*Current Condition Targets, Athabasca River - Water*

|  | | | | High Flow | | | Open Water | | | Under Ice | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Grouping** | **Parameter** | **Unit** | **Site** | **5th** | **50th** | **95th** | **5th** | **50th** | **95th** | **5th** | **50th** | **95th** |
| Conventional Variables | Alkalinity, Phenolphthalein (total hydroxide+1/2 carbonate) as CaCO3 | mg/L | all sites | - | - | - | 1.000 | 6.400 | 7.060 | - | - | - |
| Conventional Variables | Alkalinity, total as CaCO3 | mg/L | all sites | 61.050 | 89.000 | 99.090 | 81.540 | 101.000 | 122.000 | + | + | + |
| Conventional Variables | Alkalinity, total as CaCO3 | mg/L | AL07DD0004 | + | + | + | + | + | + | - | - | - |
| Conventional Variables | Alkalinity, total as CaCO3 | mg/L | AL07DD0005 | + | + | + | + | + | + | - | - | - |
| Conventional Variables | Alkalinity, total as CaCO3 | mg/L | AL07DD0007 | + | + | + | + | + | + | 133.000 | 147.000 | 165.000 |
| Conventional Variables | Alkalinity, total as CaCO3 | mg/L | AL07DD0008 | + | + | + | + | + | + | 89.000 | 163.000 | 199.000 |
| Conventional Variables | Alkalinity, total as CaCO3 | mg/L | AL07DD0009 | + | + | + | + | + | + | - | - | - |
| Conventional Variables | Fixed suspended solids, Non-Filterable (Particle) | mg/L | all sites | 30.500 | 166.000 | 661.800 | 3.948 | 20.400 | 125.700 | < | < | < |
| Conventional Variables | Organic carbon, Filtered | mg/L | all sites | 3.531 | 12.200 | 16.360 | 4.244 | 7.900 | 17.500 | 5.494 | 7.430 | 10.400 |
| Conventional Variables | Organic carbon, Non-Filterable (Particle) | mg/L | all sites | 1.230 | 4.010 | 13.170 | 0.392 | 0.976 | 5.070 | 0.091 | 0.232 | 0.465 |
| Conventional Variables | Specific conductivity | uS/cm | all sites | 160.900 | 216.000 | 263.100 | 213.200 | 266.000 | 322.200 | 318.850 | 409.500 | 484.750 |
| Conventional Variables | Total suspended solids, Non-Filterable (Particle) | mg/L | all sites | 37.040 | 183.000 | 719.900 | 9.640 | 24.000 | 141.500 | < | < | < |
| Conventional Variables | True colour, Filtered | TCU | all sites | - | - | - | - | - | - | - | - | - |
| Conventional Variables | True colour, Supernate | rel units | all sites | 5.000 | 60.000 | 98.250 | 6.000 | 25.000 | 88.000 | 5.000 | 15.000 | 35.000 |
| Conventional Variables | Turbidity | NTU | all sites | 18.490 | 69.000 | 219.000 | 5.280 | 12.200 | 95.200 | 1.837 | 3.650 | 6.628 |
| Conventional Variables | pH, lab | pH units | all sites | 7.787 | 8.090 | 8.323 | 7.936 | 8.220 | 8.380 | 7.648 | 7.840 | 8.122 |
| Dissolved Metals | Aluminum, Filtered | ug/L | all sites | 7.680 | 32.350 | 117.900 | 5.060 | 16.000 | 56.680 | 3.835 | 13.200 | 28.195 |
| Dissolved Metals | Antimony, Filtered | ug/L | all sites | 0.041 | 0.066 | 0.115 | 0.031 | 0.053 | 0.109 | + | + | + |
| Dissolved Metals | Antimony, Filtered | ug/L | AL07DD0004 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Antimony, Filtered | ug/L | AL07DD0005 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Antimony, Filtered | ug/L | AL07DD0007 | + | + | + | + | + | + | 0.036 | 0.055 | 0.113 |
| Dissolved Metals | Antimony, Filtered | ug/L | AL07DD0008 | + | + | + | + | + | + | 0.017 | 0.050 | 0.130 |
| Dissolved Metals | Antimony, Filtered | ug/L | AL07DD0009 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Arsenic, Filtered | ug/L | all sites | 0.369 | 0.545 | 0.810 | 0.358 | 0.490 | 0.732 | 0.319 | 0.460 | 0.656 |
| Dissolved Metals | Barium, Filtered | ug/L | all sites | 24.520 | 43.750 | 55.415 | 27.220 | 49.100 | 63.380 | + | + | + |
| Dissolved Metals | Barium, Filtered | ug/L | AL07DD0004 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Barium, Filtered | ug/L | AL07DD0005 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Barium, Filtered | ug/L | AL07DD0007 | + | + | + | + | + | + | 62.300 | 71.900 | 79.900 |
| Dissolved Metals | Barium, Filtered | ug/L | AL07DD0008 | + | + | + | + | + | + | 24.900 | 86.650 | 109.000 |
| Dissolved Metals | Barium, Filtered | ug/L | AL07DD0009 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Beryllium, Filtered | ug/L | all sites | 0.003 | 0.009 | 0.020 | 0.002 | 0.004 | 0.012 | 0.002 | 0.003 | 0.007 |
| Dissolved Metals | Bismuth, Filtered | ug/L | all sites | 0.000 | 0.001 | 0.004 | 0.000 | 0.001 | 0.002 | < | < | < |
| Dissolved Metals | Boron, Filtered | ug/L | all sites | 12.835 | 21.600 | 30.280 | 15.180 | 23.300 | 31.220 | 30.390 | 36.350 | 41.600 |
| Dissolved Metals | Cadmium, Filtered | ug/L | all sites | 0.004 | 0.011 | 0.026 | 0.004 | 0.010 | 0.017 | 0.004 | 0.015 | 0.029 |
| Dissolved Metals | Cerium, Filtered | ug/L | all sites | 0.035 | 0.182 | 0.605 | 0.022 | 0.066 | 0.270 | 0.024 | 0.056 | 0.084 |
| Dissolved Metals | Cesium, Filtered | ug/L | all sites | 0.002 | 0.007 | 0.023 | 0.002 | 0.004 | 0.010 | 0.003 | 0.004 | 0.006 |
| Dissolved Metals | Chromium, Filtered | ug/L | all sites | 0.050 | 0.100 | 0.255 | 0.030 | 0.060 | 0.140 | 0.060 | 0.080 | 0.126 |
| Dissolved Metals | Cobalt, Filtered | ug/L | all sites | 0.043 | 0.074 | 0.166 | 0.038 | 0.078 | 0.122 | + | + | + |
| Dissolved Metals | Cobalt, Filtered | ug/L | AL07DD0004 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Cobalt, Filtered | ug/L | AL07DD0005 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Cobalt, Filtered | ug/L | AL07DD0007 | + | + | + | + | + | + | 0.045 | 0.058 | 0.092 |
| Dissolved Metals | Cobalt, Filtered | ug/L | AL07DD0008 | + | + | + | + | + | + | 0.035 | 0.050 | 0.094 |
| Dissolved Metals | Cobalt, Filtered | ug/L | AL07DD0009 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Copper, Filtered | ug/L | all sites | 0.616 | 1.280 | 2.411 | 0.417 | 0.655 | 1.560 | + | + | + |
| Dissolved Metals | Copper, Filtered | ug/L | AL07DD0004 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Copper, Filtered | ug/L | AL07DD0005 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Copper, Filtered | ug/L | AL07DD0007 | + | + | + | + | + | + | 0.280 | 0.580 | 0.960 |
| Dissolved Metals | Copper, Filtered | ug/L | AL07DD0008 | + | + | + | + | + | + | 0.310 | 0.555 | 1.260 |
| Dissolved Metals | Copper, Filtered | ug/L | AL07DD0009 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Gallium, Filtered | ug/L | all sites | 0.006 | 0.017 | 0.043 | 0.005 | 0.010 | 0.062 | 0.003 | 0.006 | 0.060 |
| Dissolved Metals | Germanium, Filtered | ug/L | all sites | 0.006 | 0.010 | 0.020 | 0.007 | 0.010 | 0.010 | + | + | + |
| Dissolved Metals | Germanium, Filtered | ug/L | AL07DD0004 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Germanium, Filtered | ug/L | AL07DD0005 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Germanium, Filtered | ug/L | AL07DD0007 | + | + | + | + | + | + | 0.006 | 0.010 | 0.024 |
| Dissolved Metals | Germanium, Filtered | ug/L | AL07DD0008 | + | + | + | + | + | + | 0.007 | 0.010 | 0.013 |
| Dissolved Metals | Germanium, Filtered | ug/L | AL07DD0009 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Indium, Filtered | ug/L | all sites | < | < | < | < | < | < | < | < | < |
| Dissolved Metals | Iron, Filtered | ug/L | all sites | 22.640 | 190.500 | 572.750 | 37.760 | 157.000 | 445.600 | 72.115 | 255.000 | 563.500 |
| Dissolved Metals | Lanthanum, Filtered | ug/L | all sites | 0.019 | 0.100 | 0.281 | 0.013 | 0.040 | 0.149 | 0.015 | 0.035 | 0.049 |
| Dissolved Metals | Lead, Filtered | ug/L | all sites | 0.021 | 0.088 | 0.297 | 0.014 | 0.039 | 0.132 | 0.018 | 0.032 | 0.068 |
| Dissolved Metals | Lithium, Filtered | ug/L | all sites | 3.983 | 5.390 | 7.367 | 4.800 | 6.030 | 8.582 | 7.960 | 9.985 | 11.365 |
| Dissolved Metals | Manganese, Filtered | ug/L | all sites | 0.579 | 2.710 | 5.575 | 0.710 | 2.060 | 5.844 | 2.199 | 7.905 | 12.010 |
| Dissolved Metals | Molybdenum, Filtered | ug/L | all sites | + | + | + | 0.335 | 0.692 | 0.908 | + | + | + |
| Dissolved Metals | Molybdenum, Filtered | ug/L | AL07DD0004 | 0.397 | 0.593 | 2.880 | + | + | + | - | - | - |
| Dissolved Metals | Molybdenum, Filtered | ug/L | AL07DD0005 | 0.498 | 0.631 | 0.734 | + | + | + | - | - | - |
| Dissolved Metals | Molybdenum, Filtered | ug/L | AL07DD0007 | 0.629 | 0.736 | 0.963 | + | + | + | 0.644 | 0.785 | 0.881 |
| Dissolved Metals | Molybdenum, Filtered | ug/L | AL07DD0008 | 0.264 | 0.530 | 0.807 | + | + | + | 0.229 | 0.885 | 1.140 |
| Dissolved Metals | Molybdenum, Filtered | ug/L | AL07DD0009 | - | - | - | + | + | + | - | - | - |
| Dissolved Metals | Nickel, Filtered | ug/L | all sites | 0.738 | 1.380 | 2.517 | 0.680 | 0.910 | 1.744 | 0.489 | 0.940 | 1.472 |
| Dissolved Metals | Niobium, Filtered | ug/L | all sites | 0.000 | 0.002 | 0.012 | 0.000 | 0.001 | 0.006 | 0.000 | 0.001 | 0.004 |
| Dissolved Metals | Palladium, Filtered | ug/L | all sites | < | < | < | < | < | < | < | < | < |
| Dissolved Metals | Platinum, Filtered | ug/L | all sites | < | < | < | < | < | < | < | < | < |
| Dissolved Metals | Rubidium, Filtered | ug/L | all sites | 0.559 | 0.888 | 1.160 | 0.684 | 0.840 | 0.976 | 1.069 | 1.440 | 1.951 |
| Dissolved Metals | Scandium, Filtered | ug/L | all sites | 0.001 | 0.010 | 0.140 | 0.001 | 0.010 | 0.060 | 0.002 | 0.009 | 0.040 |
| Dissolved Metals | Selenium, Filtered | ug/L | all sites | 0.070 | 0.150 | 0.224 | 0.078 | 0.120 | 0.170 | + | + | + |
| Dissolved Metals | Selenium, Filtered | ug/L | AL07DD0004 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Selenium, Filtered | ug/L | AL07DD0005 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Selenium, Filtered | ug/L | AL07DD0007 | + | + | + | + | + | + | 0.110 | 0.160 | 0.210 |
| Dissolved Metals | Selenium, Filtered | ug/L | AL07DD0008 | + | + | + | + | + | + | 0.050 | 0.200 | 0.340 |
| Dissolved Metals | Selenium, Filtered | ug/L | AL07DD0009 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Silver, Filtered | ug/L | all sites | 0.000 | 0.001 | 0.004 | 0.000 | 0.001 | 0.003 | 0.001 | 0.001 | 0.002 |
| Dissolved Metals | Strontium, Filtered | ug/L | all sites | 81.890 | 170.000 | 241.050 | 123.200 | 226.000 | 303.600 | + | + | + |
| Dissolved Metals | Strontium, Filtered | ug/L | AL07DD0004 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Strontium, Filtered | ug/L | AL07DD0005 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Strontium, Filtered | ug/L | AL07DD0007 | + | + | + | + | + | + | 278.000 | 322.000 | 388.000 |
| Dissolved Metals | Strontium, Filtered | ug/L | AL07DD0008 | + | + | + | + | + | + | 134.000 | 364.000 | 489.000 |
| Dissolved Metals | Strontium, Filtered | ug/L | AL07DD0009 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Tellurium, Filtered | ug/L | all sites | 0.010 | 0.010 | 0.010 | < | < | < | + | + | + |
| Dissolved Metals | Tellurium, Filtered | ug/L | AL07DD0004 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Tellurium, Filtered | ug/L | AL07DD0005 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Tellurium, Filtered | ug/L | AL07DD0007 | + | + | + | + | + | + | 0.008 | 0.013 | 0.024 |
| Dissolved Metals | Tellurium, Filtered | ug/L | AL07DD0008 | + | + | + | + | + | + | 0.001 | 0.003 | 0.013 |
| Dissolved Metals | Tellurium, Filtered | ug/L | AL07DD0009 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Thallium, Filtered | ug/L | all sites | 0.003 | 0.006 | 0.009 | 0.002 | 0.005 | 0.007 | 0.001 | 0.004 | 0.009 |
| Dissolved Metals | Tin, Filtered | ug/L | all sites | 0.000 | 0.003 | 0.035 | 0.000 | 0.004 | 0.047 | 0.002 | 0.007 | 0.022 |
| Dissolved Metals | Titanium, Filtered | ug/L | all sites | 0.100 | 1.000 | 4.545 | 0.100 | 0.500 | 1.500 | 0.100 | 0.500 | 1.200 |
| Dissolved Metals | Tungsten, Filtered | ug/L | all sites | 0.001 | 0.002 | 0.005 | 0.001 | 0.002 | 0.005 | 0.001 | 0.003 | 0.009 |
| Dissolved Metals | Uranium, Filtered | ug/L | all sites | 0.134 | 0.337 | 0.481 | 0.143 | 0.360 | 0.478 | + | + | + |
| Dissolved Metals | Uranium, Filtered | ug/L | AL07DD0004 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Uranium, Filtered | ug/L | AL07DD0005 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Uranium, Filtered | ug/L | AL07DD0007 | + | + | + | + | + | + | 0.396 | 0.453 | 0.527 |
| Dissolved Metals | Uranium, Filtered | ug/L | AL07DD0008 | + | + | + | + | + | + | 0.096 | 0.572 | 0.806 |
| Dissolved Metals | Uranium, Filtered | ug/L | AL07DD0009 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Vanadium, Filtered | ug/L | all sites | 0.206 | 0.386 | 0.744 | 0.149 | 0.308 | 0.644 | 0.130 | 0.201 | 0.485 |
| Dissolved Metals | Yttrium, Filtered | ug/L | all sites | 0.052 | 0.179 | 0.423 | 0.038 | 0.084 | 0.260 | 0.045 | 0.074 | 0.095 |
| Dissolved Metals | Zinc, Filtered | ug/L | all sites | 0.265 | 0.600 | 2.155 | 0.157 | 0.400 | 1.200 | + | + | + |
| Dissolved Metals | Zinc, Filtered | ug/L | AL07DD0004 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Zinc, Filtered | ug/L | AL07DD0005 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Zinc, Filtered | ug/L | AL07DD0007 | + | + | + | + | + | + | 0.600 | 1.300 | 3.600 |
| Dissolved Metals | Zinc, Filtered | ug/L | AL07DD0008 | + | + | + | + | + | + | 0.600 | 1.300 | 3.200 |
| Dissolved Metals | Zinc, Filtered | ug/L | AL07DD0009 | + | + | + | + | + | + | - | - | - |
| Dissolved Metals | Zirconium, Filtered | ug/L | all sites | 0.083 | 0.200 | 0.500 | 0.053 | 0.100 | 0.300 | 0.071 | 0.100 | 0.200 |
| Field | Dissolved oxygen (DO) | mg/L | all sites | 8.147 | 8.720 | 10.749 | 8.075 | 9.860 | 13.012 | 11.545 | 12.390 | 13.050 |
| Field | Specific conductivity | uS/cm | all sites | 153.700 | 222.000 | 269.350 | 225.200 | 268.000 | 319.400 | + | + | + |
| Field | Specific conductivity | uS/cm | AL07DD0004 | + | + | + | + | + | + | - | - | - |
| Field | Specific conductivity | uS/cm | AL07DD0005 | + | + | + | + | + | + | - | - | - |
| Field | Specific conductivity | uS/cm | AL07DD0007 | + | + | + | + | + | + | 373.000 | 417.000 | 484.000 |
| Field | Specific conductivity | uS/cm | AL07DD0008 | + | + | + | + | + | + | 266.000 | 432.000 | 521.000 |
| Field | Specific conductivity | uS/cm | AL07DD0009 | + | + | + | + | + | + | - | - | - |
| Field | Temperature, water | degC | all sites | 10.465 | 18.790 | 22.143 | 2.436 | 12.680 | 22.616 | + | + | + |
| Field | Temperature, water | degC | AL07DD0004 | + | + | + | + | + | + | - | - | - |
| Field | Temperature, water | degC | AL07DD0005 | + | + | + | + | + | + | - | - | - |
| Field | Temperature, water | degC | AL07DD0007 | + | + | + | + | + | + | -0.320 | -0.130 | -0.070 |
| Field | Temperature, water | degC | AL07DD0008 | + | + | + | + | + | + | -0.800 | -0.245 | -0.080 |
| Field | Temperature, water | degC | AL07DD0009 | + | + | + | + | + | + | - | - | - |
| Field | Turbidity | NTU | all sites | 20.245 | 64.650 | 321.955 | 2.430 | 12.150 | 71.750 | 0.000 | 1.500 | 101.500 |
| Field | pH | pH units | all sites | 7.737 | 7.970 | 8.292 | 7.832 | 8.195 | 8.410 | 7.064 | 7.515 | 8.153 |
| General Organics | Benzene | ug/L | all sites | < | < | < | - | - | - | < | < | < |
| General Organics | C10-C16 Hydrocarbons | ug/L | all sites | 23.148 | 52.588 | 133.060 | < | < | < | < | < | < |
| General Organics | C16-C34 Hydrocarbons | ug/L | all sites | < | < | < | < | < | < | < | < | < |
| General Organics | C34-C50 Hydrocarbons | ug/L | all sites | < | < | < | < | < | < | < | < | < |
| General Organics | C6-C10 Hydrocarbons | ug/L | all sites | < | < | < | < | < | < | < | < | < |
| General Organics | Cyanide | mg/L | all sites | < | < | < | < | < | < | < | < | < |
| General Organics | Ethylbenzene | ug/L | all sites | < | < | < | - | - | - | < | < | < |
| General Organics | Hydrocarbons, petroleum | mg/L | all sites | 0.016 | 0.075 | 0.400 | < | < | < | < | < | < |
| General Organics | Naphthenic acids | mg/L | all sites | < | < | < | < | < | < | < | < | < |
