E+00 | 0.00E+00 | |
| 67 | Daycare B | 685172.4 | 4863933.1 | | | 0.00E+00 | 16.13 | 223.45 | | 0.00E+00 | 0.00E+00 | |
| 68 | Daycare C | 685452.0 | 4863104.4 | | | 0.00E+00 | 12.70 | 175.86 | | 0.00E+00 | 0.00E+00 | |
| 69 | Daycare D | 685527.7 | 4864693.3 | | | 0.00E+00 | 17.16 | 237.68 | | 0.00E+00 | 0.00E+00 | |
| 70 | Daycare E | 685735.4 | 4864790.8 | | | 0.00E+00 | 16.15 | 223.75 | | 0.00E+00 | 0.00E+00 | |
| 71 | Daycare F | 685520.3 | 4864854.3 | | | 0.00E+00 | 17.43 | 241.40 | | 0.00E+00 | 0.00E+00 | |
| 72 | Daycare G | 685441.9 | 4864878.0 | | | 0.00E+00 | 17.75 | 245.90 | | 0.00E+00 | 0.00E+00 | |
| 73 | Daycare H | 686364.8 | 4864707.8 | | | 0.00E+00 | 12.54 | 173.66 | | 0.00E+00 | 0.00E+00 | |
| 74 | Daycare I | 685721.6 | 4865127.3 | | | 0.00E+00 | 16.68 | 231.09 | | 0.00E+00 | 0.00E+00 | |
| 75 | Daycare J | 678256.3 | 4863565.4 | | | 0.00E+00 | 17.23 | 238.64 | | 0.00E+00 | 0.00E+00 | |
| 76 | Daycare K | 677694.1 | 4864043.7 | | | 0.00E+00 | 13.73 | 190.11 | | 0.00E+00 | 0.00E+00 | |
| 77 | Daycare L | 676479.5 | 4862526.2 | | | 0.00E+00 | 22.59 | 312.90 | | 0.00E+00 | 0.00E+00 | |
| 78 | Daycare M | 678320.9 | 4864763.5 | | | 0.00E+00 | 14.57 | 201.76 | | 0.00E+00 | 0.00E+00 | |
| 79 | Daycare N | 678513.4 | 4865058.0 | | | 0.00E+00 | 15.38 | 213.05 | | 0.00E+00 | 0.00E+00 | |
| 80 | Daycare O | 672788.7 | 4863936.6 | | | 0.00E+00 | 13.32 | 184.54 | | 0.00E+00 | 0.00E+00 | |
| 81 | Daycare P | 673952.8 | 4863592.5 | | | 0.00E+00 | 14.94 | 206.92 | | 0.00E+00 | 0.00E+00 | |
| 82 | Daycare Q | 671751.8 | 4864887.7 | | | 0.00E+00 | 9.82 | 136.05 | | 0.00E+00 | 0.00E+00 | |
| 83 | Daycare R | 685714.4 | 4864667.4 | | | 0.00E+00 | 16.03 | 222.07 | | 0.00E+00 | 0.00E+00 | |
| 84 | Daycare S | 684177.9 | 4863618.2 | | | 0.00E+00 | 25.72 | 356.29 | | 0.00E+00 | 0.00E+00 | |
| 85 | Daycare T | 678423.6 | 4864480.4 | | | 0.00E+00 | 15.38 | 213.09 | | 0.00E+00 | 0.00E+00 | |
| 86 | Daycare U | 685330.5 | 4863435.1 | | | 0.00E+00 | 14.38 | 199.14 | | 0.00E+00 | 0.00E+00 | |
| 87 | Daycare V | 685153.2 | 4863236.9 | | | 0.00E+00 | 14.99 | 207.60 | | 0.00E+00 | 0.00E+00 | |
| 88 | Daycare W | 672679.0 | 4862044.9 | | | 0.00E+00 | 11.55 | 159.98 | | 0.00E+00 | 0.00E+00 | |
| 89 | Daycare X | 672076.5 | 4865285.8 | | | 0.00E+00 | 8.46 | 117.24 | | 0.00E+00 | 0.00E+00 | |
| 90 | Daycare Y | 672638.0 | 4859664.4 | | | 0.00E+00 | 8.41 | 116.50 | | 0.00E+00 | 0.00E+00 | |
| 91 | Daycare Z | 673735.9 | 4858958.0 | | | 0.00E+00 | 8.24 | 114.06 | | 0.00E+00 | 0.00E+00 | |
| 92 | Daycare AA | 673121.8 | 4863385.9 | | | 0.00E+00 | 15.80 | 218.81 | | 0.00E+00 | 0.00E+00 | |
| 93 | Daycare BB | 673904.8 | 4862282.2 | | | 0.00E+00 | 17.53 | 242.78 | | 0.00E+00 | 0.00E+00 | |
| 94 | Daycare CC | 671471.6 | 4861795.3 | | | 0.00E+00 | 9.27 | 128.42 | | 0.00E+00 | 0.00E+00 | |
| 95 | Daycare DD | 673057.3 | 4862625.6 | | | 0.00E+00 | 15.71 | 217.53 | | 0.00E+00 | 0.00E+00 | |
| 96 | Daycare EE | 674917.1 | 4863957.2 | | | 0.00E+00 | 11.95 | 165.53 | | 0.00E+00 | 0.00E+00 | |
| 97 | Daycare FF | 671356.6 | 4862954.4 | | | 0.00E+00 | 11.51 | 159.36 | | 0.00E+00 | 0.00E+00 | |
| 98 | Daycare GG | 671675.5 | 4862705.8 | | | 0.00E+00 | 11.46 | 158.80 | | 0.00E+00 | 0.00E+00 | |
| 99 | Daycare HH | 671604.8 | 4860138.1 | | | 0.00E+00 | 8.54 | 118.27 | | 0.00E+00 | 0.00E+00 | |
| 100 | Daycare II | 670945.2 | 4857983.8 | | | 0.00E+00 | 5.77 | 79.95 | | 0.00E+00 | 0.00E+00 | |
| 101 | Daycare JJ | 677514.6 | 4864744.1 | | | 0.00E+00 | 12.40 | 171.71 | | 0.00E+00 | 0.00E+00 | |
| 102 | Daycare KK | 676519.9 | 4862680.1 | | | 0.00E+00 | 20.96 | 290.29 | | 0.00E+00 | 0.00E+00 | |
| 103 | Daycare LL | 677660.6 | 4863601.3 | | | 0.00E+00 | 18.62 | 257.86 | | 0.00E+00 | 0.00E+00 | |
| 104 | Court. Subdivision 11 | 677665.8 | 4863406.6 | | | 0.00E+00 | 21.95 | 303.97 | | 0.00E+00 | 0.00E+00 | |
| 105 | Daycare NN | 674866.3 | 4864667.2 | | | 0.00E+00 | 10.66 | 147.67 | | 0.00E+00 | 0.00E+00 | |
| 106 | Daycare OO | 673201.0 | 4864746.4 | | | 0.00E+00 | 9.74 | 134.94 | | 0.00E+00 | 0.00E+00 | |
| 107 | Daycare PP | 674794.5 | 4864915.4 | | | 0.00E+00 | 10.41 | 144.25 | | 0.00E+00 | 0.00E+00 | |
| 108 | Hospital | 686324.2 | 4864395.8 | | | 0.00E+00 | 12.33 | 170.74 | | 0.00E+00 | 0.00E+00 | |
| 109 | Hospital (Children s) | 676057.8 | 4862180.9 | | | 0.00E+00 | 29.49 | 408.44 | | 0.00E+00 | 0.00E+00 | |
| 110 | Hospital | 671233.2 | 4863615.9 | | | 0.00E+00 | 12.57 | 174.13 | | 0.00E+00 | 0.00E+00 | |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Trichlorotrifluoroethane | Vinyl chloride | Xylenes, m-, p- and o- | Phthalates | DEHP | PCL5 |
|----------|------------------------|----------------------------------|-----------|-------------|----------------------------------|--------------------------|----------------|------------------------|------------|----------|----------|
