# Adani Carmichael Coal Mine Project

## Groundwater Quality data

October 2020

| | Sample Type: | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | 13/10/2020 | 13/10/2020 | 13/10/2020 | 13/10/2020 | 13/10/2020 | 13/10/2020 | 13/10/2020 | 13/10/2020 | 13/10/2020 | 13/10/2020 | 13/10/2020 | 13/10/2020 | 13/10/2020 | 13/10/2020 | 14/10/2020 |
| | Client sample ID (1st): | C558P1 | C012P1 | C012P2 | C011P3 | C024P3 | C975SP | C19027SP | Duplicate A | C14020SP | C14033SP | C016P2 | C9553P1R | C018P2 | C018P3 | C18012SP |
| | Hydro-stratigraphic unit: | Tertiary | Joe-Joe | Joe-Joe | Colinlea SSt | Colinlea SSt | Colinlea SSt | Bandanna | Duplicate A | Moolayember | Clematis Sst | Bandanna | Rewan | Bandanna | Colinlea SSt | DSC Spearpoint |
| **Analyte grouping/Analyte** | **Unit** | | | | | | | | | | | | | | | |
| pH Value | pH Unit | 7.06 | 6.67 | 7.72 | 7.85 | 6.81 | 6.38 | 8.17 | 6.77 | 6.58 | 6.1 | 7.93 | 6.6 | 7.76 | 7.53 | 7.45 |
| Electrical Conductivity @ 25°C | µS/cm | 9650 | 1990 | 2550 | 910 | 1420 | 590 | 1770 | 1980 | 1490 | 367 | 2800 | 389 | 1710 | 970 | 420 |
| Total Dissolved Solids @180°C | mg/L | 6210 | 1100 | 1420 | 512 | 790 | 337 | 1000 | 1100 | 932 | 247 | 1720 | 253 | 962 | 556 | 269 |
| Total Alkalinity as CaCO3 | mg/L | 230 | 78 | 257 | 213 | 108 | 38 | 208 | 76 | 37 | 12 | 183 | 52 | 271 | 168 | 176 |
| Sulfate as SO4 - Turbidimetric | mg/L | 255 | 49 | 44 | <1 | 19 | 22 | 27 | 49 | 50 | 4 | 39 | 19 | 6 | 15 | 1 |
| Chloride | mg/L | 2960 | 593 | 689 | 174 | 407 | 156 | 464 | 584 | 443 | 106 | 824 | 80 | 432 | 214 | 32 |
| Calcium | mg/L | 80 | 29 | 82 | 23 | 14 | 2 | 22 | 28 | 7 | 2 | 99 | 1 | 50 | 24 | 2 |
| Magnesium | mg/L | 230 | 34 | 30 | 5 | 26 | 6 | 4 | 33 | 44 | 10 | 19 | 6 | 26 | 6 | <1 |
| Sodium | mg/L | 1650 | 330 | 416 | 168 | 229 | 105 | 352 | 320 | 217 | 46 | 469 | 68 | 268 | 171 | 92 |
| Potassium | mg/L | 28 | 12 | 14 | 9 | 10 | 6 | 5 | 11 | 25 | 10 | 9 | 3 | 17 | 9 | 15 |
| Aluminium | mg/L | <0.01 | <0.01 | <0.01 | 0.02 | <0.01 | <0.01 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.02 |
| Arsenic | mg/L | <0.001 | <0.001 | 0.003 | <0.001 | 0.007 | <0.001 | 0.009 | <0.001 | <0.001 | <0.001 | <0.001 | 0.002 | <0.001 | <0.001 | <0.001 |
| Cadmium | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | 0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| Chromium | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Cobalt | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | 0.002 | <0.001 | <0.001 | <0.001 | 0.001 | 0.002 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Copper | mg/L | 0.074 | <0.001 | <0.001 | <0.001 | <0.001 | 0.005 | <0.001 | <0.001 | 0.014 | 0.014 | <0.001 | 0.002 | <0.001 | <0.001 | <0.001 |