| General Organics | Toluene | ug/L | all sites | + | + | + | 0.009 | 0.031 | 0.139 | < | < | < |
| General Organics | Toluene | ug/L | AL07DD0004 | - | - | - | + | + | + | + | + | + |
| General Organics | Toluene | ug/L | AL07DD0005 | - | - | - | + | + | + | + | + | + |
| General Organics | Toluene | ug/L | AL07DD0007 | - | - | - | + | + | + | + | + | + |
| General Organics | Toluene | ug/L | AL07DD0008 | < | < | < | + | + | + | + | + | + |
| General Organics | Toluene | ug/L | AL07DD0009 | - | - | - | + | + | + | + | + | + |
| General Organics | m,p-Xylene | ug/L | all sites | < | < | < | - | - | - | < | < | < |
| General Organics | o-Xylene | ug/L | all sites | < | < | < | < | < | < | < | < | < |
| Major Ions | Calcium, Filtered | mg/L | all sites | + | + | + | 23.470 | 32.150 | 38.890 | 24.260 | 43.200 | 57.340 |
| Major Ions | Calcium, Filtered | mg/L | AL07DD0004 | - | - | - | + | + | + | + | + | + |
| Major Ions | Calcium, Filtered | mg/L | AL07DD0005 | - | - | - | + | + | + | + | + | + |
| Major Ions | Calcium, Filtered | mg/L | AL07DD0007 | - | - | - | + | + | + | + | + | + |
| Major Ions | Calcium, Filtered | mg/L | AL07DD0008 | 15.800 | 23.150 | 33.200 | + | + | + | + | + | + |
| Major Ions | Calcium, Filtered | mg/L | AL07DD0009 | - | - | - | + | + | + | + | + | + |
| Major Ions | Calcium, Unknown | mg/L | all sites | 22.400 | 27.100 | 29.800 | 19.800 | 32.000 | 36.000 | 26.100 | 38.400 | 48.300 |
| Major Ions | Chloride, Filtered | mg/L | all sites | 1.154 | 4.520 | 12.930 | 1.522 | 8.130 | 18.040 | + | + | + |
| Major Ions | Chloride, Filtered | mg/L | AL07DD0004 | + | + | + | + | + | + | - | - | - |
| Major Ions | Chloride, Filtered | mg/L | AL07DD0005 | + | + | + | + | + | + | - | - | - |
| Major Ions | Chloride, Filtered | mg/L | AL07DD0007 | + | + | + | + | + | + | 14.700 | 17.900 | 24.700 |
| Major Ions | Chloride, Filtered | mg/L | AL07DD0008 | + | + | + | + | + | + | 5.380 | 13.165 | 36.700 |
| Major Ions | Chloride, Filtered | mg/L | AL07DD0009 | + | + | + | + | + | + | - | - | - |
| Major Ions | Fluoride, Filtered | mg/L | all sites | + | + | + | 0.060 | 0.090 | 0.110 | + | + | + |
| Major Ions | Fluoride, Filtered | mg/L | AL07DD0004 | 0.070 | 0.090 | 0.090 | + | + | + | - | - | - |
| Major Ions | Fluoride, Filtered | mg/L | AL07DD0005 | 0.060 | 0.090 | 0.090 | + | + | + | - | - | - |
| Major Ions | Fluoride, Filtered | mg/L | AL07DD0007 | 0.080 | 0.085 | 0.100 | + | + | + | 0.100 | 0.110 | 0.150 |
| Major Ions | Fluoride, Filtered | mg/L | AL07DD0008 | 0.070 | 0.080 | 0.090 | + | + | + | 0.090 | 0.110 | 0.130 |
| Major Ions | Fluoride, Filtered | mg/L | AL07DD0009 | - | - | - | + | + | + | - | - | - |
| Major Ions | Magnesium, Filtered | mg/L | all sites | + | + | + | 6.732 | 8.550 | 11.400 | + | + | + |
| Major Ions | Magnesium, Filtered | mg/L | AL07DD0004 | 4.760 | 7.130 | 8.550 | + | + | + | - | - | - |
| Major Ions | Magnesium, Filtered | mg/L | AL07DD0005 | 5.590 | 6.970 | 7.840 | + | + | + | - | - | - |
| Major Ions | Magnesium, Filtered | mg/L | AL07DD0007 | 6.730 | 8.325 | 9.400 | + | + | + | 10.100 | 12.300 | 14.000 |
| Major Ions | Magnesium, Filtered | mg/L | AL07DD0008 | 4.290 | 6.480 | 9.350 | + | + | + | 7.080 | 13.350 | 17.100 |
| Major Ions | Magnesium, Filtered | mg/L | AL07DD0009 | - | - | - | + | + | + | - | - | - |
| Major Ions | Potassium, Filtered | mg/L | all sites | 0.790 | 1.030 | 1.753 | 0.948 | 1.110 | 1.412 | 1.268 | 2.030 | 2.548 |
| Major Ions | Silica, Filtered as SiO2 | mg/L | all sites | 3.057 | 5.895 | 9.021 | 1.920 | 4.510 | 7.912 | 5.630 | 8.850 | 12.160 |
| Major Ions | Silica, Unknown as SiO2 | mg/L | all sites | 4.630 | 5.390 | 6.620 | 3.710 | 5.740 | 8.400 | 7.880 | 9.170 | 11.200 |
| Major Ions | Sodium, Filtered | mg/L | all sites | 6.119 | 8.630 | 13.060 | 6.990 | 12.200 | 18.220 | 21.490 | 27.800 | 32.890 |
| Major Ions | Sulfate, Filtered as SO4 | mg/L | all sites | + | + | + | 9.672 | 24.000 | 37.260 | + | + | + |
| Major Ions | Sulfate, Filtered as SO4 | mg/L | AL07DD0004 | 9.910 | 16.600 | 24.100 | + | + | + | - | - | - |
| Major Ions | Sulfate, Filtered as SO4 | mg/L | AL07DD0005 | 10.600 | 17.000 | 20.700 | + | + | + | - | - | - |
| Major Ions | Sulfate, Filtered as SO4 | mg/L | AL07DD0007 | 15.600 | 21.750 | 29.000 | + | + | + | 31.500 | 38.700 | 52.400 |
| Major Ions | Sulfate, Filtered as SO4 | mg/L | AL07DD0008 | 6.610 | 13.200 | 30.400 | + | + | + | 11.600 | 44.050 | 65.500 |
| Major Ions | Sulfate, Filtered as SO4 | mg/L | AL07DD0009 | - | - | - | + | + | + | - | - | - |
| Nutrients and BOD | Ammonia and ammonium, Unfiltered as N | mg/L | all sites | 0.005 | 0.011 | 0.026 | 0.003 | 0.008 | 0.017 | 0.018 | 0.048 | 0.083 |
| Nutrients and BOD | Inorganic nitrogen (nitrate and nitrite), Filtered | mg/L | all sites | 0.006 | 0.025 | 0.068 | 0.002 | 0.008 | 0.033 | + | + | + |
| Nutrients and BOD | Inorganic nitrogen (nitrate and nitrite), Filtered | mg/L | AL07DD0004 | + | + | + | + | + | + | - | - | - |
| Nutrients and BOD | Inorganic nitrogen (nitrate and nitrite), Filtered | mg/L | AL07DD0005 | + | + | + | + | + | + | - | - | - |
| Nutrients and BOD | Inorganic nitrogen (nitrate and nitrite), Filtered | mg/L | AL07DD0007 | + | + | + | + | + | + | 0.206 | 0.259 | 0.306 |
| Nutrients and BOD | Inorganic nitrogen (nitrate and nitrite), Filtered | mg/L | AL07DD0008 | + | + | + | + | + | + | 0.179 | 0.223 | 0.310 |
| Nutrients and BOD | Inorganic nitrogen (nitrate and nitrite), Filtered | mg/L | AL07DD0009 | + | + | + | + | + | + | - | - | - |
| Nutrients and BOD | Organic Nitrogen, Non-Filterable (Particle) as N | mg/L | all sites | 0.106 | 0.307 | 1.000 | 0.033 | 0.109 | 0.306 | + | + | + |
| Nutrients and BOD | Organic Nitrogen, Non-Filterable (Particle) as N | mg/L | AL07DD0004 | + | + | + | + | + | + | - | - | - |
| Nutrients and BOD | Organic Nitrogen, Non-Filterable (Particle) as N | mg/L | AL07DD0005 | + | + | + | + | + | + | - | - | - |
| Nutrients and BOD | Organic Nitrogen, Non-Filterable (Particle) as N | mg/L | AL07DD0007 | + | + | + | + | + | + | 0.007 | 0.017 | 0.029 |
| Nutrients and BOD | Organic Nitrogen, Non-Filterable (Particle) as N | mg/L | AL07DD0008 | + | + | + | + | + | + | 0.007 | 0.021 | 0.050 |
| Nutrients and BOD | Organic Nitrogen, Non-Filterable (Particle) as N | mg/L | AL07DD0009 | + | + | + | + | + | + | - | - | - |
| Nutrients and BOD | Total Nitrogen, mixed forms, Filtered as N | mg/L | all sites | 0.118 | 0.297 | 0.611 | 0.108 | 0.216 | 0.616 | 0.394 | 0.531 | 0.808 |
| Nutrients and BOD | Total Nitrogen, mixed forms, Non-Filterable (Particle) as N | mg/L | all sites | - | - | - | 0.070 | 0.104 | 0.467 | - | - | - |
| Nutrients and BOD | Total Nitrogen, mixed forms, Unknown as N | mg/L | all sites | 0.293 | 0.448 | 0.587 | 0.215 | 0.336 | 0.520 | + | + | + |
| Nutrients and BOD | Total Nitrogen, mixed forms, Unknown as N | mg/L | AL07DD0004 | + | + | + | + | + | + | - | - | - |
| Nutrients and BOD | Total Nitrogen, mixed forms, Unknown as N | mg/L | AL07DD0005 | + | + | + | + | + | + | - | - | - |
| Nutrients and BOD | Total Nitrogen, mixed forms, Unknown as N | mg/L | AL07DD0007 | + | + | + | + | + | + | - | - | - |
| Nutrients and BOD | Total Nitrogen, mixed forms, Unknown as N | mg/L | AL07DD0008 | + | + | + | + | + | + | - | - | - |
| Nutrients and BOD | Total Nitrogen, mixed forms, Unknown as N | mg/L | AL07DD0009 | + | + | + | + | + | + | - | - | - |
| Nutrients and BOD | Total Phosphorus, mixed forms, Filtered as P | mg/L | all sites | 0.005 | 0.016 | 0.028 | 0.002 | 0.008 | 0.025 | 0.014 | 0.021 | 0.042 |
| Nutrients and BOD | Total Phosphorus, mixed forms, Unfiltered as P | mg/L | all sites | 0.052 | 0.188 | 0.579 | 0.020 | 0.049 | 0.190 | 0.024 | 0.038 | 0.051 |
| Organohalides | 2-Chloronaphthalene | ng/L | AL07DD0004 | < | < | < | - | - | - | - | - | - |
| Organohalides | 2-Chloronaphthalene | ng/L | AL07DD0005 | - | - | - | - | - | - | - | - | - |
| Organohalides | 2-Chloronaphthalene | ng/L | AL07DD0007 | - | - | - | - | - | - | - | - | - |
| Organohalides | 2-Chloronaphthalene | ng/L | AL07DD0008 | - | - | - | - | - | - | - | - | - |
| Organohalides | 2-Chloronaphthalene | ng/L | AL07DD0009 | - | - | - | - | - | - | - | - | - |
| PAHs | 1,2,3,4-Tetrahydronaphthalene | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | 1,6,7-Trimethylnaphthalene | ng/L | all sites | 0.464 | 1.640 | 4.150 | 0.348 | 0.998 | 3.111 | 0.107 | 0.427 | 2.110 |
| PAHs | 1-Methylnaphthalene | ng/L | all sites | 1.174 | 4.696 | 18.660 | < | < | < | < | < | < |
| PAHs | 2-Isopropylnaphthalene | ng/L | all sites | < | < | < | < | < | < | - | - | - |
| PAHs | 2-Methylnaphthalene | ng/L | all sites | 2.478 | 9.190 | 35.300 | < | < | < | < | < | < |
| PAHs | 3-Methylcholanthrene | ng/L | all sites | 1.237 | 4.260 | 13.780 | 0.134 | 0.515 | 2.486 | < | < | < |
| PAHs | 7,10-Dimethylbenzo[a]pyrene | ng/L | all sites | < | < | < | < | < | < | - | - | - |
| PAHs | 7-Methylbenzo[a]pyrene | ng/L | all sites | < | < | < | < | < | < | - | - | - |
| PAHs | 9-Ethylfluorene | ng/L | all sites | < | < | < | < | < | < | - | - | - |
| PAHs | 9-Methylfluorene | ng/L | all sites | 0.100 | 0.559 | 3.922 | < | < | < | < | < | < |
| PAHs | Acenaphthene | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | Acenaphthylene | ng/L | AL07DD0004 | < | < | < | < | < | < | - | - | - |
| PAHs | Acenaphthylene | ng/L | AL07DD0005 | < | < | < | < | < | < | - | - | - |
| PAHs | Acenaphthylene | ng/L | AL07DD0007 | < | < | < | < | < | < | < | < | < |
| PAHs | Acenaphthylene | ng/L | AL07DD0008 | < | < | < | < | < | < | < | < | < |
| PAHs | Acenaphthylene | ng/L | AL07DD0009 | - | - | - | - | - | - | - | - | - |
| PAHs | Anthracene | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | Benz[a]anthracene | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | Benzo(b)fluoranthene | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | Benzo[a]pyrene | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | Benzo[e]pyrene | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | Benzo[ghi]perylene | ng/L | AL07DD0004 | < | < | < | < | < | < | - | - | - |
| PAHs | Benzo[ghi]perylene | ng/L | AL07DD0005 | < | < | < | < | < | < | - | - | - |
| PAHs | Benzo[ghi]perylene | ng/L | AL07DD0007 | < | < | < | < | < | < | < | < | < |
| PAHs | Benzo[ghi]perylene | ng/L | AL07DD0008 | < | < | < | < | < | < | < | < | < |
| PAHs | Benzo[ghi]perylene | ng/L | AL07DD0009 | - | - | - | - | - | - | - | - | - |
| PAHs | Benzo[k]fluoranthene | ng/L | AL07DD0004 | < | < | < | < | < | < | - | - | - |
| PAHs | Benzo[k]fluoranthene | ng/L | AL07DD0005 | < | < | < | < | < | < | - | - | - |
| PAHs | Benzo[k]fluoranthene | ng/L | AL07DD0007 | < | < | < | < | < | < | < | < | < |
| PAHs | Benzo[k]fluoranthene | ng/L | AL07DD0008 | < | < | < | < | < | < | < | < | < |
| PAHs | Benzo[k]fluoranthene | ng/L | AL07DD0009 | - | - | - | - | - | - | - | - | - |
| PAHs | Biphenyl | ng/L | all sites | - | - | - | - | - | - | - | - | - |
| PAHs | C1-Dibenzothiophenes | ng/L | all sites | - | - | - | - | - | - | - | - | - |
| PAHs | C1-Fluoranthenes/pyrenes | ng/L | all sites | 23.356 | 30.500 | 45.020 | - | - | - | - | - | - |
| PAHs | C2-1,6-Dimethylnaphthalene | ng/L | all sites | 4.480 | 6.210 | 27.160 | 0.498 | 1.891 | 8.966 | 1.049 | 2.231 | 5.355 |
| PAHs | C2-1,9-Dimethylfluorene | ng/L | all sites | 0.073 | 0.422 | 3.404 | < | < | < | - | - | - |
| PAHs | C2-3-Ethylfluoranthene | ng/L | all sites | < | < | < | < | < | < | - | - | - |
| PAHs | C2-Benzopyrenes | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | C2-Chrysenes | ng/L | all sites | 4.131 | 7.417 | 14.610 | < | < | < | < | < | < |
| PAHs | C2-Dibenzothiophenes | ng/L | all sites | 6.263 | 21.000 | 50.820 | - | - | - | - | - | - |
| PAHs | C2-Dimethyldibenzothiophenes | ng/L | all sites | 3.955 | 16.560 | 60.425 | 0.325 | 1.700 | 26.691 | 0.389 | 0.750 | 2.905 |
| PAHs | C2-Fluoranthenes/pyrenes | ng/L | all sites | 5.390 | 6.871 | 9.070 | < | < | < | < | < | < |
| PAHs | C2-Fluorenes | ng/L | all sites | 14.000 | 21.900 | 50.100 | - | - | - | - | - | - |
| PAHs | C2-Naphthalenes | ng/L | all sites | - | - | - | - | - | - | - | - | - |
| PAHs | C2-Phenanthrenes | ng/L | all sites | 7.906 | 26.200 | 85.236 | 0.092 | 1.438 | 29.992 | - | - | - |
| PAHs | C3-2,4,7-Trimethyldibenzothiophene | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | C3-4-Propyldibenzothiophene | ng/L | all sites | 0.075 | 0.446 | 3.730 | < | < | < | < | < | < |
| PAHs | C3-Chrysenes | ng/L | all sites | 9.574 | 10.600 | 11.900 | - | - | - | - | - | - |
| PAHs | C3-Dibenzothiophenes | ng/L | all sites | 16.400 | 18.500 | 27.500 | - | - | - | - | - | - |
| PAHs | C3-Fluoranthenes/pyrenes | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | C3-Fluorenes | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | C3-N-Propylfluorene | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | C3-Naphthalenes | ng/L | all sites | 5.529 | 15.231 | 50.650 | < | < | < | < | < | < |
| PAHs | C3-Phenanthrenes | ng/L | all sites | 5.986 | 15.650 | 49.180 | - | - | - | - | - | - |
| PAHs | C4-Chrysenes | ng/L | all sites | 11.576 | 12.650 | 13.840 | - | - | - | - | - | - |
| PAHs | C4-Dibenzothiophenes | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | C4-Fluoranthenes/pyrenes | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | C4-Fluorenes | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | C4-Naphthalenes | ng/L | all sites | 11.510 | 22.000 | 39.200 | - | - | - | - | - | - |
| PAHs | C4-Phenanthrenes | ng/L | all sites | + | + | + | < | < | < | < | < | < |
| PAHs | C4-Phenanthrenes | ng/L | AL07DD0004 | - | - | - | + | + | + | + | + | + |
| PAHs | C4-Phenanthrenes | ng/L | AL07DD0005 | 4.664 | 8.950 | 14.547 | + | + | + | + | + | + |
| PAHs | C4-Phenanthrenes | ng/L | AL07DD0007 | - | - | - | + | + | + | + | + | + |
| PAHs | C4-Phenanthrenes | ng/L | AL07DD0008 | - | - | - | + | + | + | + | + | + |
| PAHs | C4-Phenanthrenes | ng/L | AL07DD0009 | - | - | - | + | + | + | + | + | + |
| PAHs | Chrysene | ng/L | all sites | 0.363 | 2.514 | 23.460 | - | - | - | - | - | - |
| PAHs | Dibenz[a,h]anthracene | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | Dibenzothiophene | ng/L | all sites | - | - | - | - | - | - | - | - | - |
| PAHs | Fluoranthene | ng/L | all sites | 0.673 | 2.142 | 7.115 | < | < | < | < | < | < |
| PAHs | Fluorene | ng/L | all sites | - | - | - | - | - | - | - | - | - |
| PAHs | Indene | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | Indeno[1,2,3-cd]fluoranthene | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | Indeno[1,2,3-cd]pyrene | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | Methylbenzopyrene | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | Methylchrysene | ng/L | all sites | 37.067 | 59.200 | 91.200 | < | < | < | - | - | - |
| PAHs | Methyldibenzothiophene | ng/L | all sites | 1.520 | 3.550 | 17.760 | 0.239 | 0.925 | 4.466 | 0.305 | 0.818 | 2.595 |
| PAHs | Methylfluoranthene | ng/L | all sites | 4.240 | 7.700 | 30.770 | 0.184 | 1.172 | 7.911 | < | < | < |
| PAHs | Methylfluorene | ng/L | all sites | 14.612 | 30.300 | 57.475 | - | - | - | - | - | - |
| PAHs | Methylnaphthalene | ng/L | all sites | 19.113 | 48.027 | 148.130 | - | - | - | - | - | - |
| PAHs | Methylphenanthrene | ng/L | all sites | 6.205 | 30.200 | 110.190 | < | < | < | - | - | - |
| PAHs | Naphthalene | ng/L | all sites | 3.159 | 23.780 | 251.850 | 11.836 | 43.050 | 123.200 | 4.510 | 26.651 | 200.500 |
| PAHs | Perylene | ng/L | all sites | 1.586 | 9.091 | 71.875 | < | < | < | < | < | < |
| PAHs | Phenanthrene | ng/L | all sites | 2.951 | 10.644 | 34.800 | < | < | < | - | - | - |
| PAHs | Pyrene | ng/L | all sites | 0.665 | 3.341 | 24.600 | < | < | < | < | < | < |