| | | (m) | (m) | | | | | | | | |
| | | Vapour (V)/Particulate (P) Phase | | V | V | V | | P | | | |
| 111 | Comm. Resp. Services | 676045.4 | 4863902.5 | | | 0.00E+00 | 14.56 | 201.66 | | 0.00E+00 | 0.00E+00 |
| 112 | Hospital | 671712.7 | 4862364.1 | | | 0.00E+00 | 10.16 | 140.79 | | 0.00E+00 | 0.00E+00 |
| 113 | Retirement Residence A | 684199.9 | 4864120.3 | | | 0.00E+00 | 24.51 | 339.51 | | 0.00E+00 | 0.00E+00 |
| 114 | Retirement Residence B | 685483.9 | 4865150.9 | | | 0.00E+00 | 17.51 | 242.59 | | 0.00E+00 | 0.00E+00 |
| 115 | Retirement Residence C | 686844.0 | 4864732.1 | | | 0.00E+00 | 11.08 | 153.42 | | 0.00E+00 | 0.00E+00 |
| 116 | Retirement Residence D | 673481.7 | 4863343.4 | | | 0.00E+00 | 16.42 | 227.43 | | 0.00E+00 | 0.00E+00 |
| 117 | Retirement Residence E | 671825.2 | 4864399.0 | | | 0.00E+00 | 11.45 | 158.62 | | 0.00E+00 | 0.00E+00 |
| 118 | Retirement Residence F | 671606.3 | 4864536.0 | | | 0.00E+00 | 10.97 | 151.94 | | 0.00E+00 | 0.00E+00 |
| 119 | Retirement Residence G | 671357.1 | 4862958.7 | | | 0.00E+00 | 11.57 | 160.20 | | 0.00E+00 | 0.00E+00 |
| 120 | Retirement Residence H | 671514.0 | 4862262.9 | | | 0.00E+00 | 9.75 | 135.00 | | 0.00E+00 | 0.00E+00 |
| 121 | Retirement Residence I | 672602.2 | 4863075.9 | | | 0.00E+00 | 15.40 | 213.30 | | 0.00E+00 | 0.00E+00 |
| 122 | Retirement Residence J | 671719.1 | 4862893.1 | | | 0.00E+00 | 12.34 | 170.95 | | 0.00E+00 | 0.00E+00 |
| 123 | Retirement Residence K | 686718.0 | 4865648.7 | | | 0.00E+00 | 13.51 | 187.15 | | 0.00E+00 | 0.00E+00 |
| 124 | Retirement Residence L | 676168.7 | 4865669.9 | | | 0.00E+00 | 11.20 | 155.17 | | 0.00E+00 | 0.00E+00 |
| 125 | Retirement Residence M | 676118.5 | 4863980.7 | | | 0.00E+00 | 14.86 | 205.85 | | 0.00E+00 | 0.00E+00 |
| 126 | Bow. Subdivision 12 | 684649.2 | 4863182.7 | | | 0.00E+00 | 17.23 | 238.66 | | 0.00E+00 | 0.00E+00 |
| 127 | Primary School B | 685384.8 | 4863575.3 | | | 0.00E+00 | 14.25 | 197.35 | | 0.00E+00 | 0.00E+00 |
| 128 | Primary School C | 685021.6 | 4863952.9 | | | 0.00E+00 | 17.99 | 249.14 | | 0.00E+00 | 0.00E+00 |
| 129 | Primary School D | 686237.0 | 4864085.5 | | | 0.00E+00 | 12.19 | 168.89 | | 0.00E+00 | 0.00E+00 |
| 130 | Primary School E | 686719.0 | 4863734.7 | | | 0.00E+00 | 9.91 | 137.26 | | 0.00E+00 | 0.00E+00 |
| 131 | Primary School F | 686357.0 | 4864754.9 | | | 0.00E+00 | 12.90 | 178.69 | | 0.00E+00 | 0.00E+00 |
| 132 | Primary School G | 685502.0 | 4865013.4 | | | 0.00E+00 | 17.72 | 245.43 | | 0.00E+00 | 0.00E+00 |
| 133 | Primary School H | 686726.7 | 4866061.5 | | | 0.00E+00 | 13.66 | 189.16 | | 0.00E+00 | 0.00E+00 |
| 134 | Primary School I | 685186.2 | 4866568.2 | | | 0.00E+00 | 14.74 | 204.18 | | 0.00E+00 | 0.00E+00 |
| 135 | Primary School J | 685965.3 | 4866979.0 | | | 0.00E+00 | 13.27 | 183.76 | | 0.00E+00 | 0.00E+00 |
| 136 | Primary School K | 677709.9 | 4864726.5 | | | 0.00E+00 | 12.89 | 178.47 | | 0.00E+00 | 0.00E+00 |
| 137 | Primary School L | 675988.3 | 4864270.2 | | | 0.00E+00 | 14.34 | 198.58 | | 0.00E+00 | 0.00E+00 |
| 138 | Primary School M | 676608.7 | 4862739.0 | | | 0.00E+00 | 20.11 | 278.53 | | 0.00E+00 | 0.00E+00 |
| 139 | Primary School N | 677222.2 | 4863759.1 | | | 0.00E+00 | 20.26 | 280.60 | | 0.00E+00 | 0.00E+00 |
| 140 | Primary School O | 678154.9 | 4863872.7 | | | 0.00E+00 | 15.90 | 220.26 | | 0.00E+00 | 0.00E+00 |
| 141 | Court. Subdivision 12 | 678309.6 | 4863600.8 | | | 0.00E+00 | 17.31 | 239.74 | | 0.00E+00 | 0.00E+00 |
| 142 | Primary School Q | 677010.6 | 4862470.6 | | | 0.00E+00 | 22.82 | 316.11 | | 0.00E+00 | 0.00E+00 |
| 143 | Primary School R | 677431.3 | 4866694.7 | | | 0.00E+00 | 10.05 | 139.13 | | 0.00E+00 | 0.00E+00 |
| 144 | Primary School S | 675266.2 | 4863562.9 | | | 0.00E+00 | 13.97 | 193.48 | | 0.00E+00 | 0.00E+00 |
| 145 | Primary School T | 673479.2 | 4860029.4 | | | 0.00E+00 | 11.01 | 152.55 | | 0.00E+00 | 0.00E+00 |
| 146 | Primary School U | 670856.0 | 4860710.6 | | | 0.00E+00 | 8.74 | 121.00 | | 0.00E+00 | 0.00E+00 |
| 147 | Primary School V | 672660.2 | 4863909.2 | | | 0.00E+00 | 13.47 | 186.50 | | 0.00E+00 | 0.00E+00 |
| 148 | Primary School W | 672735.2 | 4859232.9 | | | 0.00E+00 | 7.76 | 107.48 | | 0.00E+00 | 0.00E+00 |
| 149 | Primary School X | 673575.8 | 4862688.6 | | | 0.00E+00 | 17.77 | 246.18 | | 0.00E+00 | 0.00E+00 |
| 150 | Primary School Y | 673710.3 | 4861969.0 | | | 0.00E+00 | 14.39 | 199.27 | | 0.00E+00 | 0.00E+00 |
| 151 | Primary School Z | 672366.0 | 4859928.1 | | | 0.00E+00 | 8.97 | 124.23 | | 0.00E+00 | 0.00E+00 |
| 152 | Primary School AA | 672561.7 | 4866047.1 | | | 0.00E+00 | 6.86 | 94.98 | | 0.00E+00 | 0.00E+00 |
