**Table C-4. Acute and chronic hazard quotients for aquatic life based on surface water exposures.**

| | Acute Screening Value | | | | 95th Percentile Surface Water Concentration (µg/L) | | | | Acute HQ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chemical | RM 0 - 3.2 | RM 3.2 - 4.9 | RM 4.9 - 6.5 | RM 6.5 - 8.8 | RM 0 - 3.2 | RM 3.2 - 4.9 | RM 4.9 - 6.5 | RM 6.5 - 8.8 | RM 0 - 3.2 | RM 3.2 - 4.9 | RM 4.9 - 6.5 | RM 6.5 - 8.8 |
| **Metals** | | | | | | | | | | | | |
| Aluminum | 750 | 750 | 750 | 750 | 3464.15 | 2364.92 | 1396.04 | 1129.29 | 4.62E+00 | 3.15E+00 | 1.86E+00 | 1.51E+00 |
| Antimony | 88 | 88 | 88 | 88 | 1.05 | 1.05 | 1.05 | 7.26 | 1.19E-02 | 1.19E-02 | 1.19E-02 | 8.25E-02 |
| Arsenic | 340 | 340 | 340 | 340 | 2.98 | 4.93 | 1.15 | 1.15 | 8.77E-03 | 1.45E-02 | 3.38E-03 | 3.38E-03 |
| Barium | 7250 | 7250 | 7250 | 7250 | 67.32 | 77.80 | 104.48 | 74.29 | 9.29E-03 | 1.07E-02 | 1.44E-02 | 1.02E-02 |
| Cadmium | 11.1 | 11.5 | 13.8 | 15.3 | 0.27 | 0.10 | 0.34 | 0.10 | 2.45E-02 | 8.70E-03 | 2.49E-02 | 6.55E-03 |
| Chromium | 16 | 16 | 16 | 16 | 6.39 | 5.01 | 3.63 | 3.98 | 4.00E-01 | 3.13E-01 | 2.27E-01 | 2.49E-01 |
| Cobalt | 555 | 555 | 555 | 555 | 1.87 | 1.87 | 1.75 | 1.16 | 3.37E-03 | 3.37E-03 | 3.15E-03 | 2.08E-03 |
| Copper | 30 | 31 | 36 | 39 | 14.14 | 11.70 | 12.67 | 18.62 | 4.76E-01 | 3.83E-01 | 3.57E-01 | 4.81E-01 |
| Iron | - | - | - | - | 5686.68 | 4935.41 | 3354.21 | 1899.29 | - | - | - | - |
| Lead | 338 | 351 | 431 | 484 | 9.78 | 9.66 | 9.11 | 6.76 | 2.89E-02 | 2.75E-02 | 2.12E-02 | 1.40E-02 |
| Manganese | 27 | 27 | 27 | 27 | 103.44 | 133.56 | 572.68 | 163.43 | 3.83E+00 | 4.95E+00 | 2.12E+01 | 6.05E+00 |
| Mercury | 1.7 | 1.7 | 1.7 | 1.7 | 0.17 | 0.20 | 0.17 | 0.27 | 1.00E-01 | 1.17E-01 | 1.01E-01 | 1.58E-01 |
| Nickel | 922 | 945 | 1082 | 1170 | 9.63 | 9.14 | 11.49 | 7.58 | 1.04E-02 | 9.67E-03 | 1.06E-02 | 6.48E-03 |
| Selenium | 19.34 | 19.34 | 19.34 | 19.34 | 8.12 | 8.63 | 7.94 | 6.89 | 4.20E-01 | 4.46E-01 | 4.10E-01 | 3.56E-01 |
| Thallium | 700 | 700 | 700 | 700 | 3.72 | 1.60 | 1.60 | 1.60 | 5.31E-03 | 2.29E-03 | 2.29E-03 | 2.29E-03 |