| Lead | mg/L | 0.011 | 0.007 | 0.004 | 0.001 | <0.001 | 0.01 | <0.001 | 0.007 | 0.003 | 0.007 | <0.001 | 0.002 | <0.001 | <0.001 | <0.001 |
| Manganese | mg/L | 0.013 | 0.009 | 0.192 | 0.035 | 0.153 | 0.074 | 0.032 | 0.008 | 0.001 | 0.004 | 0.077 | 0.119 | 0.08 | 0.049 | 0.061 |
| Molybdenum | mg/L | 0.002 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.002 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.001 |
| Nickel | mg/L | 0.048 | 0.002 | <0.001 | <0.001 | 0.03 | 0.003 | <0.001 | 0.002 | 0.008 | 0.003 | <0.001 | 0.004 | <0.001 | <0.001 | <0.001 |
| Selenium | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Silver | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Uranium | mg/L | 0.003 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Vanadium | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Zinc | mg/L | 0.058 | 0.031 | 0.012 | 0.009 | 0.054 | 0.134 | 0.015 | 0.025 | 0.048 | 0.035 | 0.016 | 0.04 | 0.016 | 0.031 | <0.005 |
| Boron | mg/L | 0.82 | 0.46 | 0.5 | 0.45 | 0.36 | 0.17 | 0.48 | 0.39 | 0.37 | 0.09 | 0.4 | 0.13 | 0.58 | 0.39 | 0.1 |
| Iron | mg/L | <0.05 | <0.05 | 0.38 | 0.46 | 14.7 | 0.1 | <0.05 | <0.05 | <0.05 | <0.05 | 0.12 | 1.74 | 0.51 | 0.82 | 0.38 |
| Mercury | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| Fluoride | mg/L | 0.3 | 0.2 | 0.3 | 1.2 | 0.4 | 0.2 | 0.4 | 0.2 | 0.2 | <0.1 | 0.1 | 0.2 | 0.4 | 1.1 | 0.3 |
| Ammonia as N | mg/L | 0.03 | <0.01 | 0.02 | 0.14 | 0.34 | 0.06 | 0.59 | 0.02 | 0.07 | 0.05 | 0.5 | 0.23 | 0.1 | 0.15 | 0.03 |
| Nitrite as N | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Nitrate as N | mg/L | 0.02 | 0.05 | 0.01 | 0.02 | 0.04 | 0.08 | <0.01 | 0.05 | 0.06 | 0.5 | <0.01 | 0.01 | <0.01 | 0.01 | <0.01 |
| Total Phosphorus as P | mg/L | <0.01 | 0.01 | <0.01 | 0.02 | 0.11 | <0.01 | 0.08 | <0.01 | <0.01 | <0.01 | 0.06 | 0.13 | 0.07 | 0.04 | 0.1 |
| Sulfide as S2- | mg/L | <0.1 | <0.1 | 0.3 | <0.1 | <0.1 | <0.1 | 0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0.3 | <0.1 | 0.2 | <0.1 |
| C6 - C9 Fraction | µg/L | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 |
| C6 - C10 Fraction | µg/L | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 |
| >C10 - C40 Fraction (sum) | µg/L | <100 | <100 | <100 | <100 | 120 | <100 | <100 | <100 | <100 | <100 | <100 | 160 | <100 | <100 | <100 |
| Sum of BTEX | µg/L | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |

| | Sample Type: | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | 14/10/2020 | 14/10/2020 | 14/10/2020 | 14/10/2020 | 14/10/2020 | 14/10/2020 | 14/10/2020 | 14/10/2020 | 14/10/2020 | 14/10/2020 | 14/10/2020 | 14/10/2020 | 13/10/2020 | 14/10/2020 | 14/10/2020 |
| | Client sample ID (1st): | C18013SP | C18002SP | C18003SP | C18001SP | Duplicate B | Joshua Spring | C18011SP | C18010SP | C18014SP | HD03A | HD03B | HD02 | Duplicate C | C14012SP | C14013SP |