| 153 | Primary School BB | 675095.1 | 4862930.4 | | | 0.00E+00 | 19.51 | 270.24 | | 0.00E+00 | 0.00E+00 |
| 154 | Primary School CC | 673242.6 | 4865197.9 | | | 0.00E+00 | 8.60 | 119.15 | | 0.00E+00 | 0.00E+00 |
| 155 | Primary School DD | 674164.9 | 4863031.3 | | | 0.00E+00 | 18.55 | 256.87 | | 0.00E+00 | 0.00E+00 |
| 156 | Primary School EE | 671905.6 | 4864697.8 | | | 0.00E+00 | 10.42 | 144.37 | | 0.00E+00 | 0.00E+00 |
| 157 | Primary School FF | 673294.9 | 4858774.5 | | | 0.00E+00 | 7.50 | 103.93 | | 0.00E+00 | 0.00E+00 |
| 158 | Primary School GG | 671659.7 | 4863120.0 | | | 0.00E+00 | 12.91 | 178.82 | | 0.00E+00 | 0.00E+00 |
| 159 | Primary School HH | 673853.4 | 4866711.0 | | | 0.00E+00 | 8.60 | 119.09 | | 0.00E+00 | 0.00E+00 |
| 160 | Primary School II | 672616.7 | 4862114.9 | | | 0.00E+00 | 11.53 | 159.65 | | 0.00E+00 | 0.00E+00 |
| 161 | Primary School JJ | 673567.2 | 4861899.5 | | | 0.00E+00 | 13.46 | 186.42 | | 0.00E+00 | 0.00E+00 |
| 162 | Primary School KK | 671791.0 | 4861954.2 | | | 0.00E+00 | 9.38 | 129.95 | | 0.00E+00 | 0.00E+00 |
| 163 | Primary School LL | 673762.3 | 4864210.6 | | | 0.00E+00 | 11.18 | 154.81 | | 0.00E+00 | 0.00E+00 |
| 164 | Primary School MM | 672238.8 | 4864621.3 | | | 0.00E+00 | 10.60 | 146.86 | | 0.00E+00 | 0.00E+00 |
| 165 | Primary School NN | 673213.6 | 4858677.0 | | | 0.00E+00 | 7.37 | 102.14 | | 0.00E+00 | 0.00E+00 |

Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Trichlorotrifluoroethane | Vinyl chloride | Xylenes, m-, p- and o- | Phthalates | DEHP | PCL5 |
|----------|---------------------|----------|-----------|--|----------------------------------|--------------------------|----------------|------------------------|------------|----------|----------|
| | | (m) | (m) | Vapour (V)/Particulate (P) Phase | | V | V | V | | P | |
| | | | | Updated Facility Contaminant Emission Rate (g/s) | | | 5.10E-03 | 0.07 | | | |
| 166 | Primary School OO | 675474.8 | 4863221.7 | | | 0.00E+00 | 15.69 | 217.28 | | 0.00E+00 | 0.00E+00 |
| 167 | Primary School PP | 672441.8 | 4858748.6 | | | 0.00E+00 | 6.73 | 93.22 | | 0.00E+00 | 0.00E+00 |
| 168 | Primary School QQ | 672796.8 | 4864438.2 | | | 0.00E+00 | 11.03 | 152.82 | | 0.00E+00 | 0.00E+00 |
| 169 | Primary School RR | 671351.4 | 4863284.0 | | | 0.00E+00 | 12.47 | 172.71 | | 0.00E+00 | 0.00E+00 |
| 170 | Primary School SS | 673213.9 | 4862125.5 | | | 0.00E+00 | 13.52 | 187.26 | | 0.00E+00 | 0.00E+00 |
| 171 | Primary School TT | 671017.9 | 4860953.7 | | | 0.00E+00 | 9.73 | 134.72 | | 0.00E+00 | 0.00E+00 |
| 172 | Primary School UU | 670991.0 | 4861089.8 | | | 0.00E+00 | 10.02 | 138.82 | | 0.00E+00 | 0.00E+00 |
| 173 | Primary School VV | 674150.1 | 4862294.8 | | | 0.00E+00 | 18.90 | 261.85 | | 0.00E+00 | 0.00E+00 |
| 174 | Primary School WW | 672005.2 | 4861707.9 | | | 0.00E+00 | 9.99 | 138.39 | | 0.00E+00 | 0.00E+00 |
| 175 | Primary School XX | 684172.1 | 4863615.6 | | | 0.00E+00 | 25.75 | 356.65 | | 0.00E+00 | 0.00E+00 |
| 176 | Primary School YY | 683923.3 | 4866636.4 | | | 0.00E+00 | 14.86 | 205.80 | | 0.00E+00 | 0.00E+00 |
| 177 | Primary School ZZ | 680446.0 | 4865770.5 | | | 0.00E+00 | 12.84 | 177.80 | | 0.00E+00 | 0.00E+00 |
| 178 | Vacant School | 685612.9 | 4864520.0 | | | 0.00E+00 | 16.30 | 225.72 | | 0.00E+00 | 0.00E+00 |
| 179 | Secondary School A | 686291.4 | 4865064.3 | | | 0.00E+00 | 14.28 | 197.79 | | 0.00E+00 | 0.00E+00 |
| 180 | Secondary School B | 683875.0 | 4864741.7 | | | 0.00E+00 | 22.04 | 305.30 | | 0.00E+00 | 0.00E+00 |
| 181 | Secondary School C | 684650.3 | 4866460.3 | | | 0.00E+00 | 15.25 | 211.20 | | 0.00E+00 | 0.00E+00 |
| 182 | Secondary School D | 678099.5 | 4864838.2 | | | 0.00E+00 | 13.54 | 187.61 | | 0.00E+00 | 0.00E+00 |
| 183 | Secondary School E | 678467.0 | 4863431.2 | | | 0.00E+00 | 18.60 | 257.58 | | 0.00E+00 | 0.00E+00 |
| 184 | Secondary School F | 674144.9 | 4862762.7 | | | 0.00E+00 | 19.66 | 272.36 | | 0.00E+00 | 0.00E+00 |
| 185 | Secondary School G | 673816.0 | 4864357.1 | | | 0.00E+00 | 10.73 | 148.63 | | 0.00E+00 | 0.00E+00 |
| 186 | Secondary School H | 673145.4 | 4858569.0 | | | 0.00E+00 | 7.45 | 103.16 | | 0.00E+00 | 0.00E+00 |
| 187 | Secondary School I | 671291.7 | 4863581.3 | | | 0.00E+00 | 12.68 | 175.64 | | 0.00E+00 | 0.00E+00 |
| 188 | Secondary School J | 671443.2 | 4861664.9 | | | 0.00E+00 | 9.59 | 132.86 | | 0.00E+00 | 0.00E+00 |
| 189 | Secondary School K | 673235.3 | 4860885.0 | | | 0.00E+00 | 13.58 | 188.06 | | 0.00E+00 | 0.00E+00 |
| 190 | Secondary School L | 684252.7 | 4866500.5 | | | 0.00E+00 | 14.90 | 206.34 | | 0.00E+00 | 0.00E+00 |
| 191 | Secondary School M | 673914.1 | 4859551.7 | | | 0.00E+00 | 9.84 | 136.35 | | 0.00E+00 | 0.00E+00 |
| 192 | Secondary School N | 675051.5 | 4864177.2 | | | 0.00E+00 | 11.29 | 156.42 | | 0.00E+00 | 0.00E+00 |