| Vanadium | 310 | 310 | 310 | 310 | 8.69 | 6.68 | 4.24 | 3.89 | 2.80E-02 | 2.15E-02 | 1.37E-02 | 1.26E-02 |
| Zinc | 236 | 242 | 277 | 299 | 31.12 | 26.99 | 39.28 | 47.41 | 1.32E-01 | 1.12E-01 | 1.42E-01 | 1.58E-01 |
| **Conventionals** | | | | | | | | | | | | |
| Ammonia | 18309 | 20910 | 12624 | 11589 | 0.30 | 0.36 | 5.24 | 0.42 | 1.62E-05 | 1.72E-05 | 4.15E-04 | 3.60E-05 |
| Cyanide | 22 | 22 | 22 | 22 | 6.61 | 6.26 | 19.18 | 3.99 | 3.00E-01 | 2.85E-01 | 8.72E-01 | 1.81E-01 |
| Hardness (mg/L; 95% LCL) | - | - | - | - | 222.23 | 228.92 | 268.56 | 294.40 | - | - | - | - |
| pH (95% UCL) | - | - | - | - | 7.55 | 7.47 | 7.78 | 7.83 | - | - | - | - |
| pH (95% LCL) | - | - | - | - | 7.27 | 7.28 | 7.38 | 7.38 | - | - | - | - |
| Temperature (°C) | - | - | - | - | 24.9 | 23.7 | 21.2 | 21.1 | - | - | - | - |
| **PAHs** | | | | | | | | | | | | |
| Benzo[a]anthracene | 9.6 | 9.6 | 9.6 | 9.6 | 5.00 | 5.00 | 5.00 | 29.82 | 5.21E-01 | 5.21E-01 | 5.21E-01 | 3.11E+00 |
| Benzo[a]pyrene | 4.1 | 4.1 | 4.1 | 4.1 | 8.65 | 5.00 | 12.13 | 29.82 | 2.11E+00 | 1.22E+00 | 2.96E+00 | 7.27E+00 |
| Benzo[b]fluoranthene | 2.89 | 2.89 | 2.89 | 2.89 | 8.65 | 5.00 | 12.13 | 29.82 | 2.99E+00 | 1.73E+00 | 4.20E+00 | 1.03E+01 |
| Benzo[g,h,i]perylene | 1.88 | 1.88 | 1.88 | 1.88 | 8.65 | 5.00 | 12.13 | 29.82 | 4.60E+00 | 2.66E+00 | 6.45E+00 | 1.59E+01 |
| Benzo[k]fluoranthene | 2.77 | 2.77 | 2.77 | 2.77 | 8.65 | 5.00 | 12.13 | 29.82 | 3.12E+00 | 1.81E+00 | 4.38E+00 | 1.08E+01 |
| Chrysene | 8.80 | 8.80 | 8.80 | 8.80 | 5.00 | 5.00 | 5.00 | 29.82 | 5.68E-01 | 5.68E-01 | 5.68E-01 | 3.39E+00 |
| Dibenz[a,h]anthracene | 2.45 | 2.45 | 2.45 | 2.45 | 8.65 | 5.00 | 12.13 | 29.82 | 3.53E+00 | 2.04E+00 | 4.95E+00 | 1.22E+01 |
| Indeno[1,2,3-cd]pyrene | 2.38 | 2.38 | 2.38 | 2.38 | 8.65 | 5.00 | 12.13 | 29.82 | 3.64E+00 | 2.10E+00 | 5.11E+00 | 1.26E+01 |
| Pyrene | 43.70 | 43.70 | 43.70 | 43.70 | 5.00 | 5.00 | 5.00 | 29.82 | 1.14E-01 | 1.14E-01 | 1.14E-01 | 6.82E-01 |