| | Hydro-stratigraphic unit: | DSC Spearpoin | Clematis SSt | Moolayember | Clematis SSt | Duplicate B | Clematis SSt | DSC Spearpoin | DSC Spearpoin | DSC Spearpoin | Clematis SSt | Alluvium | Clematis Sst | Duplicate C | Clematis Sst | Clematis Sst |
| **Analyte grouping/Analyte** | **Unit** | | | | | | | | | | | | | | | |
| pH Value | pH Unit | 7.47 | 8.07 | 7.69 | 7.54 | 8.13 | 7.66 | 7.46 | 9.19 | 9.02 | 7.59 | 7.74 | 7.97 | 7.61 | 7.74 | 5.94 |
| Electrical Conductivity @ 25°C | µS/cm | 591 | 368 | 417 | 640 | 370 | 518 | 711 | 714 | 789 | 694 | 792 | 625 | 970 | 478 | 404 |
| Total Dissolved Solids @180°C | mg/L | 620 | 205 | 260 | 363 | 240 | 298 | 405 | 414 | 456 | 386 | 447 | 356 | 540 | 282 | 260 |
| Total Alkalinity as CaCO3 | mg/L | 188 | 138 | 147 | 99 | 136 | 121 | 137 | 270 | 274 | 117 | 132 | 120 | 174 | 123 | 10 |
| Sulfate as SO4 - Turbidimetric | mg/L | <1 | <1 | 9 | 9 | <1 | 7 | <1 | <1 | 3 | 11 | 12 | 4 | 14 | 5 | 10 |
| Chloride | mg/L | 71 | 37 | 42 | 144 | 43 | 88 | 142 | 66 | 102 | 154 | 169 | 125 | 219 | 70 | 112 |
| Calcium | mg/L | 1 | 1 | 4 | 4 | 1 | 10 | 2 | 2 | 8 | 4 | 1 | 2 | 24 | 3 | 1 |
| Magnesium | mg/L | <1 | <1 | 2 | 1 | <1 | 3 | <1 | <1 | 34 | 2 | 2 | 1 | 6 | 2 | 9 |
| Sodium | mg/L | 94 | 78 | 85 | 123 | 77 | 85 | 124 | 154 | 112 | 128 | 153 | 120 | 169 | 96 | 54 |
| Potassium | mg/L | 14 | 12 | 15 | 17 | 12 | 20 | 12 | 16 | 18 | 15 | 16 | 14 | 9 | 8 | 7 |
| Aluminium | mg/L | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.02 | 0.1 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Arsenic | mg/L | <0.001 | <0.001 | 0.002 | 0.002 | <0.001 | <0.001 | 0.002 | 0.002 | 0.004 | <0.001 | <0.001 | 0.007 | <0.001 | <0.001 | <0.001 |
| Cadmium | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| Chromium | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Cobalt | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.002 | <0.001 | <0.001 | 0.005 |
| Copper | mg/L | <0.001 | <0.001 | 0.002 | <0.001 | <0.001 | <0.001 | <0.001 | 0.024 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.006 |
| Lead | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.002 |
| Manganese | mg/L | 0.042 | 0.129 | 0.1 | 0.017 | 0.127 | 0.077 | 0.004 | 0.007 | 0.003 | 0.424 | 0.126 | 0.254 | 0.05 | <0.001 | 0.02 |
| Molybdenum | mg/L | <0.001 | <0.001 | 0.002 | <0.001 | <0.001 | 0.001 | <0.001 | 0.004 | 0.016 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Nickel | mg/L | <0.001 | <0.001 | 0.012 | 0.002 | <0.001 | <0.001 | <0.001 | 0.002 | 0.008 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.011 |