| 193 | Adult School | 685276.1 | 4866019.8 | | | 0.00E+00 | 15.99 | 221.48 | | 0.00E+00 | 0.00E+00 |
| 194 | Bow. Valley Cons. 1 | 685356.6 | 4864521.2 | | | 0.00E+00 | 17.79 | 246.44 | | 0.00E+00 | 0.00E+00 |
| 195 | Bow. Valley Cons. 2 | 685627.7 | 4864167.8 | | | 0.00E+00 | 14.42 | 199.68 | | 0.00E+00 | 0.00E+00 |
| 196 | Bow. Valley Cons. 4 | 685852.7 | 4863640.2 | | | 0.00E+00 | 12.57 | 174.05 | | 0.00E+00 | 0.00E+00 |
| 197 | Bow. Valley Cons. 5 | 686163.1 | 4863621.5 | | | 0.00E+00 | 10.99 | 152.20 | | 0.00E+00 | 0.00E+00 |
| 198 | Bow. Valley Cons. 6 | 685931.9 | 4863380.6 | | | 0.00E+00 | 11.33 | 156.93 | | 0.00E+00 | 0.00E+00 |
| 199 | Maple Grove 1 | 681688.5 | 4864717.0 | | | 0.00E+00 | 18.39 | 254.70 | | 0.00E+00 | 0.00E+00 |
| 200 | Maple Grove 2 | 681768.9 | 4864631.8 | | | 0.00E+00 | 18.72 | 259.34 | | 0.00E+00 | 0.00E+00 |
| 201 | Maple Grove 3 | 681894.9 | 4864506.8 | | | 0.00E+00 | 19.14 | 265.11 | | 0.00E+00 | 0.00E+00 |
| 202 | Maple Grove 4 | 681974.8 | 4864443.2 | | | 0.00E+00 | 19.66 | 272.32 | | 0.00E+00 | 0.00E+00 |
| 203 | Maple Grove 5 | 681942.2 | 4864676.7 | | | 0.00E+00 | 18.47 | 255.82 | | 0.00E+00 | 0.00E+00 |
| 204 | Maple Grove 6 | 682053.2 | 4864586.2 | | | 0.00E+00 | 19.14 | 265.04 | | 0.00E+00 | 0.00E+00 |
| 205 | Maple Grove 7 | 682168.5 | 4864631.3 | | | 0.00E+00 | 19.67 | 272.46 | | 0.00E+00 | 0.00E+00 |
| 206 | Maple Grove 8 | 682261.7 | 4864520.9 | | | 0.00E+00 | 21.59 | 299.09 | | 0.00E+00 | 0.00E+00 |
| 207 | Maple Grove 9 | 682382.1 | 4864589.4 | | | 0.00E+00 | 22.26 | 308.38 | | 0.00E+00 | 0.00E+00 |
| 208 | Maple Grove 10 | 682459.8 | 4864499.2 | | | 0.00E+00 | 23.75 | 328.97 | | 0.00E+00 | 0.00E+00 |
| 209 | Port Darlington 1 | 686227.8 | 4861159.0 | | | 0.00E+00 | 9.78 | 135.44 | | 0.00E+00 | 0.00E+00 |
| 210 | Port Darlington 2 | 686184.8 | 4861252.0 | | | 0.00E+00 | 9.76 | 135.16 | | 0.00E+00 | 0.00E+00 |
| 211 | Port Darlington 3 | 686151.2 | 4861286.8 | | | 0.00E+00 | 9.70 | 134.29 | | 0.00E+00 | 0.00E+00 |
| 212 | Port Darlington 4 | 686351.1 | 4861341.6 | | | 0.00E+00 | 9.29 | 128.68 | | 0.00E+00 | 0.00E+00 |
| 213 | Port Darlington 5 | 686406.8 | 4861448.7 | | | 0.00E+00 | 8.87 | 122.87 | | 0.00E+00 | 0.00E+00 |
| 214 | Port Darlington 6 | 686504.5 | 4861604.0 | | | 0.00E+00 | 8.64 | 119.64 | | 0.00E+00 | 0.00E+00 |
| 215 | Port Darlington 7 | 686703.0 | 4861789.3 | | | 0.00E+00 | 8.31 | 115.04 | | 0.00E+00 | 0.00E+00 |
| 216 | Port Darlington 8 | 686895.8 | 4861960.2 | | | 0.00E+00 | 7.98 | 110.51 | | 0.00E+00 | 0.00E+00 |
| 217 | Port Darlington 9 | 686867.4 | 4862119.7 | | | 0.00E+00 | 8.27 | 114.59 | | 0.00E+00 | 0.00E+00 |
| 218 | Port Darlington 10 | 687190.7 | 4862048.8 | | | 0.00E+00 | 7.62 | 105.49 | | 0.00E+00 | 0.00E+00 |
| 219 | Port Darlington 11 | 687524.4 | 4862126.8 | | | 0.00E+00 | 7.22 | 99.99 | | 0.00E+00 | 0.00E+00 |
| 220 | Campground 1 | 678646.3 | 4860337.7 | | | 0.00E+00 | 47.85 | 662.81 | | 0.00E+00 | 0.00E+00 |



Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Trichlorot rifluoroet hane | Vinyl chloride | Xylenes, m-, p- and o- | Phthalate s | DEHP | PCL5 |
|----------|----------------------|----------|-----------|-------------|----------------------------------|----------------------------|----------------|------------------------|-------------|----------|----------|
| | | | | | | V | V | V | | P | |
| | | (m) | (m) | | | | 5.10E-03 | 0.07 | | | |
| 221 | Campground 2 | 678410.2 | 4860148.6 | | | 0.00E+00 | 32.20 | 446.04 | | 0.00E+00 | 0.00E+00 |
| 222 | Campground 3 | 678651.0 | 4860054.4 | | | 0.00E+00 | 31.17 | 431.74 | | 0.00E+00 | 0.00E+00 |
| 223 | Campground 4 | 678725.9 | 4859860.7 | | | 0.00E+00 | 33.52 | 464.27 | | 0.00E+00 | 0.00E+00 |
| 224 | Campground 5 | 678511.1 | 4859808.6 | | | 0.00E+00 | 28.72 | 397.83 | | 0.00E+00 | 0.00E+00 |
| 225 | Campground 6 | 678869.5 | 4859696.0 | | | 0.00E+00 | 55.24 | 765.09 | | 0.00E+00 | 0.00E+00 |
| 226 | Campground 7 | 678723.9 | 4860201.8 | | | 0.00E+00 | 38.82 | 537.69 | | 0.00E+00 | 0.00E+00 |
| 227 | Campground 8 | 678796.0 | 4860011.4 | | | 0.00E+00 | 33.60 | 465.37 | | 0.00E+00 | 0.00E+00 |
| 228 | Campground 9 | 678852.7 | 4859854.2 | | | 0.00E+00 | 38.64 | 535.16 | | 0.00E+00 | 0.00E+00 |
| 229 | Solina 1 | 681099.6 | 4861677.2 | | | 0.00E+00 | 71.21 | 986.37 | | 0.00E+00 | 0.00E+00 |
| 230 | Solina 2 | 681115.7 | 4861857.7 | | | 0.00E+00 | 61.51 | 851.98 | | 0.00E+00 | 0.00E+00 |
| 231 | Solina 3 | 680987.4 | 4861983.5 | | | 0.00E+00 | 48.92 | 677.63 | | 0.00E+00 | 0.00E+00 |
| 232 | Solina 4 | 680965.0 | 4862068.1 | | | 0.00E+00 | 46.01 | 637.31 | | 0.00E+00 | 0.00E+00 |
| 233 | Solina 5 | 681021.5 | 4862086.7 | | | 0.00E+00 | 45.86 | 635.22 | | 0.00E+00 | 0.00E+00 |