**Table C-4. Acute and chronic hazard quotients for aquatic life based on surface water exposures.**

| | Acute Screening Value | | | | 95th Percentile Surface Water Concentration (µg/L) | | | | Acute HQ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chemical | RM 0 - 3.2 | RM 3.2 - 4.9 | RM 4.9 - 6.5 | RM 6.5 - 8.8 | RM 0 - 3.2 | RM 3.2 - 4.9 | RM 4.9 - 6.5 | RM 6.5 - 8.8 | RM 0 - 3.2 | RM 3.2 - 4.9 | RM 4.9 - 6.5 | RM 6.5 - 8.8 |
| **Pesticides** | | | | | | | | | | | | |
| Atrazine | 18.5 | 18.5 | 18.5 | 18.5 | 7.03 | 5.00 | 5.00 | 5.00 | 3.80E-01 | 2.70E-01 | 2.70E-01 | 2.70E-01 |
| **Semivolatile Organics** | | | | | | | | | | | | |
| 1,1'-Biphenyl | 230.00 | 230.00 | 230.00 | 230.00 | 5.00 | 5.00 | 5.00 | 29.82 | 2.17E-02 | 2.17E-02 | 2.17E-02 | 1.30E-01 |
| 2-Chlorophenol | 500.00 | 500.00 | 500.00 | 500.00 | 5.00 | 5.00 | 5.00 | 29.82 | 1.00E-02 | 1.00E-02 | 1.00E-02 | 5.96E-02 |
| 2,4,5-Trichlorophenol | 225.00 | 225.00 | 225.00 | 225.00 | 12.50 | 12.50 | 12.50 | 74.56 | 5.56E-02 | 5.56E-02 | 5.56E-02 | 3.31E-01 |
| 2,4,6-Trichlorophenol | 90.00 | 90.00 | 90.00 | 90.00 | 5.00 | 5.00 | 5.00 | 29.82 | 5.56E-02 | 5.56E-02 | 5.56E-02 | 3.31E-01 |
| 2,4-Dichlorophenol | 620.00 | 620.00 | 620.00 | 620.00 | 5.00 | 5.00 | 5.00 | 29.82 | 8.06E-03 | 8.06E-03 | 8.06E-03 | 4.81E-02 |
| 2,4-Dimethylphenol | 1050.00 | 1050.00 | 1050.00 | 1050.00 | 5.00 | 5.00 | 5.00 | 29.82 | 4.76E-03 | 4.76E-03 | 4.76E-03 | 2.84E-02 |
| 2,4-Dinitrophenol | 30.00 | 30.00 | 30.00 | 30.00 | 12.50 | 12.50 | 12.50 | 74.56 | 4.17E-01 | 4.17E-01 | 4.17E-01 | 2.49E+00 |
| 2-Methylphenol | 2500.00 | 2500.00 | 2500.00 | 2500.00 | 5.00 | 5.00 | 5.00 | 29.82 | 2.00E-03 | 2.00E-03 | 2.00E-03 | 1.19E-02 |
| 2-Nitrophenol | 800.00 | 800.00 | 800.00 | 800.00 | 5.00 | 5.00 | 5.00 | 29.82 | 6.25E-03 | 6.25E-03 | 6.25E-03 | 3.73E-02 |
| 3,3'-Dichlorobenzidine | 525.00 | 525.00 | 525.00 | 525.00 | 5.00 | 5.00 | 5.00 | 29.82 | 9.52E-03 | 9.52E-03 | 9.52E-03 | 5.68E-02 |
| 4,6-Dinitro-2-methylphenol | 33.00 | 33.00 | 33.00 | 33.00 | 12.50 | 12.50 | 12.50 | 74.56 | 3.79E-01 | 3.79E-01 | 3.79E-01 | 2.26E+00 |
| 4-Chloro-3-methylphenol | 458.50 | 458.50 | 458.50 | 458.50 | 5.00 | 5.00 | 5.00 | 29.82 | 1.09E-02 | 1.09E-02 | 1.09E-02 | 6.50E-02 |