| Selenium | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Silver | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Uranium | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.004 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Vanadium | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Zinc | mg/L | <0.005 | 0.008 | 0.046 | 0.053 | 0.008 | <0.005 | <0.005 | 0.007 | <0.005 | 0.07 | 0.023 | 0.022 | 0.023 | 0.018 | 0.141 |
| Boron | mg/L | 0.1 | 0.06 | 0.16 | 0.14 | 0.08 | 0.11 | 0.14 | 0.11 | 0.12 | 0.14 | 0.19 | 0.12 | 0.35 | 0.13 | 0.12 |
| Iron | mg/L | 0.47 | <0.05 | <0.05 | 1.65 | <0.05 | <0.05 | 0.46 | 0.21 | <0.05 | 0.68 | 0.49 | 0.22 | 0.83 | <0.05 | <0.05 |
| Mercury | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| Fluoride | mg/L | 0.6 | 0.4 | 0.6 | 0.2 | 0.3 | 0.5 | 0.2 | 0.2 | 0.4 | 0.2 | 0.4 | 0.3 | 1.1 | 0.4 | 0.1 |
| Ammonia as N | mg/L | 0.76 | 0.06 | 0.09 | 0.1 | 0.04 | 0.05 | 0.12 | 0.06 | 0.02 | 0.1 | 0.01 | 0.1 | 0.02 | 0.05 | 0.09 |
| Nitrite as N | mg/L | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Nitrate as N | mg/L | 0.1 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.02 | 0.06 | <0.01 | 0.08 | 0.04 | <0.01 | <0.01 | 0.04 | 0.64 |
| Total Phosphorus as P | mg/L | 0.13 | 0.18 | 0.02 | 0.03 | 0.18 | <0.01 | 0.5 | 0.14 | 0.29 | 0.1 | 0.13 | 0.16 | 0.03 | 0.07 | <0.01 |
| Sulfide as S2- | mg/L | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0.2 | 0.4 | <0.1 | <0.1 | 0.3 | <0.1 | <0.1 | 0.1 | <0.1 | <0.1 |
| C6 - C9 Fraction | µg/L | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 |
| C6 - C10 Fraction | µg/L | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 |
| >C10 - C40 Fraction (sum) | µg/L | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 |
| Sum of BTEX | µg/L | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |

| | Sample Type: | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | 14/10/2020 | 14/10/2020 | 14/10/2020 | 16/10/2020 | 16/10/2020 | 16/10/2020 | 16/10/2020 | 15/10/2020 | 16/10/2020 | 16/10/2020 | 16/10/2020 | 16/10/2020 | 15/10/2020 | 15/10/2020 | 16/10/2020 |
| | Client sample ID (1st): | C14011SP | C029P2 | C029P1 | C14017SP | C180123SP | Mellaluka Spri | C14032SP | C914108PTR | C14015SP | Duplicate E | C180122SP | C9180121SPR | C14027SP | C025P2 | C19001SP |
| | Hydro-stratigraphic unit: | Clematis Sst | Tertiary | Alluvium | Joe-Joe | Joe-Joe | Clematis SSt | Joe-Joe | Joe-Joe | Joe-Joe | Duplicate E | Composite Bor | Tertiary | Alluvium - not | Tertiary | Alluvium (use C025P1 triggers |
| **Analyte grouping/Analyte** | **Unit** | | | | | | | | | | | | | | | |
| pH Value | pH Unit | 6.07 | 7.33 | 7.73 | 7.74 | 8.34 | 7.35 | 6.72 | 6.61 | 7.45 | 7.57 | 6.29 | 6.58 | 7.34 | 7.43 | 7.87 |
| Electrical Conductivity @ 25°C | µS/cm | 251 | 11600 | 31100 | 5260 | 797 | 1740 | 2100 | 519 | 2340 | 2340 | 7070 | 3540 | 49200 | 13500 | 23900 |