| PAHs | Retene | ng/L | all sites | 1.857 | 10.247 | 67.500 | < | < | < | < | < | < |
| Phenolics | Phenol | ug/L | all sites | < | < | < | < | < | < | < | < | < |
| Target PANHs | Acridine | ug/L | all sites | < | < | < | < | < | < | < | < | < |
| Target PANHs | Carbazole | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| Total Metals | Aluminum, Unfiltered | ug/L | all sites | 142.400 | 2530.000 | 8576.000 | 110.820 | 316.000 | 3154.000 | 15.175 | 54.000 | 127.850 |
| Total Metals | Antimony, Unfiltered | ug/L | all sites | 0.050 | 0.107 | 0.197 | 0.016 | 0.060 | 0.153 | 0.014 | 0.056 | 0.088 |
| Total Metals | Arsenic, Unfiltered | ug/L | all sites | 0.638 | 1.980 | 5.432 | 0.498 | 0.710 | 2.632 | 0.384 | 0.560 | 0.774 |
| Total Metals | Barium, Unfiltered | ug/L | all sites | 48.020 | 73.800 | 174.000 | 34.700 | 53.700 | 104.240 | + | + | + |
| Total Metals | Barium, Unfiltered | ug/L | AL07DD0004 | + | + | + | + | + | + | - | - | - |
| Total Metals | Barium, Unfiltered | ug/L | AL07DD0005 | + | + | + | + | + | + | - | - | - |
| Total Metals | Barium, Unfiltered | ug/L | AL07DD0007 | + | + | + | + | + | + | 63.300 | 69.500 | 79.300 |
| Total Metals | Barium, Unfiltered | ug/L | AL07DD0008 | + | + | + | + | + | + | 26.000 | 85.200 | 107.000 |
| Total Metals | Barium, Unfiltered | ug/L | AL07DD0009 | + | + | + | + | + | + | - | - | - |
| Total Metals | Beryllium, Unfiltered | ug/L | all sites | 0.025 | 0.142 | 0.457 | 0.009 | 0.020 | 0.171 | 0.003 | 0.007 | 0.016 |
| Total Metals | Bismuth, Unfiltered | ug/L | all sites | 0.009 | 0.034 | 0.136 | 0.001 | 0.004 | 0.040 | 0.000 | 0.001 | 0.003 |
| Total Metals | Boron, Unfiltered | ug/L | all sites | 13.960 | 25.300 | 34.600 | 16.260 | 23.600 | 31.560 | 31.145 | 36.400 | 43.050 |
| Total Metals | Cadmium, Unfiltered | ug/L | all sites | 0.020 | 0.050 | 0.166 | 0.009 | 0.017 | 0.073 | 0.005 | 0.016 | 0.044 |
| Total Metals | Cerium, Unfiltered | ug/L | all sites | 0.986 | 5.590 | 17.620 | 0.285 | 0.640 | 6.500 | 0.072 | 0.179 | 0.525 |
| Total Metals | Cesium, Unfiltered | ug/L | all sites | 0.075 | 0.486 | 1.674 | 0.022 | 0.058 | 0.583 | 0.006 | 0.013 | 0.027 |
| Total Metals | Chromium, Unfiltered | ug/L | all sites | 0.264 | 3.560 | 11.800 | 0.202 | 0.450 | 4.414 | 0.044 | 0.180 | 0.341 |
| Total Metals | Cobalt, Unfiltered | ug/L | all sites | 0.388 | 1.650 | 5.230 | 0.173 | 0.274 | 1.944 | 0.076 | 0.095 | 0.142 |
| Total Metals | Copper, Unfiltered | ug/L | all sites | 1.138 | 4.400 | 12.360 | 0.526 | 0.910 | 5.694 | + | + | + |
| Total Metals | Copper, Unfiltered | ug/L | AL07DD0004 | + | + | + | + | + | + | - | - | - |
| Total Metals | Copper, Unfiltered | ug/L | AL07DD0005 | + | + | + | + | + | + | - | - | - |
| Total Metals | Copper, Unfiltered | ug/L | AL07DD0007 | + | + | + | + | + | + | 0.290 | 0.660 | 0.970 |
| Total Metals | Copper, Unfiltered | ug/L | AL07DD0008 | + | + | + | + | + | + | 0.170 | 0.590 | 1.998 |
| Total Metals | Copper, Unfiltered | ug/L | AL07DD0009 | + | + | + | + | + | + | - | - | - |
| Total Metals | Gallium, Unfiltered | ug/L | all sites | 0.070 | 0.781 | 2.720 | 0.049 | 0.100 | 0.911 | 0.010 | 0.034 | 0.070 |
| Total Metals | Germanium, Unfiltered | ug/L | all sites | 0.020 | 0.070 | 0.220 | 0.009 | 0.020 | 0.063 | 0.005 | 0.010 | 0.020 |
| Total Metals | Indium, Unfiltered | ug/L | all sites | 0.001 | 0.005 | 0.025 | 0.000 | 0.001 | 0.010 | < | < | < |
| Total Metals | Iron, Unfiltered | ug/L | all sites | 631.400 | 4290.000 | 12800.000 | 308.000 | 709.000 | 5302.000 | 132.900 | 430.500 | 863.550 |
| Total Metals | Lanthanum, Unfiltered | ug/L | all sites | 0.452 | 2.580 | 8.400 | 0.133 | 0.307 | 3.054 | 0.042 | 0.089 | 0.251 |
| Total Metals | Lead, Unfiltered | ug/L | all sites | 0.449 | 2.150 | 6.848 | 0.110 | 0.266 | 2.480 | 0.032 | 0.090 | 0.326 |
| Total Metals | Lithium, Unfiltered | ug/L | all sites | 5.470 | 7.880 | 13.520 | 5.746 | 6.910 | 9.948 | 8.323 | 9.970 | 11.110 |
| Total Metals | Manganese, Unfiltered | ug/L | all sites | 48.260 | 114.000 | 289.000 | 16.300 | 38.500 | 135.000 | 5.380 | 15.850 | 26.755 |
| Total Metals | Mercury, Unfiltered | ng/L | all sites | 2.852 | 10.000 | 28.900 | 0.985 | 1.900 | 12.635 | 0.475 | 0.680 | 0.978 |
| Total Metals | Methylmercury(1+), Unfiltered | ng/L | all sites | 0.066 | 0.180 | 0.326 | 0.022 | 0.060 | 0.220 | 0.031 | 0.037 | 0.040 |
| Total Metals | Molybdenum, Unfiltered | ug/L | all sites | 0.393 | 0.746 | 1.242 | 0.355 | 0.734 | 1.006 | + | + | + |
| Total Metals | Molybdenum, Unfiltered | ug/L | AL07DD0004 | + | + | + | + | + | + | - | - | - |
| Total Metals | Molybdenum, Unfiltered | ug/L | AL07DD0005 | + | + | + | + | + | + | - | - | - |
| Total Metals | Molybdenum, Unfiltered | ug/L | AL07DD0007 | + | + | + | + | + | + | 0.687 | 0.772 | 3.740 |
| Total Metals | Molybdenum, Unfiltered | ug/L | AL07DD0008 | + | + | + | + | + | + | 0.234 | 0.895 | 1.140 |
| Total Metals | Molybdenum, Unfiltered | ug/L | AL07DD0009 | + | + | + | + | + | + | - | - | - |
| Total Metals | Nickel, Unfiltered | ug/L | all sites | 1.454 | 5.230 | 16.320 | 0.904 | 1.320 | 6.386 | + | + | + |
| Total Metals | Nickel, Unfiltered | ug/L | AL07DD0004 | + | + | + | + | + | + | - | - | - |
| Total Metals | Nickel, Unfiltered | ug/L | AL07DD0005 | + | + | + | + | + | + | - | - | - |
| Total Metals | Nickel, Unfiltered | ug/L | AL07DD0007 | + | + | + | + | + | + | 0.750 | 1.030 | 1.480 |
| Total Metals | Nickel, Unfiltered | ug/L | AL07DD0008 | + | + | + | + | + | + | 0.450 | 0.965 | 2.430 |
| Total Metals | Nickel, Unfiltered | ug/L | AL07DD0009 | + | + | + | + | + | + | - | - | - |
| Total Metals | Niobium, Unfiltered | ug/L | all sites | 0.004 | 0.096 | 0.232 | 0.004 | 0.014 | 0.111 | 0.001 | 0.004 | 0.010 |
| Total Metals | Palladium, Unfiltered | ug/L | all sites | < | < | < | < | < | < | < | < | < |
| Total Metals | Platinum, Unfiltered | ug/L | all sites | 0.000 | 0.001 | 0.002 | < | < | < | < | < | < |
| Total Metals | Rubidium, Unfiltered | ug/L | all sites | 1.490 | 5.930 | 18.420 | 1.061 | 1.400 | 6.708 | 1.179 | 1.570 | 1.968 |
| Total Metals | Scandium, Unfiltered | ug/L | all sites | 0.022 | 0.440 | 2.525 | 0.005 | 0.050 | 0.663 | 0.004 | 0.020 | 0.086 |
| Total Metals | Selenium, Unfiltered | ug/L | all sites | 0.138 | 0.220 | 0.586 | 0.098 | 0.140 | 0.290 | + | + | + |
| Total Metals | Selenium, Unfiltered | ug/L | AL07DD0004 | + | + | + | + | + | + | - | - | - |
| Total Metals | Selenium, Unfiltered | ug/L | AL07DD0005 | + | + | + | + | + | + | - | - | - |
| Total Metals | Selenium, Unfiltered | ug/L | AL07DD0007 | + | + | + | + | + | + | 0.130 | 0.180 | 0.210 |
| Total Metals | Selenium, Unfiltered | ug/L | AL07DD0008 | + | + | + | + | + | + | 0.040 | 0.205 | 0.240 |
| Total Metals | Selenium, Unfiltered | ug/L | AL07DD0009 | + | + | + | + | + | + | - | - | - |
| Total Metals | Silver, Unfiltered | ug/L | all sites | 0.004 | 0.023 | 0.068 | 0.001 | 0.004 | 0.043 | 0.001 | 0.002 | 0.006 |
| Total Metals | Strontium, Unfiltered | ug/L | all sites | + | + | + | 123.000 | 223.000 | 293.000 | + | + | + |
| Total Metals | Strontium, Unfiltered | ug/L | AL07DD0004 | 111.000 | 177.000 | 222.000 | + | + | + | - | - | - |
| Total Metals | Strontium, Unfiltered | ug/L | AL07DD0005 | 136.000 | 182.000 | 205.000 | + | + | + | - | - | - |
| Total Metals | Strontium, Unfiltered | ug/L | AL07DD0007 | 162.000 | 214.000 | 246.000 | + | + | + | 275.000 | 316.000 | 384.000 |
| Total Metals | Strontium, Unfiltered | ug/L | AL07DD0008 | 81.600 | 137.000 | 248.000 | + | + | + | 134.000 | 352.000 | 481.000 |
| Total Metals | Strontium, Unfiltered | ug/L | AL07DD0009 | - | - | - | + | + | + | - | - | - |
| Total Metals | Tellurium, Unfiltered | ug/L | all sites | 0.001 | 0.010 | 0.060 | 0.000 | 0.003 | 0.030 | 0.001 | 0.005 | 0.020 |
| Total Metals | Thallium, Unfiltered | ug/L | all sites | 0.013 | 0.053 | 0.183 | 0.005 | 0.010 | 0.054 | 0.002 | 0.005 | 0.009 |
| Total Metals | Tin, Unfiltered | ug/L | all sites | 0.029 | 0.091 | 0.387 | 0.003 | 0.019 | 0.137 | 0.001 | 0.008 | 0.058 |
| Total Metals | Titanium, Unfiltered | ug/L | all sites | 3.020 | 36.000 | 98.380 | 1.800 | 5.300 | 50.180 | 0.400 | 1.100 | 2.660 |
| Total Metals | Tungsten, Unfiltered | ug/L | all sites | 0.004 | 0.009 | 0.024 | 0.001 | 0.005 | 0.016 | 0.001 | 0.004 | 0.023 |
| Total Metals | Uranium, Unfiltered | ug/L | all sites | 0.275 | 0.452 | 1.030 | 0.183 | 0.374 | 0.569 | + | + | + |
| Total Metals | Uranium, Unfiltered | ug/L | AL07DD0004 | + | + | + | + | + | + | - | - | - |
| Total Metals | Uranium, Unfiltered | ug/L | AL07DD0005 | + | + | + | + | + | + | - | - | - |
| Total Metals | Uranium, Unfiltered | ug/L | AL07DD0007 | + | + | + | + | + | + | 0.383 | 0.448 | 0.522 |
| Total Metals | Uranium, Unfiltered | ug/L | AL07DD0008 | + | + | + | + | + | + | 0.101 | 0.572 | 0.768 |
| Total Metals | Uranium, Unfiltered | ug/L | AL07DD0009 | + | + | + | + | + | + | - | - | - |
| Total Metals | Vanadium, Unfiltered | ug/L | all sites | 0.878 | 6.920 | 23.360 | 0.569 | 1.070 | 8.984 | 0.219 | 0.364 | 0.592 |
| Total Metals | Yttrium, Unfiltered | ug/L | all sites | 0.478 | 2.070 | 6.490 | 0.151 | 0.306 | 2.486 | 0.088 | 0.113 | 0.350 |
| Total Metals | Zinc, Unfiltered | ug/L | all sites | 2.520 | 13.100 | 41.380 | 0.980 | 2.000 | 14.640 | + | + | + |
| Total Metals | Zinc, Unfiltered | ug/L | AL07DD0004 | + | + | + | + | + | + | - | - | - |
| Total Metals | Zinc, Unfiltered | ug/L | AL07DD0005 | + | + | + | + | + | + | - | - | - |
| Total Metals | Zinc, Unfiltered | ug/L | AL07DD0007 | + | + | + | + | + | + | 1.000 | 1.600 | 2.000 |
| Total Metals | Zinc, Unfiltered | ug/L | AL07DD0008 | + | + | + | + | + | + | 0.700 | 1.850 | 6.900 |
| Total Metals | Zinc, Unfiltered | ug/L | AL07DD0009 | + | + | + | + | + | + | - | - | - |
| Total Metals | Zirconium, Unfiltered | ug/L | all sites | 0.360 | 1.800 | 4.400 | 0.200 | 0.300 | 2.820 | 0.100 | 0.200 | 0.300 |

*Current Condition Targets Athabasca River - Sediment*

| **Grouping** | **Parameter** | **Unit** | **Site** | **5th** | **50th** | **95th** |
| --- | --- | --- | --- | --- | --- | --- |
| Conventional Variables | Acid Neutralization Potential as %CaCO3 | % | all sites | - | - | - |
| Conventional Variables | Grain size, clay (<2 um) | % | all sites | 0.987 | 7.000 | 15.480 |
| Conventional Variables | Grain size, sand (>=63 um to 2000 um) | % | all sites | 30.500 | 72.000 | 98.800 |
| Conventional Variables | Grain size, silt (>=2 to 63 um) | % | all sites | 1.483 | 19.400 | 48.440 |
| Conventional Variables | Inorganic carbon | % | all sites | - | - | - |
| Conventional Variables | Loss on Ignition @ 375 C | % | all sites | 0.643 | 1.500 | 3.225 |
| Conventional Variables | Moisture content | % | AB07DA0062 | - | - | - |
| Conventional Variables | Moisture content | % | AB07DA0800 | - | - | - |
| Conventional Variables | Moisture content | % | AB07DA3008 | - | - | - |
| Conventional Variables | Moisture content | % | AB07DA3009 | - | - | - |
| Conventional Variables | Moisture content | % | AB07DA3015 | - | - | - |
| Conventional Variables | Moisture content | % | AB07DA3016 | - | - | - |
| Conventional Variables | Moisture content | % | AB07DA3017 | - | - | - |
| Conventional Variables | Moisture content | % | AB07DA3018 | - | - | - |
| Conventional Variables | Moisture content | % | AB07DA3020 | - | - | - |
| Conventional Variables | Moisture content | % | AB07DA3021 | - | - | - |
| Conventional Variables | Moisture content | % | AB07DA3022 | - | - | - |
| Conventional Variables | Moisture content | % | AB07DA3023 | - | - | - |
| Conventional Variables | Moisture content | % | AB07DA3024 | - | - | - |
| Conventional Variables | Moisture content | % | ATR-ER | - | - | - |
| Conventional Variables | Organic Matter | % | all sites | 0.677 | 1.400 | 2.775 |
| Conventional Variables | Organic carbon | % | all sites | - | - | - |
| Conventional Variables | Total carbon | % | all sites | - | - | - |
| Extractable Metals | Methylmercury(1+), Extractable | ng/g | all sites | 0.018 | 0.313 | 1.194 |
| General Organics | BTEX, Total | ug/g | all sites | - | - | - |
| General Organics | Benzene | ug/g | all sites | - | - | - |
| General Organics | C10-C16 Hydrocarbons | ug/g | all sites | - | - | - |
| General Organics | C10H16O2 | % | all sites | 0.003 | 0.010 | 0.040 |
| General Organics | C10H18O2 | % | all sites | 0.010 | 0.040 | 0.138 |
| General Organics | C10H20O2 | % | all sites | 0.073 | 0.385 | 1.677 |
| General Organics | C11H14O2 | % | all sites | 0.008 | 0.030 | 0.065 |
| General Organics | C11H16O2 | % | all sites | 0.000 | 0.004 | 0.037 |
| General Organics | C11H18O2 | % | all sites | 0.003 | 0.010 | 0.040 |
| General Organics | C11H20O2 | % | all sites | 0.015 | 0.060 | 0.190 |
| General Organics | C11H22O2 | % | all sites | 0.209 | 0.450 | 0.782 |
| General Organics | C12H16O2 | % | all sites | 0.004 | 0.015 | 0.058 |
| General Organics | C12H18O2 | % | all sites | 0.001 | 0.005 | 0.020 |
| General Organics | C12H20O2 | % | all sites | 0.013 | 0.060 | 0.285 |
| General Organics | C12H22O2 | % | all sites | 0.112 | 0.310 | 0.620 |
| General Organics | C12H24O2 | % | all sites | 0.432 | 1.000 | 1.599 |
| General Organics | C13H16O2 | % | all sites | 0.000 | 0.004 | 0.050 |
| General Organics | C13H18O2 | % | all sites | 0.003 | 0.010 | 0.037 |
| General Organics | C13H20O2 | % | all sites | 0.005 | 0.025 | 0.135 |
| General Organics | C13H22O2 | % | all sites | 0.002 | 0.030 | 0.203 |
| General Organics | C13H24O2 | % | all sites | 0.037 | 0.105 | 0.195 |
| General Organics | C13H26O2 | % | all sites | 0.379 | 0.765 | 0.945 |
| General Organics | C14H16O2 | % | all sites | < | < | < |
| General Organics | C14H18O2 | % | all sites | 0.001 | 0.010 | 0.077 |
| General Organics | C14H20O2 | % | all sites | 0.005 | 0.025 | 0.090 |
| General Organics | C14H22O2 | % | all sites | 0.050 | 0.100 | 1.608 |
| General Organics | C14H24O2 | % | all sites | 0.060 | 0.135 | 2.639 |
| General Organics | C14H26O2 | % | all sites | 0.418 | 0.785 | 1.309 |
| General Organics | C14H28O2 | % | AB07DA0062 | - | - | - |
| General Organics | C14H28O2 | % | AB07DA0800 | - | - | - |
| General Organics | C14H28O2 | % | AB07DA3008 | - | - | - |
| General Organics | C14H28O2 | % | AB07DA3009 | - | - | - |
| General Organics | C14H28O2 | % | AB07DA3015 | - | - | - |
| General Organics | C14H28O2 | % | AB07DA3016 | - | - | - |
| General Organics | C14H28O2 | % | AB07DA3017 | - | - | - |
| General Organics | C14H28O2 | % | AB07DA3018 | - | - | - |
| General Organics | C14H28O2 | % | AB07DA3020 | - | - | - |
| General Organics | C14H28O2 | % | AB07DA3021 | - | - | - |
| General Organics | C14H28O2 | % | AB07DA3022 | - | - | - |
| General Organics | C14H28O2 | % | AB07DA3023 | - | - | - |
| General Organics | C14H28O2 | % | AB07DA3024 | - | - | - |
| General Organics | C15H14O2 | % | all sites | 0.002 | 0.006 | 0.020 |
| General Organics | C15H16O2 | % | all sites | 0.001 | 0.006 | 0.030 |
| General Organics | C15H18O2 | % | all sites | 0.000 | 0.002 | 0.028 |
| General Organics | C15H20O2 | % | all sites | 0.005 | 0.040 | 0.172 |
| General Organics | C15H22O2 | % | all sites | 0.024 | 0.095 | 1.442 |
| General Organics | C15H24O2 | % | all sites | 0.034 | 0.150 | 2.124 |
| General Organics | C15H26O2 | % | all sites | 0.074 | 0.180 | 1.897 |
| General Organics | C15H28O2 | % | all sites | 0.828 | 2.010 | 3.514 |
| General Organics | C15H30O2 | % | all sites | 2.606 | 4.240 | 6.840 |
| General Organics | C16-C34 Hydrocarbons | ug/g | all sites | - | - | - |
| General Organics | C16H14O2 | % | all sites | 0.003 | 0.010 | 0.040 |
| General Organics | C16H16O2 | % | all sites | < | < | < |