| 4-Methylphenol | 700.00 | 700.00 | 700.00 | 700.00 | 5.00 | 5.00 | 5.00 | 29.82 | 7.14E-03 | 7.14E-03 | 7.14E-03 | 4.26E-02 |
| 4-Nitrophenol | 550.00 | 550.00 | 550.00 | 550.00 | 12.50 | 12.50 | 12.50 | 74.56 | 2.27E-02 | 2.27E-02 | 2.27E-02 | 1.36E-01 |
| bis(2-Ethylhexyl)phthalate | 400.00 | 400.00 | 400.00 | 400.00 | 5.00 | 7.78 | 7.78 | 37.75 | 1.25E-02 | 1.95E-02 | 1.95E-02 | 9.44E-02 |
| Butylbenzylphthalate | 390.00 | 390.00 | 390.00 | 390.00 | 5.00 | 5.00 | 5.00 | 29.82 | 1.28E-02 | 1.28E-02 | 1.28E-02 | 7.65E-02 |
| Dimethylphthalate | 16500.00 | 16500.00 | 16500.00 | 16500.00 | 5.00 | 5.00 | 5.00 | 5.00 | 3.03E-04 | 3.03E-04 | 3.03E-04 | 3.03E-04 |
| Di-n-octylphthalate | - | - | - | - | 8.65 | 5.00 | 12.13 | 29.82 | - | - | - | - |
| Pentachlorophenol | 11.39 | 11.56 | 12.72 | 12.83 | 12.50 | 12.50 | 12.50 | 74.56 | 1.10E+00 | 1.08E+00 | 9.82E-01 | 5.81E+00 |
| Phenol | 22.50 | 22.50 | 22.50 | 22.50 | 5.00 | 5.00 | 5.00 | 29.82 | 2.22E-01 | 2.22E-01 | 2.22E-01 | 1.33E+00 |

RM = River Mile
HQ = Hazard Quotient
UCL = Upper Confidence Limit

**Table C-4. Acute and chronic hazard quotients for aquatic life based on surface water exposures.**

| | Chronic Screening Value | | | | 95% UCL Surface Water Concentration (µg/L) | | | | Chronic HQ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chemical | RM 0 - 3.2 | RM 3.2 - 4.9 | RM 4.9 - 6.5 | RM 6.5 - 8.8 | RM 0 - 3.2 | RM 3.2 - 4.9 | RM 4.9 - 6.5 | RM 6.5 - 8.8 | RM 0 - 3.2 | RM 3.2 - 4.9 | RM 4.9 - 6.5 | RM 6.5 - 8.8 |
| **Metals** | | | | | | | | | | | | |
| Aluminum | 87 | 87 | 87 | 87 | 2601.68 | 2188.71 | 1240.40 | 1103.14 | 2.99E+01 | 2.52E+01 | 1.43E+01 | 1.27E+01 |
| Antimony | 30 | 30 | 30 | 30 | 1.05 | 1.05 | 1.05 | 5.62 | 3.50E-02 | 3.50E-02 | 3.50E-02 | 1.87E-01 |
| Arsenic | 150 | 150 | 150 | 150 | 2.01 | 3.37 | 1.15 | 1.15 | 1.34E-02 | 2.25E-02 | 7.67E-03 | 7.67E-03 |
| Barium | 1450 | 1450 | 1450 | 1450 | 63.48 | 69.27 | 86.09 | 70.37 | 4.38E-02 | 4.78E-02 | 5.94E-02 | 4.85E-02 |
| Cadmium | 4.6 | 4.7 | 5.3 | 5.7 | 0.18 | 0.10 | 0.24 | 0.10 | 3.93E-02 | 2.12E-02 | 4.53E-02 | 1.74E-02 |