| 234 | Solina 6 | 680939.8 | 4862124.3 | | | 0.00E+00 | 44.86 | 621.28 | | 0.00E+00 | 0.00E+00 |
| 235 | Solina 7 | 680988.2 | 4862183.6 | | | 0.00E+00 | 43.33 | 600.13 | | 0.00E+00 | 0.00E+00 |
| 236 | Solina 8 | 680984.6 | 4862209.8 | | | 0.00E+00 | 42.75 | 592.08 | | 0.00E+00 | 0.00E+00 |
| 237 | Solina 9 | 680958.6 | 4862294.9 | | | 0.00E+00 | 41.43 | 573.80 | | 0.00E+00 | 0.00E+00 |
| 238 | Solina 10 | 680858.0 | 4862324.3 | | | 0.00E+00 | 41.50 | 574.86 | | 0.00E+00 | 0.00E+00 |
| 239 | Solina 11 | 680990.3 | 4862403.5 | | | 0.00E+00 | 39.33 | 544.81 | | 0.00E+00 | 0.00E+00 |
| 240 | Recreational 1 | 681545.0 | 4860865.0 | | | 0.00E+00 | 58.09 | 804.61 | | 0.00E+00 | 0.00E+00 |
| 241 | Recreational 2 | 681563.7 | 4860687.4 | | | 0.00E+00 | 54.50 | 754.94 | | 0.00E+00 | 0.00E+00 |
| 242 | Recreational 3 | 681579.7 | 4860610.0 | | | 0.00E+00 | 50.14 | 694.49 | | 0.00E+00 | 0.00E+00 |
| 243 | Recreational 6 | 681876.6 | 4860254.4 | | | 0.00E+00 | 40.26 | 557.60 | | 0.00E+00 | 0.00E+00 |
| 244 | Recreational 7 | 682166.9 | 4860324.4 | | | 0.00E+00 | 33.14 | 458.99 | | 0.00E+00 | 0.00E+00 |
| 245 | Darlington 1 | 679565.4 | 4861052.9 | | | 0.00E+00 | 77.81 | 1077.73 | | 0.00E+00 | 0.00E+00 |
| 246 | Darlington 2 | 679452.9 | 4861051.4 | | | 0.00E+00 | 77.01 | 1066.71 | | 0.00E+00 | 0.00E+00 |
| 247 | Darlington 3 | 679130.5 | 4860948.8 | | | 0.00E+00 | 93.73 | 1298.28 | | 0.00E+00 | 0.00E+00 |
| 248 | Darlington 4 | 679112.6 | 4860941.9 | | | 0.00E+00 | 94.33 | 1306.55 | | 0.00E+00 | 0.00E+00 |
| 249 | Darlington 5 | 679057.6 | 4860994.1 | | | 0.00E+00 | 88.00 | 1218.89 | | 0.00E+00 | 0.00E+00 |
| 250 | Darlington 6 | 679075.2 | 4860931.6 | | | 0.00E+00 | 93.93 | 1300.96 | | 0.00E+00 | 0.00E+00 |
| 251 | Darlington 7 | 678814.3 | 4860843.1 | | | 0.00E+00 | 68.14 | 943.85 | | 0.00E+00 | 0.00E+00 |
| 252 | Darlington 8 | 678840.4 | 4860777.1 | | | 0.00E+00 | 68.63 | 950.62 | | 0.00E+00 | 0.00E+00 |
| 253 | Light Ind. 1 | 680000.1 | 4861034.1 | | | 0.00E+00 | 84.18 | 1165.93 | | 0.00E+00 | 0.00E+00 |
| 254 | Light Ind. 2 | 680060.7 | 4861056.4 | | | 0.00E+00 | 85.62 | 1185.96 | | 0.00E+00 | 0.00E+00 |
| 255 | Light Ind. 3 | 680291.2 | 4861151.6 | | | 0.00E+00 | 120.51 | 1669.19 | | 0.00E+00 | 0.00E+00 |
| 256 | Light Ind. 4 | 680536.3 | 4861204.6 | | | 0.00E+00 | 84.47 | 1170.01 | | 0.00E+00 | 0.00E+00 |
| 257 | Light Ind. 5 | 680350.4 | 4861290.6 | | | 0.00E+00 | 93.58 | 1296.17 | | 0.00E+00 | 0.00E+00 |
| 258 | Light Ind. 6 | 680306.9 | 4861275.6 | | | 0.00E+00 | 102.54 | 1420.21 | | 0.00E+00 | 0.00E+00 |
| 259 | Light Ind. 7 | 680267.2 | 4861262.4 | | | 0.00E+00 | 108.86 | 1507.75 | | 0.00E+00 | 0.00E+00 |
| 260 | Light Ind. 8 | 680233.6 | 4861250.7 | | | 0.00E+00 | 109.97 | 1523.24 | | 0.00E+00 | 0.00E+00 |
| 261 | Light Ind. 9 | 680175.3 | 4861227.5 | | | 0.00E+00 | 103.46 | 1433.07 | | 0.00E+00 | 0.00E+00 |
| 262 | Light Ind. 10 | 680092.5 | 4861185.1 | | | 0.00E+00 | 84.34 | 1168.17 | | 0.00E+00 | 0.00E+00 |
| 263 | Light Ind. 11 | 680071.6 | 4861246.6 | | | 0.00E+00 | 79.34 | 1098.98 | | 0.00E+00 | 0.00E+00 |
| 264 | Light Ind. 12 | 680021.4 | 4861186.9 | | | 0.00E+00 | 75.17 | 1041.14 | | 0.00E+00 | 0.00E+00 |
| 265 | Future Industrial 7 | 680816.2 | 4860219.3 | | | 0.00E+00 | 114.67 | 1588.28 | | 0.00E+00 | 0.00E+00 |
| 266 | Future Industrial 8 | 680398.0 | 4860731.8 | | | 0.00E+00 | 144.38 | 1999.79 | | 0.00E+00 | 0.00E+00 |
| 267 | Future Industrial 1 | 680359.6 | 4859959.2 | | | 0.00E+00 | 95.25 | 1319.27 | | 0.00E+00 | 0.00E+00 |
| 268 | Future Industrial 2 | 680083.7 | 4859985.7 | | | 0.00E+00 | 98.49 | 1364.21 | | 0.00E+00 | 0.00E+00 |
| 269 | Future Industrial 3 | 680819.9 | 4860705.3 | | | 0.00E+00 | 210.10 | 2910.03 | | 0.00E+00 | 0.00E+00 |
| 270 | Future Industrial 4 | 681070.0 | 4859937.2 | | | 0.00E+00 | 76.09 | 1053.89 | | 0.00E+00 | 0.00E+00 |
| 271 | Future Industrial 5 | 679898.8 | 4860067.4 | | | 0.00E+00 | 117.41 | 1626.22 | | 0.00E+00 | 0.00E+00 |
| 272 | Future Industrial 6 | 680134.8 | 4860694.1 | | | 0.00E+00 | 134.23 | 1859.21 | | 0.00E+00 | 0.00E+00 |
| 273 | Future Industrial 11 | 680253.7 | 4860255.2 | | | 0.00E+00 | 111.57 | 1545.35 | | 0.00E+00 | 0.00E+00 |
| 274 | Future Industrial 12 | 679901.2 | 4860511.8 | | | 0.00E+00 | 189.46 | 2624.14 | | 0.00E+00 | 0.00E+00 |
| 275 | Commercial Farmer | 679867.8 | 4860445.4 | | | 0.00E+00 | 154.81 | 2144.31 | | 0.00E+00 | 0.00E+00 |



Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Trichlorot rifluoroet hane | Vinyl chloride | Xylenes, m-, p- and o- | Phthalate s | DEHP | PCL5 | | | | | |
|----------|----------------------------|----------|-----------|-------------|----------------------------------|----------------------------|----------------|------------------------|-------------|----------|----------|--|---|----------|------|---|