| General Organics | C16H18O2 | % | all sites | 0.002 | 0.009 | 0.048 |
| General Organics | C16H20O2 | % | all sites | 0.002 | 0.025 | 0.140 |
| General Organics | C16H22O2 | % | all sites | 0.009 | 0.055 | 0.223 |
| General Organics | C16H24O2 | % | all sites | 0.327 | 2.165 | 3.927 |
| General Organics | C16H26O2 | % | all sites | 0.474 | 2.790 | 4.553 |
| General Organics | C16H28O2 | % | all sites | 0.757 | 3.030 | 4.710 |
| General Organics | C16H30O2 | % | all sites | 6.653 | 13.700 | 20.710 |
| General Organics | C16H32O2 | % | all sites | 0.093 | 4.520 | 25.445 |
| General Organics | C17H18O2 | % | all sites | 0.000 | 0.006 | 0.080 |
| General Organics | C17H20O2 | % | all sites | 0.002 | 0.020 | 0.083 |
| General Organics | C17H22O2 | % | all sites | 0.005 | 0.045 | 0.217 |
| General Organics | C17H24O2 | % | all sites | 0.008 | 0.075 | 0.263 |
| General Organics | C17H26O2 | % | all sites | 0.044 | 0.125 | 0.462 |
| General Organics | C17H28O2 | % | all sites | 0.085 | 0.270 | 0.686 |
| General Organics | C17H30O2 | % | all sites | 0.128 | 0.300 | 0.679 |
| General Organics | C17H32O2 | % | all sites | 1.655 | 2.945 | 7.080 |
| General Organics | C17H34O2 | % | all sites | 1.421 | 2.915 | 8.318 |
| General Organics | C18H20O2 | % | all sites | 0.001 | 0.010 | 0.098 |
| General Organics | C18H22O2 | % | all sites | 0.007 | 0.035 | 0.138 |
| General Organics | C18H24O2 | % | all sites | 0.030 | 0.085 | 0.170 |
| General Organics | C18H26O2 | % | all sites | 0.084 | 0.145 | 0.643 |
| General Organics | C18H28O2 | % | all sites | 0.322 | 1.775 | 5.473 |
| General Organics | C18H30O2 | % | all sites | 0.620 | 1.930 | 3.467 |
| General Organics | C18H32O2 | % | all sites | 1.474 | 2.780 | 6.480 |
| General Organics | C18H34O2 | % | all sites | 4.561 | 7.010 | 25.260 |
| General Organics | C18H36O2 | % | all sites | 0.123 | 0.610 | 24.955 |
| General Organics | C19H20O2 | % | all sites | 0.000 | 0.005 | 0.087 |
| General Organics | C19H22O2 | % | all sites | 0.033 | 0.135 | 0.480 |
| General Organics | C19H24O2 | % | all sites | 0.010 | 0.050 | 0.098 |
| General Organics | C19H26O2 | % | all sites | 0.020 | 0.080 | 0.325 |
| General Organics | C19H28O2 | % | all sites | 0.030 | 0.150 | 0.376 |
| General Organics | C19H30O2 | % | all sites | 0.047 | 0.160 | 0.346 |
| General Organics | C19H32O2 | % | all sites | 0.034 | 0.155 | 0.613 |
| General Organics | C19H34O2 | % | all sites | 0.073 | 0.315 | 1.093 |
| General Organics | C19H36O2 | % | all sites | 0.224 | 0.460 | 1.155 |
| General Organics | C19H38O2 | % | all sites | 0.201 | 0.322 | 0.560 |
| General Organics | C20H22O2 | % | all sites | 0.001 | 0.010 | 0.117 |
| General Organics | C20H24O2 | % | all sites | 0.010 | 0.030 | 0.113 |
| General Organics | C20H26O2 | % | all sites | 0.023 | 0.115 | 0.290 |
| General Organics | C20H28O2 | % | all sites | 0.451 | 1.065 | 4.846 |
| General Organics | C20H30O2 | % | all sites | 0.947 | 7.215 | 13.085 |
| General Organics | C20H32O2 | % | all sites | 0.395 | 1.190 | 2.136 |
| General Organics | C20H34O2 | % | all sites | 0.128 | 0.320 | 0.685 |
| General Organics | C20H36O2 | % | all sites | 0.224 | 0.415 | 1.416 |
| General Organics | C20H38O2 | % | all sites | 0.109 | 0.290 | 0.522 |
| General Organics | C20H40O2 | % | all sites | 0.297 | 0.855 | 1.250 |
| General Organics | C21H24O2 | % | all sites | 0.015 | 0.050 | 0.095 |
| General Organics | C21H26O2 | % | all sites | 0.003 | 0.012 | 0.050 |
| General Organics | C21H28O2 | % | all sites | 0.002 | 0.020 | 0.098 |
| General Organics | C21H30O2 | % | all sites | 0.013 | 0.060 | 0.117 |
| General Organics | C21H32O2 | % | all sites | 0.020 | 0.065 | 0.237 |
| General Organics | C21H34O2 | % | all sites | 0.030 | 0.110 | 0.403 |
| General Organics | C21H36O2 | % | all sites | 0.020 | 0.195 | 0.824 |
| General Organics | C21H38O2 | % | all sites | 0.040 | 0.295 | 1.369 |
| General Organics | C21H40O2 | % | all sites | 0.012 | 0.095 | 0.482 |
| General Organics | C21H42O2 | % | all sites | 0.213 | 0.390 | 0.963 |
| General Organics | C22H32O2 | % | all sites | 0.117 | 0.800 | 2.453 |
| General Organics | C22H34O2 | % | all sites | 0.077 | 0.245 | 0.809 |
| General Organics | C22H36O2 | % | all sites | 0.043 | 0.125 | 0.501 |
| General Organics | C22H38O2 | % | all sites | 0.027 | 0.095 | 0.305 |
| General Organics | C22H40O2 | % | all sites | 0.060 | 0.285 | 1.389 |
| General Organics | C22H42O2 | % | all sites | 0.124 | 0.345 | 1.111 |
| General Organics | C22H44O2 | % | all sites | 0.013 | 0.605 | 1.865 |
| General Organics | C23H32O2 | % | all sites | 0.005 | 0.020 | 0.072 |
| General Organics | C23H34O2 | % | all sites | 0.004 | 0.030 | 0.095 |
| General Organics | C23H36O2 | % | all sites | 0.005 | 0.040 | 0.125 |
| General Organics | C23H38O2 | % | all sites | 0.013 | 0.060 | 0.300 |
| General Organics | C23H40O2 | % | all sites | 0.024 | 0.150 | 0.848 |
| General Organics | C23H42O2 | % | all sites | 0.037 | 0.270 | 1.375 |
| General Organics | C23H44O2 | % | all sites | 0.053 | 0.190 | 0.846 |
| General Organics | C23H46O2 | % | all sites | 0.125 | 0.410 | 0.918 |
| General Organics | C24H36O2 | % | all sites | 0.002 | 0.020 | 0.102 |
| General Organics | C24H38O2 | % | all sites | 0.008 | 0.030 | 0.080 |
| General Organics | C24H40O2 | % | all sites | 0.009 | 0.040 | 0.120 |
| General Organics | C24H42O2 | % | all sites | 0.037 | 0.195 | 1.226 |
| General Organics | C24H44O2 | % | all sites | 0.060 | 0.240 | 1.343 |
| General Organics | C24H46O2 | % | all sites | 0.035 | 0.235 | 0.378 |
| General Organics | C24H48O2 | % | all sites | 0.013 | 0.750 | 2.045 |
| General Organics | C25H38O2 | % | all sites | 0.001 | 0.005 | 0.048 |
| General Organics | C25H40O2 | % | all sites | 0.009 | 0.035 | 0.077 |
| General Organics | C25H42O2 | % | all sites | 0.007 | 0.030 | 0.117 |
| General Organics | C25H44O2 | % | all sites | 0.012 | 0.080 | 0.280 |
| General Organics | C25H46O2 | % | all sites | 0.035 | 0.150 | 0.495 |
| General Organics | C25H48O2 | % | all sites | 0.040 | 0.085 | 0.376 |
| General Organics | C25H50O2 | % | all sites | 0.010 | 0.390 | 0.800 |
| General Organics | C34-C50 Hydrocarbons | ug/g | all sites | - | - | - |
| General Organics | C5H10O2 | % | all sites | 0.005 | 0.029 | 0.120 |
| General Organics | C6H12O2 | % | all sites | 0.002 | 0.020 | 0.145 |
| General Organics | C7H12O2 | % | all sites | 0.003 | 0.010 | 0.030 |
| General Organics | C7H14O2 | % | all sites | 0.006 | 0.035 | 0.190 |
| General Organics | C8H14O2 | % | all sites | 0.006 | 0.020 | 0.068 |
| General Organics | C8H16O2 | % | all sites | 0.043 | 0.185 | 0.695 |
| General Organics | C9H14O2 | % | all sites | 0.001 | 0.008 | 0.060 |
| General Organics | C9H16O2 | % | all sites | 0.005 | 0.025 | 0.065 |
| General Organics | C9H18O2 | % | all sites | 0.134 | 0.470 | 1.377 |
| General Organics | Ethylbenzene | ug/g | all sites | - | - | - |
| General Organics | Hydrocarbons | ug/g | all sites | - | - | - |
| General Organics | Naphthenic acids | ug/g | all sites | 52.910 | 136.500 | 458.900 |
| General Organics | Toluene | ug/g | all sites | - | - | - |
| General Organics | Total xylenes | ug/g | all sites | - | - | - |
| General Organics | m,p-Xylene | ug/g | all sites | - | - | - |
| General Organics | o-Xylene | ug/g | all sites | - | - | - |
| Nutrients and BOD | Ammonium, Available as N | ng/g | all sites | 819.464 | 6550.000 | 25800.000 |
| Nutrients and BOD | Kjeldahl nitrogen, Total | % | all sites | 0.013 | 0.040 | 0.102 |
| PAHs | 1,2,6-Trimethylphenanthrene | ng/g | all sites | 1.050 | 3.155 | 8.620 |
| PAHs | 1,2-Dimethylnaphthalene | ng/g | all sites | 0.224 | 1.530 | 2.980 |
| PAHs | 1,4,6,7-Tetramethylnaphthalene | ng/g | all sites | 1.650 | 4.550 | 8.090 |
| PAHs | 1,6,7-Trimethylnaphthalene | ng/g | all sites | 1.410 | 6.215 | 10.200 |
| PAHs | 1,7-Dimethylfluorene | ng/g | all sites | 0.531 | 1.620 | 4.680 |
| PAHs | 1,7-Dimethylphenanthrene | ng/g | all sites | 2.050 | 6.925 | 22.400 |
| PAHs | 1,8-Dimethylphenanthrene | ng/g | all sites | 0.514 | 1.750 | 4.980 |
| PAHs | 1-Methylchrysene | ng/g | all sites | 1.550 | 4.685 | 29.000 |
| PAHs | 1-Methylnaphthalene | ng/g | all sites | 1.400 | 6.785 | 16.600 |
| PAHs | 1-Methylphenanthrene | ng/g | all sites | 1.700 | 6.160 | 21.400 |
| PAHs | 2,3,6-Trimethylnaphthalene | ng/g | all sites | 1.710 | 7.295 | 14.200 |
| PAHs | 2,4-Dimethyldibenzothiophene | ng/g | all sites | 1.590 | 4.050 | 26.100 |
| PAHs | 2,6-Dimethylnaphthalene | ng/g | all sites | 1.560 | 6.960 | 18.300 |
| PAHs | 2,6-Dimethylphenanthrene | ng/g | all sites | 1.080 | 3.130 | 17.500 |
| PAHs | 2-Methylanthracene | ng/g | all sites | 0.473 | 1.190 | 19.600 |
| PAHs | 2-Methyldibenzothiophenes/3-Methyldibenzothiophenes | ng/g | all sites | 1.120 | 3.585 | 45.000 |
| PAHs | 2-Methylfluorene | ng/g | all sites | 0.460 | 1.090 | 3.070 |
| PAHs | 2-Methylnaphthalene | ng/g | all sites | 2.150 | 10.985 | 32.000 |
| PAHs | 2-Methylphenanthrene | ng/g | all sites | 2.500 | 9.300 | 48.600 |
| PAHs | 3,6-Dimethylphenanthrene | ng/g | all sites | 1.340 | 3.925 | 12.300 |
| PAHs | 3-Methylfluoranthene/Benzo[a]fluorene | ng/g | all sites | 3.290 | 8.375 | 31.800 |
| PAHs | 3-Methylphenanthrene | ng/g | all sites | 2.070 | 6.855 | 29.400 |
| PAHs | 4,6-Dimethyldibenzothiophene | ng/g | all sites | - | - | - |
| PAHs | 5,9-Dimethylchrysene | ng/g | all sites | 4.840 | 11.900 | 56.300 |
| PAHs | 5-Methylchrysene/6-Methylchrysene | ng/g | all sites | 0.999 | 2.840 | 11.900 |
| PAHs | 7-Methylbenzo[a]pyrene | ng/g | all sites | 1.030 | 2.535 | 12.000 |
| PAHs | 9-Methylphenanthrene/4-Methylphenanthrene | ng/g | all sites | 2.570 | 7.945 | 22.900 |
| PAHs | Acenaphthene | ng/g | all sites | < | < | < |
| PAHs | Acenaphthylene | ng/g | all sites | - | - | - |
| PAHs | Anthracene | ng/g | all sites | < | < | < |
| PAHs | Benz[a]anthracene | ng/g | all sites | < | < | < |
| PAHs | Benzo(b)fluoranthene | ng/g | all sites | 2.380 | 7.830 | 22.300 |
| PAHs | Benzo(j+k)fluoranthene | ng/g | all sites | 1.100 | 2.725 | 13.800 |
| PAHs | Benzo[a]pyrene | ng/g | all sites | < | < | < |
| PAHs | Benzo[b,j,k]fluoranthene | ng/g | all sites | - | - | - |
| PAHs | Benzo[e]pyrene | ng/g | all sites | 2.870 | 8.220 | 46.900 |
| PAHs | Benzo[ghi]perylene | ng/g | all sites | < | < | < |
| PAHs | Biphenyl | ng/g | all sites | < | < | < |
| PAHs | C1-Acenaphthenes | ng/g | all sites | < | < | < |
| PAHs | C1-Benzo[a]anthracenes/chrysenes | ng/g | all sites | 9.621 | 35.150 | 105.855 |
| PAHs | C1-Benzofluoranthenes/benzopyrenes | ng/g | all sites | < | < | < |
| PAHs | C1-Biphenyls | ng/g | all sites | < | < | < |
| PAHs | C1-Dibenzothiophenes | ng/g | all sites | 0.230 | 3.021 | 36.900 |
| PAHs | C1-Fluoranthenes/pyrenes | ng/g | all sites | 5.228 | 27.900 | 121.020 |
| PAHs | C1-Fluorenes | ng/g | all sites | < | < | < |
| PAHs | C1-Naphthalenes | ng/g | all sites | 7.899 | 16.237 | 29.400 |
| PAHs | C1-Phenanthrenes/anthracenes | ng/g | all sites | 4.491 | 20.100 | 61.100 |
| PAHs | C2-Benzo[a]anthracenes/chrysenes | ng/g | all sites | < | < | < |
| PAHs | C2-Benzofluoranthenes/benzopyrenes | ng/g | all sites | < | < | < |
| PAHs | C2-Biphenyls | ng/g | all sites | < | < | < |
| PAHs | C2-Dibenzothiophenes | ng/g | all sites | 8.080 | 54.400 | 125.000 |
| PAHs | C2-Fluoranthenes/pyrenes | ng/g | all sites | 10.366 | 48.200 | 159.050 |
| PAHs | C2-Fluorenes | ng/g | all sites | 8.435 | 17.467 | 33.600 |
| PAHs | C2-Naphthalenes | ng/g | all sites | 8.482 | 27.500 | 49.900 |
| PAHs | C2-Phenanthrenes/anthracenes | ng/g | all sites | 5.188 | 38.400 | 70.300 |
| PAHs | C3-Benzo[a]anthracenes/chrysenes | ng/g | all sites | 5.910 | 16.300 | 49.000 |
| PAHs | C3-Dibenzothiophenes | ng/g | all sites | 11.457 | 103.000 | 255.000 |
| PAHs | C3-Fluoranthenes/pyrenes | ng/g | all sites | 9.052 | 38.200 | 96.170 |
| PAHs | C3-Fluorenes | ng/g | all sites | 10.693 | 27.777 | 80.000 |
| PAHs | C3-Naphthalenes | ng/g | all sites | 9.549 | 26.200 | 42.300 |
| PAHs | C3-Phenanthrenes/anthracenes | ng/g | all sites | 7.515 | 50.000 | 110.000 |
| PAHs | C4-Benzo[a]anthracenes/chrysenes | ng/g | all sites | 2.430 | 8.350 | 17.000 |
| PAHs | C4-Dibenzothiophenes | ng/g | all sites | 28.875 | 82.000 | 265.000 |
| PAHs | C4-Fluoranthenes/pyrenes | ng/g | all sites | 7.320 | 22.050 | 47.400 |
| PAHs | C4-Naphthalenes | ng/g | all sites | 15.905 | 28.800 | 43.000 |
| PAHs | C4-Phenanthrenes/anthracenes | ng/g | all sites | 16.610 | 215.000 | 895.600 |
| PAHs | Chrysene | ng/g | all sites | 1.029 | 12.600 | 73.840 |
| PAHs | Dibenz[a,h]anthracene | ng/g | all sites | < | < | < |
| PAHs | Dibenzothiophene | ng/g | all sites | < | < | < |
| PAHs | Fluoranthene | ng/g | all sites | < | < | < |
| PAHs | Fluorene | ng/g | all sites | < | < | < |
| PAHs | Indeno[1,2,3-cd]pyrene | ng/g | all sites | < | < | < |
| PAHs | Naphthalene | ng/g | all sites | < | < | < |
| PAHs | Perylene | ng/g | all sites | 22.100 | 68.750 | 129.000 |
| PAHs | Phenanthrene | ng/g | all sites | < | < | < |
| PAHs | Pyrene | ng/g | all sites | 0.580 | 3.246 | 15.400 |
| PAHs | Retene | ng/g | all sites | 6.977 | 42.200 | 84.400 |
| Phenolics | Phenols, Extractable | ng/g | all sites | < | < | < |
| Total Metals | Aluminum | ug/g | all sites | 848.000 | 5340.000 | 9890.000 |
| Total Metals | Antimony | ug/g | all sites | 0.095 | 0.195 | 0.297 |
| Total Metals | Arsenic | ug/g | all sites | 1.960 | 4.210 | 6.670 |
| Total Metals | Barium | ug/g | AB07DA0062 | - | - | - |
| Total Metals | Barium | ug/g | AB07DA0800 | - | - | - |
| Total Metals | Barium | ug/g | AB07DA3008 | - | - | - |
| Total Metals | Barium | ug/g | AB07DA3009 | - | - | - |
| Total Metals | Barium | ug/g | AB07DA3015 | - | - | - |
| Total Metals | Barium | ug/g | AB07DA3016 | - | - | - |
| Total Metals | Barium | ug/g | AB07DA3017 | - | - | - |
| Total Metals | Barium | ug/g | AB07DA3018 | - | - | - |
| Total Metals | Barium | ug/g | AB07DA3020 | - | - | - |
| Total Metals | Barium | ug/g | AB07DA3021 | - | - | - |
| Total Metals | Barium | ug/g | AB07DA3022 | - | - | - |
| Total Metals | Barium | ug/g | AB07DA3023 | - | - | - |
| Total Metals | Barium | ug/g | AB07DA3024 | - | - | - |
| Total Metals | Barium | ug/g | ATR-ER | - | - | - |
| Total Metals | Beryllium | ug/g | all sites | < | < | < |
| Total Metals | Bismuth | ug/g | all sites | - | - | - |
| Total Metals | Boron | ug/g | all sites | 3.589 | 5.250 | 7.825 |
| Total Metals | Cadmium | ug/g | all sites | < | < | < |
| Total Metals | Calcium | ug/g | AB07DA0062 | - | - | - |
| Total Metals | Calcium | ug/g | AB07DA0800 | - | - | - |
| Total Metals | Calcium | ug/g | AB07DA3008 | - | - | - |
| Total Metals | Calcium | ug/g | AB07DA3009 | - | - | - |
| Total Metals | Calcium | ug/g | AB07DA3015 | - | - | - |
| Total Metals | Calcium | ug/g | AB07DA3016 | - | - | - |
| Total Metals | Calcium | ug/g | AB07DA3017 | - | - | - |
| Total Metals | Calcium | ug/g | AB07DA3018 | - | - | - |
| Total Metals | Calcium | ug/g | AB07DA3020 | - | - | - |
| Total Metals | Calcium | ug/g | AB07DA3021 | - | - | - |
| Total Metals | Calcium | ug/g | AB07DA3022 | - | - | - |
| Total Metals | Calcium | ug/g | AB07DA3023 | - | - | - |
| Total Metals | Calcium | ug/g | AB07DA3024 | - | - | - |
| Total Metals | Chromium | ug/g | all sites | 2.285 | 10.900 | 17.350 |
| Total Metals | Cobalt | ug/g | all sites | 1.995 | 6.030 | 8.800 |
| Total Metals | Copper | ug/g | all sites | 1.415 | 6.750 | 14.420 |
| Total Metals | Iron | ug/g | all sites | 4000.000 | 13000.000 | 20300.000 |
| Total Metals | Lead | ug/g | all sites | 3.187 | 5.340 | 8.888 |
| Total Metals | Lithium | ug/g | all sites | 4.253 | 8.120 | 12.360 |