| Chromium | 11 | 11 | 11 | 11 | 4.91 | 4.18 | 2.93 | 3.33 | 4.46E-01 | 3.80E-01 | 2.66E-01 | 3.03E-01 |
| Cobalt | 74 | 74 | 74 | 74 | 1.38 | 1.50 | 1.26 | 1.03 | 1.87E-02 | 2.03E-02 | 1.70E-02 | 1.39E-02 |
| Copper | 18 | 19 | 22 | 23 | 12.55 | 11.36 | 11.02 | 15.61 | 6.80E-01 | 6.00E-01 | 5.08E-01 | 6.65E-01 |
| Iron | 1000 | 1000 | 1000 | 1000 | 4311.86 | 4161.45 | 2747.10 | 1873.14 | 4.31E+00 | 4.16E+00 | 2.75E+00 | 1.87E+00 |
| Lead | 18 | 18 | 23 | 25 | 7.55 | 7.28 | 6.49 | 5.32 | 4.25E-01 | 3.95E-01 | 2.88E-01 | 2.10E-01 |
| Manganese | 5.4 | 5.4 | 5.4 | 5.4 | 91.18 | 101.33 | 367.74 | 131.39 | 1.69E+01 | 1.88E+01 | 6.81E+01 | 2.43E+01 |
| Mercury | 0.91 | 0.91 | 0.91 | 0.91 | 0.15 | 0.17 | 0.16 | 0.23 | 1.62E-01 | 1.91E-01 | 1.73E-01 | 2.52E-01 |
| Nickel | 103 | 105 | 120 | 130 | 8.19 | 7.86 | 8.81 | 6.66 | 7.99E-02 | 7.48E-02 | 7.32E-02 | 5.12E-02 |
| Selenium | 2 | 3 | 4 | 5 | 5.90 | 5.88 | 5.83 | 6.63 | 2.95E+00 | 1.96E+00 | 1.46E+00 | 1.33E+00 |
| Thallium | <40 | <40 | <40 | <40 | 2.52 | 1.60 | 1.60 | 1.60 | 6.30E-02 | 4.00E-02 | 4.00E-02 | 4.00E-02 |
| Vanadium | 62 | 62 | 62 | 62 | 6.88 | 6.05 | 3.77 | 3.63 | 1.11E-01 | 9.76E-02 | 6.08E-02 | 5.86E-02 |
| Zinc | 236 | 242 | 277 | 299 | 24.00 | 22.57 | 29.33 | 36.69 | 1.02E-01 | 9.34E-02 | 1.06E-01 | 1.23E-01 |
| **Conventionals** | | | | | | | | | | | | |
| Ammonia | 2124 | 2491 | 2121 | 2011 | 0.24 | 0.29 | 3.12 | 0.31 | 1.11E-04 | 1.15E-04 | 1.47E-03 | 1.53E-04 |
| Cyanide | 5.2 | 5.2 | 5.2 | 5.2 | 5.26 | 5.17 | 12.63 | 3.73 | 1.01E+00 | 9.94E-01 | 2.43E+00 | 7.18E-01 |
| Hardness (mg/L; 95% LCL) | - | - | - | - | 222.23 | 228.92 | 268.56 | 294.40 | - | - | - | - |
| pH (95% UCL) | - | - | - | - | 7.55 | 7.47 | 7.78 | 7.83 | - | - | - | - |
| pH (95% LCL) | - | - | - | - | 7.27 | 7.28 | 7.38 | 7.38 | - | - | - | - |
| Temperature (°C) | - | - | - | - | 24.9 | 23.7 | 21.2 | 21.1 | - | - | - | - |
| **PAHs** | | | | | | | | | | | | |
| Benzo[a]anthracene | 3.8 | 3.8 | 3.8 | 3.8 | 5.00 | 5.00 | 5.00 | 23.28 | 1.32E+00 | 1.32E+00 | 1.32E+00 | 6.13E+00 |
| Benzo[a]pyrene | 1.6 | 1.6 | 1.6 | 1.6 | 6.59 | 5.00 | 9.19 | 23.28 | 4.12E+00 | 3.13E+00 | 5.74E+00 | 1.46E+01 |