| | | | | | | | | | | | | Vapour (V)/Particulate (P) Phase | V | V | V | P |
| | | (m) | (m) | | | | | | | | | Updated Facility Contaminant Emission Rate (g/s) | | 5.10E-03 | 0.07 | |
| 276 | Farmer | 679277.0 | 4859981.5 | | | 0.00E+00 | 54.44 | 753.99 | | 0.00E+00 | 0.00E+00 | | | | | |
| 277 | Residence | 679387.2 | 4860648.9 | | | 0.00E+00 | 103.86 | 1438.56 | | 0.00E+00 | 0.00E+00 | | | | | |
| 278 | Barn | 679261.9 | 4860574.2 | | | 0.00E+00 | 86.68 | 1200.60 | | 0.00E+00 | 0.00E+00 | | | | | |
| 279 | Residence | 680150.7 | 4861295.7 | | | 0.00E+00 | 94.94 | 1314.97 | | 0.00E+00 | 0.00E+00 | | | | | |
| 280 | Residence | 679939.8 | 4861213.4 | | | 0.00E+00 | 69.58 | 963.70 | | 0.00E+00 | 0.00E+00 | | | | | |
| 281 | Farmer | 680855.7 | 4861456.9 | | | 0.00E+00 | 70.50 | 976.47 | | 0.00E+00 | 0.00E+00 | | | | | |
| 282 | Farmer | 681386.2 | 4861673.3 | | | 0.00E+00 | 73.70 | 1020.77 | | 0.00E+00 | 0.00E+00 | | | | | |
| 283 | Residence | 680683.5 | 4861597.9 | | | 0.00E+00 | 59.44 | 823.34 | | 0.00E+00 | 0.00E+00 | | | | | |
| 284 | Business | 680064.3 | 4861343.7 | | | 0.00E+00 | 76.68 | 1062.16 | | 0.00E+00 | 0.00E+00 | | | | | |
| 285 | Farmer | 679680.1 | 4861213.5 | | | 0.00E+00 | 76.01 | 1052.76 | | 0.00E+00 | 0.00E+00 | | | | | |
| 286 | Farmer | 681344.8 | 4861792.9 | | | 0.00E+00 | 65.34 | 905.01 | | 0.00E+00 | 0.00E+00 | | | | | |
| 287 | Youth Centre | 685644.2 | 4864814.8 | | | 0.00E+00 | 17.00 | 235.40 | | 0.00E+00 | 0.00E+00 | | | | | |
| 288 | Bowmanville Arena | 685462.9 | 4864615.2 | | | 0.00E+00 | 17.60 | 243.84 | | 0.00E+00 | 0.00E+00 | | | | | |
| 289 | Bowmanville Rec Complex | 684160.3 | 4864604.5 | | | 0.00E+00 | 22.21 | 307.69 | | 0.00E+00 | 0.00E+00 | | | | | |
| 290 | Recreation Complex | 684586.6 | 4862406.3 | | | 0.00E+00 | 15.49 | 214.53 | | 0.00E+00 | 0.00E+00 | | | | | |
| 291 | Superdog Central | 681487.7 | 4865723.3 | | | 0.00E+00 | 14.12 | 195.62 | | 0.00E+00 | 0.00E+00 | | | | | |
| 292 | Equestrian Centre | 681567.1 | 4863670.7 | | | 0.00E+00 | 23.70 | 328.25 | | 0.00E+00 | 0.00E+00 | | | | | |
| 293 | Flea Market | 678574.6 | 4862819.4 | | | 0.00E+00 | 22.02 | 305.05 | | 0.00E+00 | 0.00E+00 | | | | | |
| 294 | Equestrian Centre | 680030.8 | 4867320.2 | | | 0.00E+00 | 9.42 | 130.43 | | 0.00E+00 | 0.00E+00 | | | | | |
| 295 | Courtice Community Complex | 678099.3 | 4864629.8 | | | 0.00E+00 | 13.80 | 191.16 | | 0.00E+00 | 0.00E+00 | | | | | |
| 296 | Former Restaurant | 679830.2 | 4860702.2 | | | 0.00E+00 | 164.41 | 2277.18 | | 0.00E+00 | 0.00E+00 | | | | | |
| 297 | Commercial | 679364.8 | 4861016.0 | | | 0.00E+00 | 82.34 | 1140.54 | | 0.00E+00 | 0.00E+00 | | | | | |
| 298 | GM Oshawa Headquarters | 676418.3 | 4860463.7 | | | 0.00E+00 | 22.58 | 312.79 | | 0.00E+00 | 0.00E+00 | | | | | |
| 299 | Farm A? | 682972.3 | 4862201.9 | | | 0.00E+00 | 31.82 | 440.68 | | 0.00E+00 | 0.00E+00 | | | | | |
| 300 | Farm B? | 683546.9 | 4861959.7 | | | 0.00E+00 | 21.30 | 294.97 | | 0.00E+00 | 0.00E+00 | | | | | |
| 301 | Farm C? | 682547.5 | 4862321.1 | | | 0.00E+00 | 45.81 | 634.49 | | 0.00E+00 | 0.00E+00 | | | | | |
| 302 | Farm D? | 683238.3 | 4862393.3 | | | 0.00E+00 | 28.39 | 393.22 | | 0.00E+00 | 0.00E+00 | | | | | |
| 303 | Farm E? | 682512.6 | 4862858.0 | | | 0.00E+00 | 39.21 | 543.14 | | 0.00E+00 | 0.00E+00 | | | | | |
| 304 | Farm F? | 683129.1 | 4863649.4 | | | 0.00E+00 | 30.11 | 417.10 | | 0.00E+00 | 0.00E+00 | | | | | |
| 305 | Bennett 1 | 688209.3 | 4862512.1 | | | 0.00E+00 | 6.74 | 93.40 | | 0.00E+00 | 0.00E+00 | | | | | |
| 306 | Bennett 2 | 687990.0 | 4863221.3 | | | 0.00E+00 | 7.45 | 103.26 | | 0.00E+00 | 0.00E+00 | | | | | |
| 307 | Bennett 3 | 688818.4 | 4862836.3 | | | 0.00E+00 | 6.38 | 88.32 | | 0.00E+00 | 0.00E+00 | | | | | |
| 308 | Bennett 4 | 689045.1 | 4863365.5 | | | 0.00E+00 | 6.50 | 90.10 | | 0.00E+00 | 0.00E+00 | | | | | |
| 309 | Bennett 5 | 688270.5 | 4863763.1 | | | 0.00E+00 | 7.95 | 110.13 | | 0.00E+00 | 0.00E+00 | | | | | |
| 310 | Bennett 6 | 689908.5 | 4863100.5 | | | 0.00E+00 | 5.52 | 76.50 | | 0.00E+00 | 0.00E+00 | | | | | |
| 311 | Bennett 7 | 688929.9 | 4864392.0 | | | 0.00E+00 | 7.57 | 104.88 | | 0.00E+00 | 0.00E+00 | | | | | |
| 312 | Bennett 8 | 689684.2 | 4863837.7 | | | 0.00E+00 | 6.29 | 87.16 | | 0.00E+00 | 0.00E+00 | | | | | |
| 313 | Soper 1 | 687557.9 | 4862512.4 | | | 0.00E+00 | 7.59 | 105.18 | | 0.00E+00 | 0.00E+00 | | | | | |
| 314 | Soper 2 | 687241.9 | 4863171.7 | | | 0.00E+00 | 8.59 | 118.92 | | 0.00E+00 | 0.00E+00 | | | | | |
| 315 | Soper 3 | 687023.2 | 4863903.8 | | | 0.00E+00 | 9.32 | 129.12 | | 0.00E+00 | 0.00E+00 | | | | | |
| 316 | Soper 4 | 688158.2 | 4865389.3 | | | 0.00E+00 | 8.86 | 122.70 | | 0.00E+00 | 0.00E+00 | | | | | |