| Total Metals | Magnesium | ug/g | AB07DA0062 | - | - | - |
| Total Metals | Magnesium | ug/g | AB07DA0800 | - | - | - |
| Total Metals | Magnesium | ug/g | AB07DA3008 | - | - | - |
| Total Metals | Magnesium | ug/g | AB07DA3009 | - | - | - |
| Total Metals | Magnesium | ug/g | AB07DA3015 | - | - | - |
| Total Metals | Magnesium | ug/g | AB07DA3016 | - | - | - |
| Total Metals | Magnesium | ug/g | AB07DA3017 | - | - | - |
| Total Metals | Magnesium | ug/g | AB07DA3018 | - | - | - |
| Total Metals | Magnesium | ug/g | AB07DA3020 | - | - | - |
| Total Metals | Magnesium | ug/g | AB07DA3021 | - | - | - |
| Total Metals | Magnesium | ug/g | AB07DA3022 | - | - | - |
| Total Metals | Magnesium | ug/g | AB07DA3023 | - | - | - |
| Total Metals | Magnesium | ug/g | AB07DA3024 | - | - | - |
| Total Metals | Magnesium | ug/g | ATR-ER | - | - | - |
| Total Metals | Manganese | ug/g | all sites | 78.350 | 289.000 | 555.500 |
| Total Metals | Mercury | ug/g | all sites | < | < | < |
| Total Metals | Molybdenum | ug/g | all sites | < | < | < |
| Total Metals | Nickel | ug/g | all sites | 3.365 | 13.300 | 21.150 |
| Total Metals | Phosphorus | ug/g | AB07DA0062 | - | - | - |
| Total Metals | Phosphorus | ug/g | AB07DA0800 | - | - | - |
| Total Metals | Phosphorus | ug/g | AB07DA3008 | - | - | - |
| Total Metals | Phosphorus | ug/g | AB07DA3009 | - | - | - |
| Total Metals | Phosphorus | ug/g | AB07DA3015 | - | - | - |
| Total Metals | Phosphorus | ug/g | AB07DA3016 | - | - | - |
| Total Metals | Phosphorus | ug/g | AB07DA3017 | - | - | - |
| Total Metals | Phosphorus | ug/g | AB07DA3018 | - | - | - |
| Total Metals | Phosphorus | ug/g | AB07DA3020 | - | - | - |
| Total Metals | Phosphorus | ug/g | AB07DA3021 | - | - | - |
| Total Metals | Phosphorus | ug/g | AB07DA3022 | - | - | - |
| Total Metals | Phosphorus | ug/g | AB07DA3023 | - | - | - |
| Total Metals | Phosphorus | ug/g | AB07DA3024 | - | - | - |
| Total Metals | Potassium | ug/g | all sites | 222.100 | 767.500 | 1261.500 |
| Total Metals | Silver | ug/g | all sites | < | < | < |
| Total Metals | Sodium | ug/g | all sites | < | < | < |
| Total Metals | Strontium | ug/g | all sites | 7.950 | 46.700 | 75.550 |
| Total Metals | Thallium | ug/g | all sites | < | < | < |
| Total Metals | Thorium | ug/g | all sites | 0.890 | 3.325 | 5.251 |
| Total Metals | Tin | ug/g | all sites | < | < | < |
| Total Metals | Titanium | ug/g | all sites | 34.405 | 63.900 | 96.815 |
| Total Metals | Tungsten | ug/g | all sites | < | < | < |
| Total Metals | Uranium | ug/g | all sites | < | < | < |
| Total Metals | Vanadium | ug/g | all sites | 4.215 | 17.100 | 27.400 |
| Total Metals | Zinc | ug/g | all sites | 12.231 | 39.900 | 61.720 |
| Total Metals | Zirconium | ug/g | all sites | 1.325 | 3.950 | 5.955 |

*Current Condition Targets, Athabasca River Delta - Water*

|  | | | | High Flow | | | Open Water | | | Under Ice | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Grouping** | **Parameter** | **Unit** | **Site** | **5th** | **50th** | **95th** | **5th** | **50th** | **95th** | **5th** | **50th** | **95th** |
| Bacteria | Escherichia coli | No/100 mL | all sites | 1.375 | 5.483 | 30.000 | < | < | < | < | < | < |
| Bacteria | Fecal Coliform | No/100 mL | all sites | 1.237 | 6.505 | 39.800 | 0.094 | 1.534 | 29.000 | < | < | < |
| Bacteria | Total Coliform | No/100 mL | all sites | - | - | - | - | - | - | - | - | - |
| Conventional Variables | Alkalinity, Phenolphthalein (total hydroxide+1/2 carbonate) as CaCO3 | mg/L | all sites | < | < | < | < | < | < | < | < | < |
| Conventional Variables | Alkalinity, total as CaCO3 | mg/L | all sites | 68.800 | 89.000 | 100.000 | 90.400 | 110.000 | 128.000 | 100.000 | 140.000 | 160.000 |
| Conventional Variables | Deuterium/Hydrogen ratio | o/oo VSMOW | all sites | -152.400 | -144.250 | -135.600 | -142.200 | -139.300 | -133.800 | -144.570 | -139.950 | -136.675 |
| Conventional Variables | Dissolved oxygen (DO) | mg/L | all sites | - | - | - | - | - | - | - | - | - |
| Conventional Variables | Organic carbon, Filtered | mg/L | all sites | 4.600 | 12.000 | 19.600 | 5.420 | 7.900 | 16.800 | 4.480 | 7.500 | 13.000 |
| Conventional Variables | Organic carbon, Unfiltered | mg/L | all sites | - | - | - | - | - | - | - | - | - |
| Conventional Variables | Organic carbon, Unknown | mg/L | all sites | 4.300 | 12.500 | 19.000 | 4.470 | 9.100 | 20.500 | 5.025 | 8.200 | 14.000 |
| Conventional Variables | Oxidation reduction potential (ORP) | mV | all sites | 162.300 | 288.500 | 547.900 | 107.000 | 208.500 | 421.250 | + | + | + |
| Conventional Variables | Oxidation reduction potential (ORP) | mV | AB07DD0010 | + | + | + | + | + | + | 105.200 | 193.000 | 426.860 |
| Conventional Variables | Oxidation reduction potential (ORP) | mV | AB07DD0105 | + | + | + | + | + | + | 104.300 | 227.500 | 553.200 |
| Conventional Variables | Oxygen-18 | o/oo VSMOW | all sites | -19.020 | -18.180 | -16.980 | -17.760 | -17.300 | -16.700 | -18.213 | -17.320 | -16.904 |
| Conventional Variables | Specific conductivity | uS/cm | all sites | 172.000 | 220.000 | 286.000 | 232.000 | 290.000 | 362.000 | 289.000 | 420.000 | 493.000 |
| Conventional Variables | Temperature, air | degC | all sites | 6.000 | 17.000 | 34.000 | -4.000 | 8.000 | 22.000 | -26.500 | -7.000 | 6.250 |
| Conventional Variables | Total dissolved solids, Filtered | mg/L | all sites | 101.000 | 140.000 | 180.000 | 141.000 | 180.000 | 267.000 | 178.000 | 250.000 | 302.000 |
| Conventional Variables | Total suspended solids, Non-Filterable (Particle) | mg/L | all sites | 34.000 | 160.000 | 612.000 | 10.400 | 32.000 | 206.000 | 1.300 | 4.000 | 17.000 |
| Conventional Variables | True colour, Filtered | rel units | all sites | 15.600 | 66.000 | 126.000 | 16.200 | 32.000 | 97.800 | 17.800 | 28.000 | 57.900 |
| Conventional Variables | Turbidity | NTU | all sites | 4.120 | 65.000 | 246.000 | 4.200 | 13.000 | 77.800 | 2.880 | 3.700 | 14.900 |
| Conventional Variables | pH, lab | pH units | all sites | 7.632 | 8.020 | 8.170 | 7.598 | 8.040 | 8.202 | + | + | + |
| Conventional Variables | pH, lab | pH units | AB07DD0010 | + | + | + | + | + | + | 7.776 | 7.960 | 8.056 |
| Conventional Variables | pH, lab | pH units | AB07DD0105 | + | + | + | + | + | + | 7.638 | 7.885 | 8.015 |
| Dissolved Metals | Aluminum, Filtered | ug/L | all sites | 3.550 | 16.200 | 104.850 | 1.840 | 7.960 | 39.060 | 1.915 | 4.230 | 18.390 |
| Dissolved Metals | Antimony, Filtered | ug/L | all sites | 0.057 | 0.087 | 0.129 | < | < | < | + | + | + |
| Dissolved Metals | Antimony, Filtered | ug/L | AB07DD0010 | + | + | + | + | + | + | < | < | < |
| Dissolved Metals | Antimony, Filtered | ug/L | AB07DD0105 | + | + | + | + | + | + | < | < | < |
| Dissolved Metals | Arsenic, Filtered | ug/L | all sites | 0.355 | 0.546 | 0.787 | 0.327 | 0.504 | 0.799 | 0.298 | 0.424 | 0.596 |
| Dissolved Metals | Barium, Filtered | ug/L | all sites | 34.700 | 42.950 | 49.550 | 40.780 | 45.600 | 53.300 | 44.510 | 59.750 | 70.340 |
| Dissolved Metals | Beryllium, Filtered | ug/L | all sites | 0.002 | 0.006 | 0.022 | 0.000 | 0.001 | 0.043 | 0.000 | 0.003 | 0.046 |
| Dissolved Metals | Bismuth, Filtered | ug/L | all sites | 0.001 | 0.002 | 0.007 | 0.001 | 0.003 | 0.018 | < | < | < |
| Dissolved Metals | Boron, Filtered | ug/L | all sites | 15.625 | 22.200 | 30.925 | 17.860 | 22.600 | 29.200 | 24.360 | 31.750 | 37.770 |
| Dissolved Metals | Cadmium, Filtered | ug/L | all sites | 0.006 | 0.009 | 0.022 | 0.005 | 0.009 | 0.109 | 0.009 | 0.014 | 0.033 |
| Dissolved Metals | Calcium, Filtered | mg/L | all sites | 17.650 | 25.750 | 31.075 | 25.120 | 31.400 | 36.800 | 29.550 | 40.200 | 48.640 |
| Dissolved Metals | Chlorine, Filtered | mg/L | all sites | 1.560 | 4.095 | 7.832 | 4.026 | 8.220 | 16.480 | 10.295 | 20.800 | 37.090 |
| Dissolved Metals | Chromium, Filtered | ug/L | all sites | 0.081 | 0.235 | 0.756 | 0.049 | 0.148 | 0.543 | 0.100 | 0.240 | 0.476 |
| Dissolved Metals | Cobalt, Filtered | ug/L | all sites | 0.039 | 0.067 | 0.127 | 0.036 | 0.067 | 0.217 | + | + | + |
| Dissolved Metals | Cobalt, Filtered | ug/L | AB07DD0010 | + | + | + | + | + | + | 0.038 | 0.078 | 0.170 |
| Dissolved Metals | Cobalt, Filtered | ug/L | AB07DD0105 | + | + | + | + | + | + | 0.020 | 0.058 | 0.137 |
| Dissolved Metals | Copper, Filtered | ug/L | all sites | 0.833 | 1.555 | 2.460 | 0.646 | 0.970 | 2.184 | 0.501 | 0.750 | 1.353 |
| Dissolved Metals | Iron, Filtered | ug/L | all sites | 29.550 | 121.500 | 426.500 | 23.600 | 95.000 | 293.600 | 116.650 | 178.000 | 367.400 |
| Dissolved Metals | Lead, Filtered | ug/L | all sites | 0.022 | 0.084 | 0.259 | 0.009 | 0.038 | 0.228 | 0.008 | 0.052 | 0.756 |
| Dissolved Metals | Lithium, Filtered | ug/L | all sites | 3.750 | 5.210 | 7.400 | 4.734 | 6.090 | 7.204 | 6.781 | 8.590 | 10.785 |
| Dissolved Metals | Manganese, Filtered | ug/L | all sites | 0.552 | 1.725 | 6.015 | 0.314 | 1.400 | 8.228 | 4.676 | 18.800 | 35.095 |
| Dissolved Metals | Mercury, Filtered | ng/L | all sites | - | - | - | - | - | - | 0.334 | 0.500 | 1.292 |
| Dissolved Metals | Methylmercury(1+), Filtered | ng/L | all sites | 0.018 | 0.060 | 0.111 | 0.018 | 0.038 | 0.119 | 0.020 | 0.028 | 0.056 |
| Dissolved Metals | Molybdenum, Filtered | ug/L | all sites | 0.153 | 0.494 | 0.700 | 0.376 | 0.629 | 0.984 | 0.519 | 0.638 | 0.752 |
| Dissolved Metals | Nickel, Filtered | ug/L | all sites | 0.359 | 1.425 | 3.475 | 0.294 | 0.749 | 1.334 | 0.066 | 0.764 | 1.473 |
| Dissolved Metals | Selenium, Filtered | ug/L | all sites | 0.048 | 0.114 | 0.259 | 0.181 | 0.239 | 0.300 | 0.142 | 0.247 | 0.454 |
| Dissolved Metals | Silver, Filtered | ug/L | all sites | 0.000 | 0.001 | 0.011 | 0.000 | 0.001 | 0.012 | 0.000 | 0.001 | 0.006 |
| Dissolved Metals | Strontium, Filtered | ug/L | all sites | 99.125 | 162.500 | 213.000 | 128.200 | 206.000 | 253.000 | 195.800 | 266.000 | 339.400 |
| Dissolved Metals | Thallium, Filtered | ug/L | all sites | 0.004 | 0.006 | 0.008 | 0.002 | 0.005 | 0.014 | 0.003 | 0.005 | 0.019 |
| Dissolved Metals | Thorium, Filtered | ug/L | all sites | 0.005 | 0.026 | 0.131 | 0.003 | 0.014 | 0.058 | 0.002 | 0.007 | 0.050 |
| Dissolved Metals | Tin, Filtered | ug/L | all sites | < | < | < | < | < | < | < | < | < |
| Dissolved Metals | Titanium, Filtered | ug/L | all sites | 0.644 | 1.905 | 9.209 | 0.440 | 1.030 | 4.722 | 0.813 | 1.175 | 2.328 |
| Dissolved Metals | Uranium, Filtered | ug/L | all sites | 0.249 | 0.344 | 0.385 | 0.263 | 0.353 | 0.434 | + | + | + |
| Dissolved Metals | Uranium, Filtered | ug/L | AB07DD0010 | + | + | + | + | + | + | 0.269 | 0.422 | 0.492 |
| Dissolved Metals | Uranium, Filtered | ug/L | AB07DD0105 | + | + | + | + | + | + | 0.306 | 0.390 | 0.480 |
| Dissolved Metals | Vanadium, Filtered | ug/L | all sites | 0.256 | 0.435 | 0.673 | 0.187 | 0.306 | 0.649 | 0.074 | 0.171 | 0.329 |
| Dissolved Metals | Zinc, Filtered | ug/L | all sites | 0.232 | 0.615 | 1.730 | 0.223 | 0.531 | 1.109 | + | + | + |
| Dissolved Metals | Zinc, Filtered | ug/L | AB07DD0010 | + | + | + | + | + | + | 0.748 | 1.025 | 3.513 |
| Dissolved Metals | Zinc, Filtered | ug/L | AB07DD0105 | + | + | + | + | + | + | 0.587 | 1.580 | 7.752 |
| Extractable Metals | Aluminum, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Antimony, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Arsenic, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Barium, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Beryllium, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Bismuth, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Boron, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Cadmium, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Calcium, Unfiltered | mg/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Chromium, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Cobalt, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Copper, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Iron, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Lead, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Lithium, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Manganese, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Molybdenum, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Nickel, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Selenium, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Silver, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Strontium, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Thallium, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Thorium, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Tin, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Titanium, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Uranium, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Vanadium, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Extractable Metals | Zinc, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Field | Colour (visual) | 1 | all sites | 0.200 | 1.000 | 2.000 | 0.200 | 1.000 | 1.800 | 0.000 | 1.000 | 1.000 |
| Field | Depth, snow cover | m | all sites | - | - | - | - | - | - | 0.028 | 0.160 | 0.448 |
| Field | Dissolved oxygen (DO) | mg/L | all sites | 7.644 | 9.055 | 11.282 | 7.878 | 10.400 | 13.160 | + | + | + |
| Field | Dissolved oxygen (DO) | mg/L | AB07DD0010 | + | + | + | + | + | + | 9.870 | 11.325 | 13.466 |
| Field | Dissolved oxygen (DO) | mg/L | AB07DD0105 | + | + | + | + | + | + | 8.791 | 10.780 | 12.929 |
| Field | Floating solids or foam | 1 | all sites | 0.000 | 1.000 | 3.000 | 0.000 | 1.000 | 2.000 | 0.000 | 0.000 | 0.000 |
| Field | Ice cover | % | all sites | - | - | - | - | - | - | 88.250 | 100.000 | 100.000 |
| Field | Ice thickness | m | AB07DD0010 | + | + | + | + | + | + | 0.103 | 0.500 | 0.785 |
| Field | Ice thickness | m | AB07DD0105 | + | + | + | + | + | + | 0.255 | 0.700 | 1.355 |
| Field | Odor | 1 | all sites | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Field | Snow cover | % | all sites | - | - | - | - | - | - | 80.000 | 100.000 | 100.000 |
| Field | Specific conductivity | uS/cm | all sites | 150.065 | 228.600 | 287.385 | 217.250 | 286.200 | 362.000 | + | + | + |
| Field | Specific conductivity | uS/cm | AB07DD0010 | + | + | + | + | + | + | 137.180 | 425.400 | 510.445 |
| Field | Specific conductivity | uS/cm | AB07DD0105 | + | + | + | + | + | + | 271.090 | 401.200 | 486.530 |
| Field | Temperature, water | degC | all sites | 7.396 | 17.270 | 21.824 | 1.585 | 10.950 | 21.905 | -0.211 | 0.010 | 0.191 |
| Field | Turbidity, visual | 1 | all sites | 1.000 | 2.000 | 3.000 | 0.000 | 1.000 | 2.000 | 0.000 | 1.000 | 1.150 |
| Field | pH | pH units | all sites | 7.506 | 7.885 | 8.195 | 7.473 | 8.000 | 9.053 | + | + | + |
| Field | pH | pH units | AB07DD0010 | + | + | + | + | + | + | 6.973 | 7.435 | 8.229 |
| Field | pH | pH units | AB07DD0105 | + | + | + | + | + | + | 6.333 | 7.255 | 7.644 |