| Benzo[b]fluoranthene | 1.10 | 1.10 | 1.10 | 1.10 | 6.59 | 5.00 | 9.19 | 23.28 | 5.99E+00 | 4.55E+00 | 8.36E+00 | 2.12E+01 |
| Benzo[g,h,i]perylene | 0.74 | 0.74 | 0.74 | 0.74 | 6.59 | 5.00 | 9.19 | 23.28 | 8.93E+00 | 6.78E+00 | 1.25E+01 | 3.16E+01 |
| Benzo[k]fluoranthene | 1.09 | 1.09 | 1.09 | 1.09 | 6.59 | 5.00 | 9.19 | 23.28 | 6.06E+00 | 4.60E+00 | 8.46E+00 | 2.14E+01 |
| Chrysene | 3.47 | 3.47 | 3.47 | 3.47 | 5.00 | 5.00 | 5.00 | 23.28 | 1.44E+00 | 1.44E+00 | 1.44E+00 | 6.71E+00 |
| Dibenz[a,h]anthracene | 0.48 | 0.48 | 0.48 | 0.48 | 6.59 | 5.00 | 9.19 | 23.28 | 1.37E+01 | 1.04E+01 | 1.91E+01 | 4.85E+01 |
| Indeno[1,2,3-cd]pyrene | 0.47 | 0.47 | 0.47 | 0.47 | 6.59 | 5.00 | 9.19 | 23.28 | 1.41E+01 | 1.07E+01 | 1.97E+01 | 4.98E+01 |
| Pyrene | 17.00 | 17.00 | 17.00 | 17.00 | 5.00 | 5.00 | 5.00 | 23.28 | 2.94E-01 | 2.94E-01 | 2.94E-01 | 1.37E+00 |

**Table C-4. Acute and chronic hazard quotients for aquatic life based on surface water exposures.**

| | Chronic Screening Value | | | | 95% UCL Surface Water Concentration (µg/L) | | | | Chronic HQ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Chemical | RM 0 - 3.2 | RM 3.2 - 4.9 | RM 4.9 - 6.5 | RM 6.5 - 8.8 | RM 0 - 3.2 | RM 3.2 - 4.9 | RM 4.9 - 6.5 | RM 6.5 - 8.8 | RM 0 - 3.2 | RM 3.2 - 4.9 | RM 4.9 - 6.5 | RM 6.5 - 8.8 |
| **Pesticides** | | | | | | | | | | | | |
| Atrazine | 4.5 | 4.5 | 4.5 | 4.5 | 5.38 | 5.00 | 5.00 | 5.00 | 1.20E+00 | 1.11E+00 | 1.11E+00 | 1.11E+00 |
| **Semivolatile Organics** | | | | | | | | | | | | |
| 1,1'-Biphenyl | 230.00 | 230.00 | 230.00 | 230.00 | 5.00 | 5.00 | 5.00 | 23.28 | 2.17E-02 | 2.17E-02 | 2.17E-02 | 1.01E-01 |
| 2-Chlorophenol | 100.00 | 100.00 | 100.00 | 100.00 | 5.00 | 5.00 | 5.00 | 23.28 | 5.00E-02 | 5.00E-02 | 5.00E-02 | 2.33E-01 |
| 2,4,5-Trichlorophenol | 45.00 | 45.00 | 45.00 | 45.00 | 12.50 | 12.50 | 12.50 | 58.21 | 2.78E-01 | 2.78E-01 | 2.78E-01 | 1.29E+00 |
| 2,4,6-Trichlorophenol | 18.00 | 18.00 | 18.00 | 18.00 | 5.00 | 5.00 | 5.00 | 23.28 | 2.78E-01 | 2.78E-01 | 2.78E-01 | 1.29E+00 |