| 317 | Soper 5 | 685027.3 | 4868253.9 | | | 0.00E+00 | 11.64 | 161.28 | | 0.00E+00 | 0.00E+00 | | | | | |
| 318 | Soper 6 | 687287.4 | 4867037.3 | | | 0.00E+00 | 11.95 | 165.53 | | 0.00E+00 | 0.00E+00 | | | | | |
| 319 | Soper 7 | 685683.2 | 4867148.1 | | | 0.00E+00 | 13.26 | 183.62 | | 0.00E+00 | 0.00E+00 | | | | | |
| 320 | Soper 8 | 686748.7 | 4865874.7 | | | 0.00E+00 | 13.66 | 189.20 | | 0.00E+00 | 0.00E+00 | | | | | |
| 321 | Bowmanville 1 | 687026.3 | 4862368.4 | | | 0.00E+00 | 8.34 | 115.51 | | 0.00E+00 | 0.00E+00 | | | | | |
| 322 | Bowmanville 2 | 686625.7 | 4863020.3 | | | 0.00E+00 | 9.66 | 133.79 | | 0.00E+00 | 0.00E+00 | | | | | |
| 323 | Bowmanville 3 | 683380.3 | 4865365.9 | | | 0.00E+00 | 18.72 | 259.25 | | 0.00E+00 | 0.00E+00 | | | | | |
| 324 | Bowmanville 4 | 683111.4 | 4867150.3 | | | 0.00E+00 | 11.65 | 161.33 | | 0.00E+00 | 0.00E+00 | | | | | |
| 325 | Bowmanville 5 | 682452.2 | 4869417.5 | | | 0.00E+00 | 8.32 | 115.17 | | 0.00E+00 | 0.00E+00 | | | | | |
| 326 | Bowmanville 6 | 684778.5 | 4864888.2 | | | 0.00E+00 | 19.73 | 273.26 | | 0.00E+00 | 0.00E+00 | | | | | |
| 327 | Bowmanville 7 | 684549.5 | 4866404.4 | | | 0.00E+00 | 15.39 | 213.22 | | 0.00E+00 | 0.00E+00 | | | | | |
| 328 | Upper Tooley 1 | 679944.8 | 4864883.1 | | | 0.00E+00 | 17.08 | 236.55 | | 0.00E+00 | 0.00E+00 | | | | | |
| 329 | Upper Tooley 2 | 679055.1 | 4863885.8 | | | 0.00E+00 | 21.87 | 302.98 | | 0.00E+00 | 0.00E+00 | | | | | |
| 330 | Upper Tooley 3 | 679714.0 | 4862767.4 | | | 0.00E+00 | 39.31 | 544.46 | | 0.00E+00 | 0.00E+00 | | | | | |



Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Trichlorot rifluoroet hane | Vinyl chloride | Xylenes, m-, p- and o- | Phthalate s | DEHP | PCL5 | | | | | |
|----------|------------------|--|-----------|-------------|----------------------------------|----------------------------|----------------|------------------------|-------------|----------|----------|----------------------------------|---|---|---|---|
| | | (m) | (m) | | | | | | | | | Vapour (V)/Particulate (P) Phase | V | V | V | P |
| | | Updated Facility Contaminant Emission Rate (g/s) | | | | | | | | | | | | | | |
| 331 | Upper Tooley 4 | 678898.8 | 4861800.6 | | | 0.00E+00 | 43.70 | 605.31 | | 0.00E+00 | 0.00E+00 | | | | | |
| 332 | Upper Tooley 5 | 680353.5 | 4862156.5 | | | 0.00E+00 | 41.57 | 575.82 | | 0.00E+00 | 0.00E+00 | | | | | |
| 333 | Upper Tooley 6 | 679818.1 | 4861625.7 | | | 0.00E+00 | 49.12 | 680.37 | | 0.00E+00 | 0.00E+00 | | | | | |
| 334 | Robinson 1 | 678434.8 | 4860943.1 | | | 0.00E+00 | 53.81 | 745.37 | | 0.00E+00 | 0.00E+00 | | | | | |
| 335 | Robinson 2 | 677752.6 | 4861240.6 | | | 0.00E+00 | 43.48 | 602.30 | | 0.00E+00 | 0.00E+00 | | | | | |
| 336 | Robinson 3 | 677642.2 | 4861787.2 | | | 0.00E+00 | 36.92 | 511.35 | | 0.00E+00 | 0.00E+00 | | | | | |
| 337 | Robinson 4 | 678532.7 | 4862143.6 | | | 0.00E+00 | 37.72 | 522.40 | | 0.00E+00 | 0.00E+00 | | | | | |
| 338 | Robinson 5 | 678005.1 | 4862784.9 | | | 0.00E+00 | 29.90 | 414.17 | | 0.00E+00 | 0.00E+00 | | | | | |
| 339 | Robinson 6 | 677882.7 | 4860587.7 | | | 0.00E+00 | 37.79 | 523.43 | | 0.00E+00 | 0.00E+00 | | | | | |
| 340 | F/B 1 | 677443.1 | 4867862.1 | | | 0.00E+00 | 9.49 | 131.38 | | 0.00E+00 | 0.00E+00 | | | | | |
| 341 | F/B 2 | 679667.4 | 4866611.4 | | | 0.00E+00 | 12.64 | 175.03 | | 0.00E+00 | 0.00E+00 | | | | | |
| 342 | F/B 3 | 678655.0 | 4867470.1 | | | 0.00E+00 | 13.75 | 190.52 | | 0.00E+00 | 0.00E+00 | | | | | |
| 343 | F/B 4 | 676191.2 | 4866844.7 | | | 0.00E+00 | 7.96 | 110.19 | | 0.00E+00 | 0.00E+00 | | | | | |
| 344 | F/B 5 | 678273.3 | 4866093.0 | | | 0.00E+00 | 12.86 | 178.11 | | 0.00E+00 | 0.00E+00 | | | | | |
| 345 | F/B 6 | 681241.2 | 4867098.8 | | | 0.00E+00 | 10.65 | 147.58 | | 0.00E+00 | 0.00E+00 | | | | | |
| 346 | F/B 7 | 682165.3 | 4868082.3 | | | 0.00E+00 | 9.98 | 138.26 | | 0.00E+00 | 0.00E+00 | | | | | |
| 347 | F/B 8 | 679366.6 | 4868628.3 | | | 0.00E+00 | 9.32 | 129.03 | | 0.00E+00 | 0.00E+00 | | | | | |
| 348 | F/B 9 | 680310.1 | 4869967.1 | | | 0.00E+00 | 6.42 | 88.93 | | 0.00E+00 | 0.00E+00 | | | | | |
| 349 | F/B 10 | 676487.3 | 4869291.6 | | | 0.00E+00 | 7.11 | 98.53 | | 0.00E+00 | 0.00E+00 | | | | | |
| 350 | F/B 11 | 676851.4 | 4865409.3 | | | 0.00E+00 | 10.03 | 138.89 | | 0.00E+00 | 0.00E+00 | | | | | |
| 351 | F/B 12 | 681153.3 | 4868682.2 | | | 0.00E+00 | 8.66 | 119.95 | | 0.00E+00 | 0.00E+00 | | | | | |
| 352 | F/B 13 | 675416.3 | 4859833.9 | | | 0.00E+00 | 13.50 | 187.02 | | 0.00E+00 | 0.00E+00 | | | | | |
| 353 | Second 1 | 675153.4 | 4860552.8 | | | 0.00E+00 | 16.64 | 230.46 | | 0.00E+00 | 0.00E+00 | | | | | |
| 354 | Second 2 | 675297.5 | 4860891.3 | | | 0.00E+00 | 17.31 | 239.71 | | 0.00E+00 | 0.00E+00 | | | | | |