| General Organics | 12-Chlorodehydroabietic acid | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | 14-Chlorodehydroabietic acid | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | 2,4-Dinitrotoluene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | 2,6-Dinitrotoluene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | 2-Chloroethyl vinyl ether | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | 3,4,5-Trichlorocatechol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | 3,4,5-Trichloroguaiacol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | 3,4,6-Trichlorocatechol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | 3,4,6-Trichloroguaiacol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | 3,4-Dichlorocatechol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | 3,4-Dichloroguaiacol | mg/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | 3,5-Dichlorocatechol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | 3,6-Dichlorocatechol | mg/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | 4,5,6-Trichloroguaiacol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | 4,5,6-Trichlorosyringol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | 4,5-Dichlorocatechol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | 4,5-Dichloroguaiacol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | 4,5-Dichloroveratrole | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | 4,6-Dichloroguaiacol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | 4-Chlorocatechol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | 4-Chloroguaiacol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Abietic acid | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Arachidic acid | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | BTEX, Total | mg/L | all sites | - | - | - | - | - | - | < | < | < |
| General Organics | Benzene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Benzidine | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | C10-C16 Hydrocarbons | ug/L | all sites | - | - | - | - | - | - | < | < | < |
| General Organics | C16-C34 Hydrocarbons | ug/L | all sites | < | < | < | < | < | < | < | < | < |
| General Organics | C34-C50 Hydrocarbons | ug/L | all sites | - | - | - | - | - | - | < | < | < |
| General Organics | C6-C10 Hydrocarbons | ug/L | all sites | - | - | - | - | - | - | < | < | < |
| General Organics | Cumene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Cyanide, Unknown | mg/L | all sites | < | < | < | - | - | - | - | - | - |
| General Organics | Dehydroabietic acid | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Ethylbenzene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Isophorone | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Isopimaric acid | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Levopimaric acid | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Linoleic acid | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Methyl tert-butyl ether | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Myristic acid | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | N-Nitrosodi-n-propylamine | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | N-Nitrosodiphenylamine | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Naphthenic acids | mg/L | all sites | 0.072 | 0.230 | 0.410 | 0.073 | 0.135 | 0.269 | 0.049 | 0.190 | 0.516 |
| General Organics | Neoabietic acid | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Nitrobenzene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Oilsands extractable organics | mg/L | all sites | 0.280 | 0.660 | 6.950 | 0.150 | 0.400 | 2.930 | 0.138 | 0.500 | 1.660 |
| General Organics | Oleic acid | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Palmitic acid | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Palustric acid | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Pimaric acid | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | S-Ethyl dipropylthiocarbamate | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Sandaracopimaric acid | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Stearic acid | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Styrene | ug/L | all sites | - | - | - | - | - | - | < | < | < |
| General Organics | Tetrachlorocatechol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Tetrachloroguaiacol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Tetrachloroveratrole | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Toluene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Vinyl chloride | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | Xylene | ug/L | all sites | - | - | - | - | - | - | < | < | < |
| General Organics | m,p-Xylene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | n-Butylbenzene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | n-Propylbenzene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | o-Xylene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | p-Cymene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | sec-Butylbenzene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| General Organics | tert-Butylbenzene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Major Ions | Calcium, Filtered | mg/L | all sites | 20.400 | 27.000 | 33.800 | 26.000 | 33.000 | 37.800 | 32.000 | 42.000 | 49.200 |
| Major Ions | Chlorate, Unfiltered | mg/L | all sites | - | - | - | - | - | - | - | - | - |
| Major Ions | Chloride, Unfiltered | mg/L | all sites | 3.700 | 6.000 | 12.400 | 6.040 | 12.000 | 21.400 | 13.900 | 25.000 | 40.000 |
| Major Ions | Fluoride, Unfiltered | mg/L | all sites | 0.076 | 0.097 | 0.120 | 0.092 | 0.100 | 0.130 | 0.101 | 0.120 | 0.140 |
| Major Ions | Magnesium, Filtered | mg/L | all sites | 4.840 | 7.900 | 9.740 | 8.320 | 9.400 | 11.800 | + | + | + |
| Major Ions | Magnesium, Filtered | mg/L | AB07DD0010 | + | + | + | + | + | + | 9.420 | 13.000 | 15.000 |
| Major Ions | Magnesium, Filtered | mg/L | AB07DD0105 | + | + | + | + | + | + | 9.650 | 12.000 | 14.000 |
| Major Ions | Potassium, Filtered | mg/L | all sites | 0.742 | 1.300 | 2.600 | 0.960 | 1.200 | 1.480 | 1.290 | 1.800 | 2.310 |
| Major Ions | Sodium, Filtered | mg/L | all sites | 8.200 | 9.400 | 15.800 | 10.200 | 16.000 | 20.000 | 20.700 | 29.000 | 40.200 |
| Major Ions | Sulfate, Unfiltered as SO4 | mg/L | all sites | 14.000 | 23.000 | 28.800 | 19.400 | 28.000 | 39.000 | 27.800 | 36.000 | 47.100 |
| Major Ions | Sulfide, Unfiltered | mg/L | all sites | - | - | - | - | - | - | - | - | - |
| Nutrients and BOD | Ammonia and ammonium, Unfiltered as N | mg/L | all sites | < | < | < | 0.007 | 0.022 | 0.080 | 0.023 | 0.052 | 0.096 |
| Nutrients and BOD | Biochemical oxygen demand, standard conditions, Filtered | mg/L | all sites | - | - | - | - | - | - | - | - | - |
| Nutrients and BOD | Carbonaceous biochemical oxygen demand, non-standard conditions | mg/L | all sites | - | - | - | - | - | - | - | - | - |
| Nutrients and BOD | Chlorophyll a | ug/L | all sites | 1.318 | 6.210 | 11.220 | 4.022 | 6.400 | 13.020 | 0.260 | 0.400 | 4.220 |
| Nutrients and BOD | Inorganic nitrogen (nitrate and nitrite), Unfiltered as N | mg/L | all sites | 0.017 | 0.046 | 0.113 | - | - | - | 0.030 | 0.170 | 0.270 |
| Nutrients and BOD | Kjeldahl nitrogen, Unfiltered as N | mg/L | all sites | 0.332 | 0.700 | 1.700 | 0.184 | 0.450 | 0.864 | 0.258 | 0.410 | 0.666 |
| Nutrients and BOD | Nitrate, Unfiltered as N | mg/L | all sites | 0.017 | 0.046 | 0.110 | - | - | - | 0.030 | 0.170 | 0.270 |
| Nutrients and BOD | Nitrite, Unfiltered as N | mg/L | all sites | - | - | - | - | - | - | < | < | < |
| Nutrients and BOD | Orthophosphate, Filtered as P | mg/L | all sites | 0.001 | 0.003 | 0.007 | < | < | < | 0.002 | 0.003 | 0.005 |
| Nutrients and BOD | Silica, reactive, Unknown | mg/L | all sites | 3.200 | 5.800 | 6.400 | - | - | - | - | - | - |
| Nutrients and BOD | Total Phosphorus, mixed forms, Filtered as P | mg/L | all sites | 0.007 | 0.014 | 0.027 | 0.006 | 0.008 | 0.018 | 0.008 | 0.013 | 0.019 |
| Nutrients and BOD | Total Phosphorus, mixed forms, Unfiltered as P | mg/L | all sites | 0.045 | 0.110 | 0.228 | 0.010 | 0.041 | 0.192 | 0.019 | 0.024 | 0.046 |
| Organohalides | 1,1,1,2-Tetrachloroethane | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 1,1,1-Trichloroethane | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 1,1,2,2-Tetrachloroethane | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 1,1,2-Trichloroethane | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 1,1-Dichloroethane | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 1,1-Dichloroethylene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 1,2,3-Trichlorobenzene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 1,2,3-Trichloropropane | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 1,2,4-Trichlorobenzene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 1,2,4-Trimethylbenzene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 1,2-Dibromo-3-chloropropane | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 1,2-Dichloroethane | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 1,2-Dichloropropane | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 1,2-Diphenylhydrazine | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 1,3,5-Trimethylbenzene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 1,3-DICHLOROPROPANE | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 1,3-Dichlorobenzene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 1-Propene, 1,1-dichloro- | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 12,14-Dichlorodehydroabietic acid | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 2,2-Dichloropropane | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 2,4,6-Trichloroanisole | mg/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 2,6-Dichlorosyringaldehyde | mg/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 2-Chloronaphthalene | ng/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 2-Chlorosyringaldehyde | mg/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 4-Bromophenyl phenyl ether | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 5,6-Dichlorovanillin | mg/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 5-Chlorovanillin | mg/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 6-Chlorovanillin | mg/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | 9,10-Dichlorostearic Acid | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | Adsorbable Organic Halide | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | Bis(2-chloroethoxy)methane | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | Bis(2-chloroethyl) ether | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | Bis(2-chloroisopropyl) ether | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | Bromobenzene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | CFC-11 | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | Carbon tetrachloride | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | Chlorobenzene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | Chlorodibromomethane | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | Chloroethane | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | Chloroform | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | Chloromethane | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | Dibromomethane | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | Dichlorobromomethane | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | Ethylene dibromide | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | Hexachlorobenzene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | Hexachlorobutadiene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | Hexachlorocyclopentadiene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | Hexachloroethane | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | Methyl bromide | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | Methylene chloride | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | Tetrachloroethylene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | Tribromomethane | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | Trichloroethylene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | cis-1,2-Dichloroethylene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | cis-1,3-Dichloropropene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | o-Chlorotoluene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | o-Dichlorobenzene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | p-Chlorophenyl phenyl ether | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | p-Chlorotoluene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | p-Dichlorobenzene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | trans-1,2-Dichloroethene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Organohalides | trans-1,3-Dichloropropene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| PAHs | 1-Methylnaphthalene | ng/L | all sites | - | - | - | - | - | - | < | < | < |
| PAHs | 2-Methylnaphthalene | ng/L | all sites | - | - | - | - | - | - | < | < | < |
| PAHs | 3-Methylcholanthrene | ng/L | all sites | - | - | - | - | - | - | - | - | - |
| PAHs | 7,12-Dimethylbenz[a]anthracene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| PAHs | Acenaphthene | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | Acenaphthylene | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | Anthracene | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | Benz[a]anthracene | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | Benzo(b)fluoranthene | ng/L | all sites | - | - | - | - | - | - | - | - | - |
| PAHs | Benzo[a]pyrene | ng/L | all sites | - | - | - | - | - | - | - | - | - |
| PAHs | Benzo[b,j,k]fluoranthene | ug/L | all sites | - | - | - | - | - | - | < | < | < |
| PAHs | Benzo[c]phenanthrene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| PAHs | Benzo[e]pyrene | ng/L | all sites | - | - | - | - | - | - | < | < | < |
| PAHs | Benzo[ghi]perylene | ng/L | all sites | - | - | - | - | - | - | - | - | - |
| PAHs | Benzo[k]fluoranthene | ng/L | all sites | - | - | - | - | - | - | - | - | - |
| PAHs | C1-Dibenzothiophenes | ng/L | all sites | < | < | < | - | - | - | < | < | < |
| PAHs | C1-Fluoranthenes/pyrenes | ng/L | all sites | < | < | < | - | - | - | < | < | < |
| PAHs | C2-Chrysenes | ng/L | all sites | < | < | < | - | - | - | < | < | < |
| PAHs | C2-Dibenzothiophenes | ng/L | all sites | < | < | < | - | - | - | < | < | < |
| PAHs | C2-Fluoranthenes/pyrenes | ng/L | all sites | < | < | < | - | - | - | < | < | < |
| PAHs | C2-Fluorenes | ng/L | all sites | < | < | < | - | - | - | < | < | < |
| PAHs | C2-Naphthalenes | ng/L | all sites | < | < | < | - | - | - | < | < | < |
| PAHs | C2-Phenanthrenes/anthracenes | ug/L | all sites | < | < | < | - | - | - | < | < | < |
| PAHs | C3-Chrysenes | ng/L | all sites | < | < | < | - | - | - | < | < | < |
| PAHs | C3-Dibenzothiophenes | ng/L | all sites | < | < | < | - | - | - | < | < | < |
| PAHs | C3-Fluoranthenes/pyrenes | ng/L | all sites | < | < | < | - | - | - | < | < | < |
| PAHs | C3-Fluorenes | ng/L | all sites | < | < | < | - | - | - | < | < | < |
| PAHs | C3-Naphthalenes | ng/L | all sites | < | < | < | - | - | - | < | < | < |
| PAHs | C3-Phenanthrenes/anthracenes | ug/L | all sites | < | < | < | - | - | - | < | < | < |
| PAHs | C4-Chrysenes | ng/L | all sites | < | < | < | - | - | - | < | < | < |
| PAHs | C4-Dibenzothiophenes | ng/L | all sites | < | < | < | - | - | - | < | < | < |
| PAHs | C4-Fluoranthenes/pyrenes | ng/L | all sites | < | < | < | - | - | - | < | < | < |
| PAHs | C4-Fluorenes | ng/L | all sites | < | < | < | - | - | - | < | < | < |
| PAHs | C4-Naphthalenes | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | C4-Phenanthrenes/anthracenes | ug/L | all sites | < | < | < | - | - | - | < | < | < |
| PAHs | Chrysene | ng/L | all sites | - | - | - | - | - | - | - | - | - |
| PAHs | Dibenz[a,h]anthracene | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | Dibenzo[a,h]pyrene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| PAHs | Dibenzo[a,i]pyrene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| PAHs | Dibenzo[a,l]pyrene | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| PAHs | Fluoranthene | ng/L | all sites | - | - | - | - | - | - | - | - | - |
| PAHs | Fluorene | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | Indeno[1,2,3-cd]pyrene | ng/L | all sites | < | < | < | < | < | < | < | < | < |
| PAHs | Methylchrysene | ng/L | all sites | < | < | < | - | - | - | < | < | < |