| 2,4-Dichlorophenol | <99.4 | <99.4 | <99.4 | <99.4 | 5.00 | 5.00 | 5.00 | 23.28 | 5.03E-02 | 5.03E-02 | 5.03E-02 | 2.34E-01 |
| 2,4-Dimethylphenol | 210.00 | 210.00 | 210.00 | 210.00 | 5.00 | 5.00 | 5.00 | 23.28 | 2.38E-02 | 2.38E-02 | 2.38E-02 | 1.11E-01 |
| 2,4-Dinitrophenol | 6.00 | 6.00 | 6.00 | 6.00 | 12.50 | 12.50 | 12.50 | 58.21 | 2.08E+00 | 2.08E+00 | 2.08E+00 | 9.70E+00 |
| 2-Methylphenol | 500.00 | 500.00 | 500.00 | 500.00 | 5.00 | 5.00 | 5.00 | 23.28 | 1.00E-02 | 1.00E-02 | 1.00E-02 | 4.66E-02 |
| 2-Nitrophenol | 160.00 | 160.00 | 160.00 | 160.00 | 5.00 | 5.00 | 5.00 | 23.28 | 3.13E-02 | 3.13E-02 | 3.13E-02 | 1.46E-01 |
| 3,3'-Dichlorobenzidine | 105.00 | 105.00 | 105.00 | 105.00 | 5.00 | 5.00 | 5.00 | 23.28 | 4.76E-02 | 4.76E-02 | 4.76E-02 | 2.22E-01 |
| 4,6-Dinitro-2-methylphenol | 6.60 | 6.60 | 6.60 | 6.60 | 12.50 | 12.50 | 12.50 | 58.21 | 1.89E+00 | 1.89E+00 | 1.89E+00 | 8.82E+00 |
| 4-Chloro-3-methylphenol | 91.70 | 91.70 | 91.70 | 91.70 | 5.00 | 5.00 | 5.00 | 23.28 | 5.45E-02 | 5.45E-02 | 5.45E-02 | 2.54E-01 |
| 4-Methylphenol | 140.00 | 140.00 | 140.00 | 140.00 | 5.00 | 5.00 | 5.00 | 23.28 | 3.57E-02 | 3.57E-02 | 3.57E-02 | 1.66E-01 |
| 4-Nitrophenol | 110.00 | 110.00 | 110.00 | 110.00 | 12.50 | 12.50 | 12.50 | 58.21 | 1.14E-01 | 1.14E-01 | 1.14E-01 | 5.29E-01 |
| bis(2-Ethylhexyl)phthalate | 360.00 | 360.00 | 360.00 | 360.00 | 5.00 | 6.02 | 6.02 | 28.60 | 1.39E-02 | 1.67E-02 | 1.67E-02 | 7.94E-02 |
| Butylbenzylphthalate | 60.00 | 60.00 | 60.00 | 60.00 | 5.00 | 5.00 | 5.00 | 23.28 | 8.33E-02 | 8.33E-02 | 8.33E-02 | 3.88E-01 |
| Dimethylphthalate | 14859.34 | 14859.34 | 14859.34 | 14859.34 | 5.00 | 5.00 | 5.00 | 5.00 | 3.36E-04 | 3.36E-04 | 3.36E-04 | 3.36E-04 |
| Di-n-octylphthalate | 93.20 | 93.20 | 93.20 | 93.20 | 6.59 | 5.00 | 9.19 | 23.28 | 7.07E-02 | 5.36E-02 | 9.86E-02 | 2.50E-01 |
| Pentachlorophenol | 8.74 | 8.87 | 9.76 | 9.84 | 12.50 | 12.50 | 12.50 | 58.21 | 1.43E+00 | 1.41E+00 | 1.28E+00 | 5.91E+00 |
| Phenol | 4.50 | 4.50 | 4.50 | 4.50 | 5.00 | 5.00 | 5.00 | 23.28 | 1.11E+00 | 1.11E+00 | 1.11E+00 | 5.17E+00 |

RM = River Mile
HQ = Hazard Quotient
UCL = Upper Confidence Limit