| 355 | Second 3 | 675647.2 | 4860644.9 | | | 0.00E+00 | 18.99 | 263.01 | | 0.00E+00 | 0.00E+00 | | | | | |
| 356 | Second 4 | 675670.5 | 4860076.5 | | | 0.00E+00 | 15.98 | 221.39 | | 0.00E+00 | 0.00E+00 | | | | | |
| 357 | Second 5 | 676043.3 | 4860319.1 | | | 0.00E+00 | 19.50 | 270.10 | | 0.00E+00 | 0.00E+00 | | | | | |
| 358 | Second 6 | 675923.4 | 4859821.4 | | | 0.00E+00 | 14.63 | 202.58 | | 0.00E+00 | 0.00E+00 | | | | | |
| 359 | McLaughlin Bay 1 | 676714.7 | 4860903.8 | | | 0.00E+00 | 24.53 | 339.82 | | 0.00E+00 | 0.00E+00 | | | | | |
| 360 | McLaughlin Bay 2 | 677310.8 | 4860528.2 | | | 0.00E+00 | 30.51 | 422.64 | | 0.00E+00 | 0.00E+00 | | | | | |
| 361 | McLaughlin Bay 3 | 676563.5 | 4860260.1 | | | 0.00E+00 | 21.74 | 301.11 | | 0.00E+00 | 0.00E+00 | | | | | |
| 362 | McLaughlin Bay 4 | 676699.5 | 4859696.6 | | | 0.00E+00 | 16.42 | 227.43 | | 0.00E+00 | 0.00E+00 | | | | | |
| 363 | McLaughlin Bay 5 | 677560.0 | 4860060.1 | | | 0.00E+00 | 23.39 | 323.92 | | 0.00E+00 | 0.00E+00 | | | | | |
| 364 | McLaughlin Bay 6 | 678204.5 | 4859832.5 | | | 0.00E+00 | 24.21 | 335.27 | | 0.00E+00 | 0.00E+00 | | | | | |
| 365 | Harmony Creek 1 | 674178.3 | 4861024.2 | | | 0.00E+00 | 15.51 | 214.76 | | 0.00E+00 | 0.00E+00 | | | | | |
| 366 | Harmony Creek 2 | 674592.0 | 4862605.3 | | | 0.00E+00 | 21.26 | 294.53 | | 0.00E+00 | 0.00E+00 | | | | | |
| 367 | Harmony Creek 3 | 672863.4 | 4862808.0 | | | 0.00E+00 | 15.66 | 216.90 | | 0.00E+00 | 0.00E+00 | | | | | |
| 368 | Harmony Creek 4 | 675671.6 | 4864469.0 | | | 0.00E+00 | 13.05 | 180.71 | | 0.00E+00 | 0.00E+00 | | | | | |
| 369 | Harmony Creek 5 | 672443.1 | 4864713.0 | | | 0.00E+00 | 10.12 | 140.24 | | 0.00E+00 | 0.00E+00 | | | | | |
| 370 | Harmony Creek 6 | 674830.5 | 4866909.6 | | | 0.00E+00 | 10.13 | 140.25 | | 0.00E+00 | 0.00E+00 | | | | | |
| 371 | Harmony Creek 7 | 675799.9 | 4868594.1 | | | 0.00E+00 | 6.46 | 89.54 | | 0.00E+00 | 0.00E+00 | | | | | |
| 372 | Westside 1 | 686082.6 | 4862776.6 | | | 0.00E+00 | 10.56 | 146.33 | | 0.00E+00 | 0.00E+00 | | | | | |
| 373 | Westside 2 | 685778.7 | 4862137.9 | | | 0.00E+00 | 10.36 | 143.45 | | 0.00E+00 | 0.00E+00 | | | | | |
| 374 | Westside 3 | 685084.2 | 4862827.4 | | | 0.00E+00 | 13.88 | 192.20 | | 0.00E+00 | 0.00E+00 | | | | | |
| 375 | Darlington 1 | 680977.5 | 4865674.4 | | | 0.00E+00 | 13.49 | 186.88 | | 0.00E+00 | 0.00E+00 | | | | | |
| 376 | Darlington 2 | 680913.9 | 4863967.1 | | | 0.00E+00 | 20.35 | 281.81 | | 0.00E+00 | 0.00E+00 | | | | | |
| 377 | Darlington 3 | 682602.8 | 4863659.6 | | | 0.00E+00 | 27.61 | 382.47 | | 0.00E+00 | 0.00E+00 | | | | | |
| 378 | Darlington 4 | 682206.4 | 4862910.4 | | | 0.00E+00 | 36.21 | 501.53 | | 0.00E+00 | 0.00E+00 | | | | | |
| 379 | Darlington 5 | 683223.2 | 4861114.0 | | | 0.00E+00 | 21.06 | 291.63 | | 0.00E+00 | 0.00E+00 | | | | | |
| 380 | Darlington 6 | 683947.7 | 4862362.0 | | | 0.00E+00 | 18.69 | 258.90 | | 0.00E+00 | 0.00E+00 | | | | | |
| 381 | Darlington 7 | 685361.9 | 4861143.4 | | | 0.00E+00 | 11.81 | 163.61 | | 0.00E+00 | 0.00E+00 | | | | | |
| 382 | Bennett ECO/HH | 688606.4 | 4862634.8 | | | 0.00E+00 | 6.40 | 88.64 | | 0.00E+00 | 0.00E+00 | | | | | |
| 383 | Oshawa ECO/HH | 673884.9 | 4859128.9 | | | 0.00E+00 | 8.82 | 122.15 | | 0.00E+00 | 0.00E+00 | | | | | |
| 384 | Oshawa Creek 1 | 671671.2 | 4862793.7 | | | 0.00E+00 | 11.78 | 163.16 | | 0.00E+00 | 0.00E+00 | | | | | |
| 385 | Oshawa Creek 2 | 671668.5 | 4861589.5 | | | 0.00E+00 | 10.00 | 138.46 | | 0.00E+00 | 0.00E+00 | | | | | |



Appendix G- 4: Summary of The Predicted Annual Average Wet CoPC Deposition at Special Receptor. Scenario 1B

| Receptor | Name | UTM E | UTM N | Contaminant | Chlorinated Polycyclic Aromatics | Trichloroethylene | Vinyl chloride | Xylenes, m-, p- and o- | Phthalates | DEHP | PCL5 |
|----------|-------------------|----------|-----------|--|----------------------------------|-------------------|----------------|------------------------|------------|----------|----------|
| | | | | Vapour (V)/Particulate (P) Phase | | V | V | V | | P | |
| | | (m) | (m) | Updated Facility Contaminant Emission Rate (g/s) | | | 5.10E-03 | 0.07 | | | |
| 386 | Oshawa Creek 3 | 672820.2 | 4861287.2 | | | 0.00E+00 | 12.28 | 170.04 | | 0.00E+00 | 0.00E+00 |
| 387 | Oshawa Creek 4 | 672360.3 | 4860262.6 | | | 0.00E+00 | 9.90 | 137.12 | | 0.00E+00 | 0.00E+00 |
| 388 | Oshawa Creek 5 | 673921.2 | 4860115.0 | | | 0.00E+00 | 12.26 | 169.85 | | 0.00E+00 | 0.00E+00 |
| 389 | Oshawa Creek 6 | 673154.0 | 4859421.9 | | | 0.00E+00 | 8.59 | 119.00 | | 0.00E+00 | 0.00E+00 |
| 390 | Farmer | 677409.8 | 4861051.4 | | | 0.00E+00 | 36.35 | 503.50 | | 0.00E+00 | 0.00E+00 |
| 391 | Commercial Market | 688276.3 | 4864698.5 | | | 0.00E+00 | 7.65 | 106.03 | | 0.00E+00 | 0.00E+00 |