| PAHs | Methylfluorene | ng/L | all sites | < | < | < | - | - | - | < | < | < |
| PAHs | Methylphenanthrene | ng/L | all sites | < | < | < | - | - | - | < | < | < |
| PAHs | Naphthalene | ng/L | all sites | - | - | - | - | - | - | - | - | - |
| PAHs | Perylene | ng/L | all sites | - | - | - | - | - | - | < | < | < |
| PAHs | Phenanthrene | ng/L | all sites | - | - | - | - | - | - | - | - | - |
| PAHs | Pyrene | ng/L | all sites | - | - | - | - | - | - | - | - | - |
| PAHs | Retene | ng/L | all sites | - | - | - | - | - | - | < | < | < |
| Pesticide | .alpha.-Endosulfan | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | .lambda.-Cyhalothrin | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | 2,4-D | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | 2,4-DB | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | 2-Chloro-4-isopropylamino-6-amino-s-triazine | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | 2-Choro-6-ethylamino-4-amino-s-triazine | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Aldicarb | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Aldicarb sulfone | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Aldicarb sulfoxide | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Aldrin | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Aminocarb | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Aminopyralid | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Atrazine | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Atrazine de-ethylated | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Azinphos-methyl | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Azoxystrobin | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Benomyl | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Bentazon | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Benzene Hexachloride, Alpha (BHC) | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Bromacil | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Bromoxynil | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Carbaryl | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Carbofuran | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Carboxin | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Chlorothalonil | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Chlorpyrifos | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Clodinafop acid metabolite | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Clodinafop-propargyl | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Clopyralid | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Clothianidin | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Cyanazine | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Deltamethrin | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Diazinon | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Dicamba | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Dichlorprop | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Diclofop methyl | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Dieldrin | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Difenoconazole | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Dimethoate | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Disulfoton | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Diuron | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Ethalfluralin | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Ethion | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Ethofumesate | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Fenoxaprop-p-ethyl | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Fenoxaprop-p-methyl | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Fluazifop-P-butyl | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Fluroxypyr | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Hexaconazole | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Imazamethabenz-methyl | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Imazamox | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Imazethapyr | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Imidacloprid | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Iprodione | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Lindane | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Linuron | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | MCPA | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | MCPB | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Malathion | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Mecoprop | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Metalaxyl-M | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Metconazole | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Methomyl | ug/L | all sites | < | < | < | - | - | - | - | - | - |
| Pesticide | Methoxychlor | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Metolachlor | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Metribuzin | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Monuron | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Napropamide | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | OH-Carbofuran | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Oxycarboxin | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Parathion | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Permethrin | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Phorate | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Picloram | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Picoxystrobin | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Propiconazole | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Prothioconazole | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Pyraclostrobin | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Pyridaben | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Quinclorac | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Quizalofop | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Simazine | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Tebuconazole | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Terbufos | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Thiamethoxam | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Triallate | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Triclopyr | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Trifloxystrobin | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Trifluralin | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Pesticide | Triticonazole | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Pesticide | Vinclozolin | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Phenolics | 2,3,4,6-Tetrachlorophenol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Phenolics | 2,4,5-Trichlorophenol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Phenolics | 2,4,6-Trichlorophenol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Phenolics | 2,4-Dichlorophenol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Phenolics | 2,4-Dichlorophenol/2,5-Dichlorophenol | mg/L | all sites | - | - | - | - | - | - | - | - | - |
| Phenolics | 2,4-Dimethylphenol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Phenolics | 2,4-Dinitrophenol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Phenolics | 2,6-Dichlorophenol | mg/L | all sites | - | - | - | - | - | - | - | - | - |
| Phenolics | 4,6-Dinitro-o-cresol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Phenolics | 4-Chloro-2-methylphenol | ug/L | all sites | < | < | < | < | < | < | - | - | - |
| Phenolics | 4-Chlorophenol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Phenolics | Pentachlorophenol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Phenolics | Phenol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Phenolics | Phenolics | mg/L | all sites | 0.002 | 0.004 | 0.006 | 0.002 | 0.005 | 0.009 | 0.002 | 0.003 | 0.007 |
| Phenolics | o-Chlorophenol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Phenolics | o-Nitrophenol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Phenolics | p-Chloro-m-cresol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Phenolics | p-Nitrophenol | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Phthalates | Butyl benzyl phthalate | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Phthalates | Di(2-ethoxylhexyl) phthalate | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Phthalates | Di-n-octyl phthalate | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Phthalates | Dibutyl phthalate | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Phthalates | Diethyl phthalate | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Phthalates | Dimethyl phthalate | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Target PANHs | Acridine | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Total Metals | Chromium(VI), Unknown | mg/L | all sites | < | < | < | - | - | - | - | - | - |
| Total Metals | Mercury, Unfiltered | ng/L | all sites | 3.420 | 8.900 | 23.800 | 0.800 | 2.990 | 13.700 | 0.462 | 0.820 | 4.252 |
| Total Metals | Methylmercury(1+), Unfiltered | ng/L | all sites | 0.028 | 0.159 | 0.248 | 0.037 | 0.072 | 0.187 | 0.025 | 0.039 | 0.097 |
| Total Recoverable Metals | Aluminum, Unfiltered | ug/L | all sites | 396.750 | 2770.000 | 13475.000 | 142.400 | 792.000 | 5480.000 | 26.600 | 97.500 | 1202.250 |
| Total Recoverable Metals | Antimony, Unfiltered | ug/L | all sites | 0.067 | 0.100 | 0.152 | 0.027 | 0.065 | 0.285 | 0.036 | 0.051 | 0.125 |
| Total Recoverable Metals | Arsenic, Unfiltered | ug/L | all sites | 0.718 | 1.750 | 2.908 | 0.496 | 0.862 | 1.954 | 0.419 | 0.574 | 0.825 |
| Total Recoverable Metals | Barium, Unfiltered | ug/L | all sites | 55.850 | 86.150 | 239.250 | 46.060 | 56.900 | 141.060 | 49.845 | 64.050 | 77.965 |
| Total Recoverable Metals | Beryllium, Unfiltered | ug/L | all sites | 0.032 | 0.135 | 0.473 | 0.010 | 0.043 | 0.233 | 0.001 | 0.008 | 0.113 |
| Total Recoverable Metals | Bismuth, Unfiltered | ug/L | all sites | 0.005 | 0.017 | 0.060 | 0.003 | 0.009 | 0.023 | 0.000 | 0.002 | 0.021 |
| Total Recoverable Metals | Boron, Unfiltered | ug/L | all sites | 17.000 | 24.800 | 41.775 | 20.700 | 24.700 | 40.540 | 24.295 | 32.850 | 39.780 |
| Total Recoverable Metals | Cadmium, Unfiltered | ug/L | all sites | 0.022 | 0.058 | 0.274 | 0.009 | 0.020 | 0.126 | 0.010 | 0.020 | 0.093 |
| Total Recoverable Metals | Calcium, Unfiltered | mg/L | all sites | 19.575 | 27.850 | 35.475 | 25.820 | 32.400 | 38.180 | 29.820 | 40.500 | 50.230 |
| Total Recoverable Metals | Chlorine, Unfiltered | mg/L | all sites | 1.580 | 4.125 | 7.875 | 4.060 | 8.400 | 16.740 | 10.895 | 20.800 | 38.170 |
| Total Recoverable Metals | Chromium, Unfiltered | ug/L | all sites | 0.695 | 3.215 | 11.710 | 0.148 | 0.919 | 6.314 | 0.051 | 0.216 | 0.685 |
| Total Recoverable Metals | Cobalt, Unfiltered | ug/L | all sites | 0.389 | 1.355 | 4.942 | 0.174 | 0.414 | 1.874 | 0.061 | 0.124 | 0.426 |
| Total Recoverable Metals | Copper, Unfiltered | ug/L | all sites | 1.627 | 3.645 | 10.127 | 0.942 | 1.420 | 4.812 | 0.543 | 0.905 | 1.897 |
| Total Recoverable Metals | Iron, Unfiltered | ug/L | all sites | 1292.500 | 4240.000 | 13625.000 | 454.200 | 1050.000 | 4414.000 | 412.750 | 565.500 | 1294.500 |
| Total Recoverable Metals | Lead, Unfiltered | ug/L | all sites | 0.544 | 2.125 | 10.550 | 0.169 | 0.466 | 2.806 | 0.066 | 0.160 | 2.564 |
| Total Recoverable Metals | Lithium, Unfiltered | ug/L | all sites | 5.162 | 7.455 | 16.950 | 5.834 | 6.830 | 8.132 | 7.037 | 8.920 | 11.085 |
| Total Recoverable Metals | Manganese, Unfiltered | ug/L | all sites | 44.250 | 104.400 | 320.500 | 19.800 | 54.700 | 113.800 | 16.815 | 30.750 | 51.665 |
| Total Recoverable Metals | Molybdenum, Unfiltered | ug/L | all sites | 0.154 | 0.516 | 0.730 | 0.380 | 0.602 | 0.985 | 0.535 | 0.649 | 0.769 |
| Total Recoverable Metals | Nickel, Unfiltered | ug/L | all sites | 1.505 | 4.325 | 13.172 | 0.601 | 1.550 | 4.968 | 0.105 | 1.015 | 2.245 |
| Total Recoverable Metals | Selenium, Unfiltered | ug/L | all sites | 0.147 | 0.260 | 0.467 | 0.150 | 0.222 | 0.300 | 0.192 | 0.300 | 0.500 |
| Total Recoverable Metals | Silver, Unfiltered | ug/L | all sites | 0.006 | 0.022 | 0.329 | 0.001 | 0.006 | 0.027 | + | + | + |
| Total Recoverable Metals | Silver, Unfiltered | ug/L | AB07DD0010 | + | + | + | + | + | + | 0.001 | 0.002 | 0.011 |
| Total Recoverable Metals | Silver, Unfiltered | ug/L | AB07DD0105 | + | + | + | + | + | + | 0.001 | 0.003 | 0.017 |
| Total Recoverable Metals | Strontium, Unfiltered | ug/L | all sites | 111.000 | 174.500 | 227.500 | 129.400 | 206.000 | 256.600 | 197.100 | 275.000 | 343.400 |
| Total Recoverable Metals | Thallium, Unfiltered | ug/L | all sites | 0.017 | 0.048 | 0.211 | 0.006 | 0.016 | 0.107 | 0.004 | 0.006 | 0.045 |
| Total Recoverable Metals | Thorium, Unfiltered | ug/L | all sites | 0.091 | 0.415 | 2.510 | 0.035 | 0.135 | 0.882 | 0.011 | 0.024 | 0.204 |
| Total Recoverable Metals | Tin, Unfiltered | ug/L | all sites | 0.020 | 0.050 | 0.112 | < | < | < | 0.009 | 0.037 | 0.102 |
| Total Recoverable Metals | Titanium, Unfiltered | ug/L | all sites | 6.742 | 33.900 | 127.000 | 2.780 | 11.600 | 69.980 | 1.726 | 2.530 | 22.630 |
| Total Recoverable Metals | Uranium, Unfiltered | ug/L | all sites | 0.356 | 0.487 | 1.274 | 0.318 | 0.414 | 0.646 | + | + | + |
| Total Recoverable Metals | Uranium, Unfiltered | ug/L | AB07DD0010 | + | + | + | + | + | + | 0.280 | 0.439 | 0.520 |
| Total Recoverable Metals | Uranium, Unfiltered | ug/L | AB07DD0105 | + | + | + | + | + | + | 0.315 | 0.400 | 0.525 |
| Total Recoverable Metals | Vanadium, Unfiltered | ug/L | all sites | 1.585 | 6.730 | 21.225 | 0.637 | 2.040 | 12.248 | 0.248 | 0.430 | 2.043 |
| Total Recoverable Metals | Zinc, Unfiltered | ug/L | all sites | 3.275 | 10.355 | 32.950 | 1.400 | 3.100 | 15.626 | + | + | + |
| Total Recoverable Metals | Zinc, Unfiltered | ug/L | AB07DD0010 | + | + | + | + | + | + | 1.025 | 1.650 | 6.978 |
| Total Recoverable Metals | Zinc, Unfiltered | ug/L | AB07DD0105 | + | + | + | + | + | + | 1.055 | 2.580 | 13.220 |

*Current Condition Targets Athabasca River Delta - Sediment*

| **Grouping** | **Parameter** | **Unit** | **Site** | **5th** | **50th** | **95th** |
| --- | --- | --- | --- | --- | --- | --- |
| Conventional Variables | Acid Neutralization Potential as %CaCO3 | % | all sites | 1.615 | 5.510 | 8.354 |
| Conventional Variables | Grain size, clay (<2 um) | % | all sites | 3.070 | 16.100 | 33.225 |
| Conventional Variables | Grain size, sand (>=63 um to 2000 um) | % | all sites | 3.390 | 34.500 | 92.025 |
| Conventional Variables | Grain size, silt (>=2 to 63 um) | % | all sites | 4.572 | 48.200 | 72.325 |
| Conventional Variables | Inorganic carbon | % | all sites | 0.245 | 0.745 | 1.022 |
| Conventional Variables | Moisture content | % | all sites | 22.250 | 34.200 | 56.300 |
| Conventional Variables | Organic carbon | % | all sites | 0.534 | 1.440 | 2.502 |
| Conventional Variables | Total carbon | % | all sites | 0.765 | 2.100 | 3.335 |
| General Organics | AEP Total recoverable hydrocarbons | ug/g | all sites | 600.000 | 700.000 | 1400.000 |
| General Organics | BTEX, Total | ug/g | all sites | - | - | - |
| General Organics | Benzene | ug/g | all sites | < | < | < |
| General Organics | C10-C16 Hydrocarbons | ug/g | all sites | 15.478 | 26.651 | 48.600 |
| General Organics | C11-C30 AEP Total extractable hydrocarbons | ug/g | all sites | 54.000 | 200.000 | 500.000 |
| General Organics | C16-C34 Hydrocarbons | ug/g | all sites | 33.423 | 216.000 | 394.500 |
| General Organics | C34-C50 Hydrocarbons | ug/g | all sites | 33.450 | 172.000 | 424.500 |
| General Organics | C5-C10 AEP Total volatile hydrocarbons | ug/g | all sites | 0.795 | 2.345 | 8.500 |
| General Organics | Ethylbenzene | ug/g | all sites | < | < | < |
| General Organics | Hydrocarbons | ug/g | all sites | 85.250 | 405.500 | 715.150 |
| General Organics | Styrene | ug/g | all sites | - | - | - |
| General Organics | Toluene | ug/g | all sites | < | < | < |
| General Organics | Total xylenes | ug/g | all sites | - | - | - |
| General Organics | m,p-Xylene | ug/g | all sites | < | < | < |
| General Organics | o-Xylene | ug/g | all sites | < | < | < |
| PAHs | 1,2,6-Trimethylphenanthrene | ng/g | all sites | - | - | - |
| PAHs | 1,2-Dimethylnaphthalene | ng/g | all sites | - | - | - |
| PAHs | 1,4,6,7-Tetramethylnaphthalene | ng/g | all sites | - | - | - |
| PAHs | 1,6,7-Trimethylnaphthalene | ng/g | all sites | - | - | - |
| PAHs | 1,7-Dimethylfluorene | ng/g | all sites | - | - | - |
| PAHs | 1,7-Dimethylphenanthrene | ng/g | all sites | - | - | - |
| PAHs | 1,8-Dimethylphenanthrene | ng/g | all sites | - | - | - |
| PAHs | 1-Methylchrysene | ng/g | all sites | - | - | - |
| PAHs | 1-Methylnaphthalene | ng/g | all sites | - | - | - |
| PAHs | 1-Methylphenanthrene | ng/g | all sites | - | - | - |
| PAHs | 2,3,6-Trimethylnaphthalene | ng/g | all sites | - | - | - |
| PAHs | 2,4-Dimethyldibenzothiophene | ng/g | all sites | - | - | - |
| PAHs | 2,6-Dimethylnaphthalene | ng/g | all sites | - | - | - |
| PAHs | 2,6-Dimethylphenanthrene | ng/g | all sites | - | - | - |
| PAHs | 2-Methylanthracene | ng/g | all sites | - | - | - |
| PAHs | 2-Methyldibenzothiophenes/3-Methyldibenzothiophenes | ng/g | all sites | - | - | - |
| PAHs | 2-Methylfluorene | ng/g | all sites | - | - | - |
| PAHs | 2-Methylnaphthalene | ng/g | all sites | - | - | - |
| PAHs | 2-Methylphenanthrene | ng/g | all sites | - | - | - |
| PAHs | 3,6-Dimethylphenanthrene | ng/g | all sites | - | - | - |
| PAHs | 3-Methylfluoranthene/Benzo[a]fluorene | ng/g | all sites | - | - | - |
| PAHs | 3-Methylphenanthrene | ng/g | all sites | - | - | - |
| PAHs | 5,9-Dimethylchrysene | ng/g | all sites | - | - | - |
| PAHs | 5-Methylchrysene/6-Methylchrysene | ng/g | all sites | - | - | - |
| PAHs | 7-Methylbenzo[a]pyrene | ng/g | all sites | - | - | - |
| PAHs | 9-Methylphenanthrene/4-Methylphenanthrene | ng/g | all sites | - | - | - |
| PAHs | Acenaphthene | ng/g | all sites | < | < | < |
| PAHs | Acenaphthylene | ng/g | all sites | < | < | < |
| PAHs | Anthracene | ng/g | all sites | < | < | < |
| PAHs | Benz[a]anthracene | ng/g | all sites | < | < | < |
| PAHs | Benzo(b)fluoranthene | ng/g | all sites | - | - | - |
| PAHs | Benzo(j+k)fluoranthene | ng/g | all sites | - | - | - |
| PAHs | Benzo[a]pyrene | ng/g | all sites | 3.394 | 5.883 | 10.197 |
| PAHs | Benzo[b,j,k]fluoranthene | ng/g | all sites | 3.297 | 15.650 | 27.770 |
| PAHs | Benzo[e]pyrene | ng/g | all sites | - | - | - |
| PAHs | Benzo[ghi]perylene | ng/g | all sites | 3.445 | 10.450 | 18.425 |
| PAHs | Biphenyl | ng/g | all sites | 1.688 | 5.865 | 10.675 |
| PAHs | C1-Acenaphthenes | ng/g | all sites | < | < | < |
| PAHs | C1-Benzo[a]anthracenes/chrysenes | ng/g | all sites | 7.728 | 67.950 | 256.750 |
| PAHs | C1-Benzofluoranthenes/benzopyrenes | ng/g | all sites | 17.385 | 47.450 | 87.615 |
| PAHs | C1-Biphenyls | ng/g | all sites | 3.298 | 6.805 | 14.425 |
| PAHs | C1-Dibenzothiophenes | ng/g | all sites | 3.463 | 11.350 | 22.945 |
| PAHs | C1-Fluoranthenes/pyrenes | ng/g | all sites | 17.900 | 46.250 | 135.500 |
| PAHs | C1-Fluorenes | ng/g | all sites | 3.260 | 8.540 | 25.595 |
| PAHs | C1-Naphthalenes | ng/g | all sites | 5.867 | 26.250 | 48.425 |
| PAHs | C1-Phenanthrenes/anthracenes | ng/g | all sites | 7.010 | 37.800 | 77.250 |
| PAHs | C2-Benzo[a]anthracenes/chrysenes | ng/g | all sites | < | < | < |
| PAHs | C2-Benzofluoranthenes/benzopyrenes | ng/g | all sites | 9.496 | 21.150 | 39.200 |
| PAHs | C2-Biphenyls | ng/g | all sites | 2.972 | 8.620 | 25.800 |
| PAHs | C2-Dibenzothiophenes | ng/g | all sites | 15.800 | 49.450 | 108.800 |
| PAHs | C2-Fluoranthenes/pyrenes | ng/g | all sites | 31.490 | 80.800 | 243.700 |
| PAHs | C2-Fluorenes | ng/g | all sites | 8.810 | 26.500 | 55.420 |
| PAHs | C2-Naphthalenes | ng/g | all sites | 11.600 | 43.000 | 78.950 |
| PAHs | C2-Phenanthrenes/anthracenes | ng/g | all sites | 5.430 | 52.250 | 96.100 |
| PAHs | C3-Benzo[a]anthracenes/chrysenes | ng/g | all sites | - | - | - |
| PAHs | C3-Dibenzothiophenes | ng/g | all sites | 27.125 | 92.500 | 253.500 |
| PAHs | C3-Fluoranthenes/pyrenes | ng/g | all sites | 28.470 | 78.200 | 198.900 |
| PAHs | C3-Fluorenes | ng/g | all sites | 11.998 | 37.750 | 104.235 |
| PAHs | C3-Naphthalenes | ng/g | all sites | 10.540 | 37.350 | 61.750 |
| PAHs | C3-Phenanthrenes/anthracenes | ng/g | all sites | 19.913 | 59.000 | 144.750 |
| PAHs | C4-Benzo[a]anthracenes/chrysenes | ng/g | all sites | - | - | - |
| PAHs | C4-Dibenzothiophenes | ng/g | all sites | 33.260 | 113.500 | 267.350 |
| PAHs | C4-Fluoranthenes/pyrenes | ng/g | all sites | - | - | - |
| PAHs | C4-Naphthalenes | ng/g | all sites | 10.146 | 27.800 | 55.880 |
| PAHs | C4-Phenanthrenes/anthracenes | ng/g | all sites | 24.500 | 248.000 | 543.750 |
| PAHs | Chrysene | ng/g | all sites | 3.428 | 17.750 | 30.375 |
| PAHs | Dibenz[a,h]anthracene | ng/g | all sites | < | < | < |
| PAHs | Dibenzothiophene | ng/g | all sites | < | < | < |
| PAHs | Fluoranthene | ng/g | all sites | 1.142 | 3.865 | 7.115 |
| PAHs | Fluorene | ng/g | all sites | 0.382 | 2.300 | 4.525 |
| PAHs | Indeno[1,2,3-cd]pyrene | ng/g | all sites | 2.252 | 6.220 | 11.500 |
| PAHs | Naphthalene | ng/g | all sites | 2.170 | 7.750 | 20.200 |
| PAHs | Perylene | ng/g | all sites | - | - | - |
| PAHs | Phenanthrene | ng/g | all sites | 3.723 | 15.950 | 27.250 |
| PAHs | Pyrene | ng/g | all sites | 3.217 | 10.450 | 18.550 |
| PAHs | Retene | ng/g | all sites | 12.882 | 52.100 | 132.700 |
| Total Metals | Aluminum | ug/g | all sites | 3314.000 | 7800.000 | 14340.000 |
| Total Metals | Antimony | ug/g | all sites | 0.132 | 0.220 | 0.347 |
| Total Metals | Arsenic | ug/g | all sites | 2.967 | 4.950 | 8.185 |
| Total Metals | Barium | ug/g | all sites | 66.325 | 149.500 | 213.500 |
| Total Metals | Beryllium | ug/g | all sites | < | < | < |
| Total Metals | Bismuth | ug/g | all sites | < | < | < |
| Total Metals | Boron | ug/g | all sites | 4.000 | 10.000 | 23.400 |
| Total Metals | Cadmium | ug/g | all sites | < | < | < |
| Total Metals | Calcium | ug/g | all sites | 9030.000 | 21100.000 | 27880.000 |
| Total Metals | Chromium | ug/g | all sites | 7.647 | 14.950 | 32.875 |
| Total Metals | Cobalt | ug/g | all sites | 5.032 | 7.700 | 11.225 |
| Total Metals | Copper | ug/g | all sites | 4.535 | 13.100 | 22.225 |
| Total Metals | Iron | ug/g | all sites | 8956.000 | 17500.000 | 26380.000 |
| Total Metals | Lead | ug/g | all sites | 3.850 | 7.905 | 12.100 |
| Total Metals | Lithium | ug/g | all sites | 2.190 | 10.700 | 20.100 |
| Total Metals | Magnesium | ug/g | all sites | 3518.000 | 7340.000 | 9310.000 |
| Total Metals | Manganese | ug/g | all sites | 172.800 | 392.000 | 632.600 |
| Total Metals | Mercury | ug/g | all sites | 0.020 | 0.038 | 0.071 |
| Total Metals | Molybdenum | ug/g | all sites | < | < | < |
| Total Metals | Nickel | ug/g | all sites | 10.188 | 18.750 | 29.400 |
| Total Metals | Phosphorus | ug/g | all sites | 185.500 | 610.500 | 767.500 |
| Total Metals | Potassium | ug/g | all sites | 525.500 | 1200.000 | 2100.000 |
| Total Metals | Selenium | ug/g | all sites | 0.190 | 0.410 | 1.014 |
| Total Metals | Silver | ug/g | all sites | - | - | - |
| Total Metals | Sodium | ug/g | all sites | 72.888 | 140.000 | 277.500 |
| Total Metals | Strontium | ug/g | all sites | 26.700 | 60.500 | 80.500 |
| Total Metals | Thallium | ug/g | all sites | 0.089 | 0.160 | 0.254 |
| Total Metals | Tin | ug/g | all sites | < | < | < |
| Total Metals | Titanium | ug/g | all sites | 25.440 | 56.000 | 82.720 |
| Total Metals | Uranium | ug/g | all sites | < | < | < |
| Total Metals | Vanadium | ug/g | all sites | 12.825 | 21.700 | 36.100 |
| Total Metals | Zinc | ug/g | all sites | 29.825 | 59.350 | 83.525 |
| Total Metals | Zirconium | ug/g | all sites | - | - | - |

*Current Condition Targets, Lake Athabasca - Water*

|  | | | | High Flow | | | Open Water | | | Under Ice | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Grouping** | **Parameter** | **Unit** | **Site** | **5th** | **50th** | **95th** | **5th** | **50th** | **95th** | **5th** | **50th** | **95th** |
| Conventional Variables | Alkalinity, total | mg/L | all sites | - | - | - | 30.200 | 35.200 | 99.300 | - | - | - |
| Conventional Variables | Hardness as CaCO3 | mg/L | all sites | - | - | - | 31.200 | 38.543 | 104.000 | - | - | - |
| Conventional Variables | Organic carbon, Filtered | mg/L | all sites | - | - | - | 3.300 | 4.350 | 13.500 | - | - | - |
| Conventional Variables | Organic carbon, Unfiltered | mg/L | all sites | - | - | - | 3.500 | 4.150 | 13.100 | - | - | - |
| Conventional Variables | Specific conductivity | uS/cm | all sites | - | - | - | 79.700 | 92.350 | 234.000 | - | - | - |
| Conventional Variables | Total dissolved solids, Filtered | mg/L | all sites | - | - | - | 22.000 | 57.000 | 268.000 | - | - | - |
| Conventional Variables | Total suspended solids, Non-Filterable (Particle) | mg/L | all sites | - | - | - | 1.106 | 20.000 | 212.850 | - | - | - |
| Conventional Variables | Turbidity, Unfiltered | NTU | all sites | - | - | - | 6.080 | 25.950 | 158.000 | - | - | - |
| Conventional Variables | pH, lab | pH units | all sites | - | - | - | 7.580 | 7.725 | 8.110 | - | - | - |
| Field | Conductivity | uS/cm | all sites | 73.195 | 170.520 | 248.912 | 45.570 | 136.130 | 226.600 | - | - | - |
| Field | Depth, Secchi disk depth | cm | all sites | 1.500 | 10.125 | 55.500 | 10.032 | 21.585 | 81.100 | - | - | - |
| Field | Dissolved oxygen (DO) | mg/L | all sites | 6.245 | 9.045 | 12.669 | 7.960 | 9.800 | 13.920 | - | - | - |
| Field | Dissolved oxygen saturation | % | all sites | 62.933 | 94.620 | 113.898 | 84.330 | 95.270 | 117.300 | - | - | - |
| Field | Oxidation reduction potential (ORP) | mV | all sites | -286.942 | 135.500 | 319.684 | -447.322 | 108.715 | 286.197 | - | - | - |
| Field | Salinity | ppt | all sites | 0.035 | 0.090 | 0.170 | 0.035 | 0.105 | 0.136 | - | - | - |
| Field | Temperature, water | degC | all sites | 7.785 | 17.550 | 22.284 | 1.170 | 14.000 | 21.500 | - | - | - |
| Field | Turbidity | NTU | all sites | 9.700 | 48.800 | 198.700 | 7.542 | 24.700 | 80.700 | - | - | - |
| Field | pH | pH units | all sites | 7.750 | 8.220 | 9.390 | 7.670 | 8.130 | 8.550 | - | - | - |
| General Organics | Silica gel treated n-hexane extractable material | mg/L | all sites | - | - | - | < | < | < | - | - | - |
| Major Ions | Calcium, Unfiltered | mg/L | all sites | - | - | - | - | - | - | - | - | - |
| Major Ions | Chloride, Unfiltered | mg/L | all sites | - | - | - | 3.300 | 3.700 | 4.700 | - | - | - |
| Major Ions | Fluoride, Unfiltered | mg/L | all sites | - | - | - | < | < | < | - | - | - |
| Major Ions | Magnesium, Unfiltered | mg/L | all sites | - | - | - | - | - | - | - | - | - |
| Major Ions | Potassium, Unfiltered | mg/L | all sites | - | - | - | - | - | - | - | - | - |
| Major Ions | Sodium, Unfiltered | mg/L | all sites | - | - | - | - | - | - | - | - | - |
| Major Ions | Sulfate, Unfiltered as SO4 | mg/L | all sites | - | - | - | 3.000 | 6.000 | 20.000 | - | - | - |
| Nutrients and BOD | Ammonia and ammonium, Unfiltered as N | mg/L | all sites | - | - | - | < | < | < | - | - | - |
| Nutrients and BOD | Inorganic nitrogen (nitrate and nitrite), Unfiltered as N | mg/L | all sites | - | - | - | 0.020 | 0.100 | 0.220 | - | - | - |
| Nutrients and BOD | Nitrate, Unfiltered as N | mg/L | all sites | - | - | - | 0.010 | 0.100 | 0.220 | - | - | - |
| Nutrients and BOD | Nitrite, Unfiltered as N | mg/L | all sites | - | - | - | 0.000 | 0.002 | 0.035 | - | - | - |
| Nutrients and BOD | Orthophosphate, Unfiltered as P | mg/L | all sites | - | - | - | 0.000 | 0.000 | 0.005 | - | - | - |
| Nutrients and BOD | Total Nitrogen, mixed forms, Filtered as N | mg/L | all sites | - | - | - | 0.170 | 0.205 | 0.470 | - | - | - |
| Nutrients and BOD | Total Nitrogen, mixed forms, Unfiltered as N | mg/L | all sites | - | - | - | 0.200 | 0.250 | 0.650 | - | - | - |
| Nutrients and BOD | Total Phosphorus, mixed forms, Filtered as P | mg/L | all sites | - | - | - | 0.000 | 0.002 | 0.009 | - | - | - |
| Nutrients and BOD | Total Phosphorus, mixed forms, Unfiltered as P | mg/L | all sites | - | - | - | 0.014 | 0.036 | 0.265 | - | - | - |
| Total Metals | Aluminum, Unfiltered | ug/L | all sites | - | - | - | 137.000 | 591.000 | 3100.000 | - | - | - |
| Total Metals | Antimony, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Total Metals | Arsenic, Unfiltered | ug/L | all sites | - | - | - | 0.300 | 0.700 | 2.400 | - | - | - |
| Total Metals | Barium, Unfiltered | ug/L | all sites | - | - | - | 19.100 | 29.900 | 92.600 | - | - | - |
| Total Metals | Beryllium, Unfiltered | ug/L | all sites | - | - | - | 0.009 | 0.032 | 0.145 | - | - | - |
| Total Metals | Bismuth, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Total Metals | Boron, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Total Metals | Cadmium, Unfiltered | ug/L | all sites | - | - | - | < | < | < | - | - | - |
| Total Metals | Cesium, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Total Metals | Chromium, Filtered | ug/L | all sites | - | - | - | < | < | < | - | - | - |
| Total Metals | Chromium, Unfiltered | ug/L | all sites | - | - | - | 0.300 | 0.900 | 4.900 | - | - | - |
| Total Metals | Chromium(VI), Unfiltered | mg/L | all sites | - | - | - | < | < | < | - | - | - |
| Total Metals | Cobalt, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Total Metals | Copper, Unfiltered | ug/L | all sites | - | - | - | 0.900 | 1.450 | 7.200 | - | - | - |
| Total Metals | Iron, Unfiltered | ug/L | all sites | - | - | - | 236.000 | 953.000 | 6700.000 | - | - | - |
| Total Metals | Lead, Unfiltered | ug/L | all sites | - | - | - | 0.100 | 0.550 | 3.600 | - | - | - |
| Total Metals | Lithium, Unfiltered | ug/L | all sites | - | - | - | 3.000 | 3.850 | 8.000 | - | - | - |
| Total Metals | Manganese, Unfiltered | ug/L | all sites | - | - | - | 6.700 | 21.100 | 162.000 | - | - | - |
| Total Metals | Mercury, Unfiltered | ng/L | all sites | - | - | - | - | - | - | - | - | - |
| Total Metals | Methylmercury(1+), Unfiltered | ng/L | all sites | - | - | - | - | - | - | - | - | - |
| Total Metals | Molybdenum, Unfiltered | ug/L | all sites | - | - | - | 0.100 | 0.300 | 0.700 | - | - | - |
| Total Metals | Nickel, Unfiltered | ug/L | all sites | - | - | - | 0.600 | 1.500 | 8.700 | - | - | - |
| Total Metals | Rubidium, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Total Metals | Selenium, Unfiltered | ug/L | all sites | - | - | - | < | < | < | - | - | - |
| Total Metals | Silver, Unfiltered | ug/L | all sites | - | - | - | < | < | < | - | - | - |
| Total Metals | Strontium, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Total Metals | Thallium, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Total Metals | Tin, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Total Metals | Titanium, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Total Metals | Uranium, Unfiltered | ug/L | all sites | - | - | - | - | - | - | - | - | - |
| Total Metals | Vanadium, Unfiltered | ug/L | all sites | - | - | - | 0.500 | 1.900 | 9.200 | - | - | - |
| Total Metals | Zinc, Unfiltered | ug/L | all sites | - | - | - | 1.022 | 4.048 | 20.700 | - | - | - |