| Total Dissolved Solids @180°C | mg/L | 167 | 7050 | 20400 | 3170 | 464 | 1020 | 1180 | 308 | 1340 | 1310 | 4650 | 2510 | 36300 | 8070 | 14300 |
| Total Alkalinity as CaCO3 | mg/L | 11 | 245 | 2150 | 258 | 230 | 48 | 31 | 28 | 121 | 120 | 16 | 30 | 206 | 384 | 717 |
| Sulfate as SO4 - Turbidimetric | mg/L | 5 | 266 | 1050 | 40 | 21 | 7 | 36 | 16 | 52 | 54 | 72 | 84 | 2200 | 408 | 776 |
| Chloride | mg/L | 67 | 3810 | 10500 | 1610 | 102 | 558 | 669 | 142 | 686 | 674 | 2330 | 1030 | 18500 | 4830 | 8070 |
| Calcium | mg/L | 1 | 85 | 57 | 110 | 7 | 13 | 27 | 5 | 16 | 16 | 104 | 33 | 964 | 109 | 215 |
| Magnesium | mg/L | 5 | 119 | 365 | 55 | 4 | 18 | 30 | 4 | 14 | 14 | 115 | 48 | 1360 | 115 | 288 |
| Sodium | mg/L | 35 | 2320 | 7530 | 964 | 173 | 299 | 344 | 88 | 453 | 456 | 1230 | 632 | 10200 | 2940 | 5170 |
| Potassium | mg/L | 3 | 61 | 225 | 16 | 4 | 16 | 12 | 5 | 9 | 9 | 20 | 10 | 128 | 59 | 92 |
| Aluminium | mg/L | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| Arsenic | mg/L | <0.001 | 0.006 | <0.005 | 0.002 | 0.004 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.009 | <0.001 | 0.006 |
| Cadmium | mg/L | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 |
| Chromium | mg/L | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 |
| Cobalt | mg/L | 0.002 | <0.001 | <0.005 | 0.001 | <0.001 | <0.001 | 0.003 | 0.002 | <0.001 | <0.001 | 0.003 | <0.001 | 0.063 | <0.001 | <0.001 |
| Copper | mg/L | 0.006 | 0.03 | <0.005 | <0.001 | <0.001 | 0.001 | 0.003 | 0.003 | <0.001 | <0.001 | 0.015 | 0.004 | 0.212 | 0.001 | 0.002 |
| Lead | mg/L | 0.004 | 0.002 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.007 | <0.001 | <0.001 |
| Manganese | mg/L | 0.013 | 0.194 | 0.091 | 0.671 | 0.032 | 0.197 | 0.158 | 0.073 | 0.197 | 0.198 | 0.234 | 0.008 | 4.14 | 1.45 | 0.269 |
| Molybdenum | mg/L | <0.001 | <0.001 | <0.005 | 0.003 | 0.003 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | 0.004 |
| Nickel | mg/L | 0.006 | 0.003 | <0.005 | <0.001 | <0.001 | 0.002 | 0.003 | 0.004 | <0.001 | <0.001 | 0.003 | 0.001 | 0.041 | 0.025 | 0.005 |
| Selenium | mg/L | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 |
| Silver | mg/L | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 |
| Uranium | mg/L | <0.001 | <0.001 | 0.117 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.007 | <0.001 | 0.064 |
| Vanadium | mg/L | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | 0.02 |
| Zinc | mg/L | 0.081 | 0.121 | <0.025 | 0.072 | <0.005 | 0.005 | 1.88 | 0.236 | 0.103 | 0.102 | 0.292 | 1.22 | 0.215 | 0.01 | <0.005 |
| Boron | mg/L | 0.12 | 1.24 | 4.65 | 0.62 | 0.34 | 0.26 | 0.14 | 0.11 | 0.36 | 0.37 | 0.44 | 0.25 | 2.83 | 1.63 | 1.26 |
| Iron | mg/L | <0.05 | 1.18 | 0.15 | 0.46 | <0.05 | 0.52 | 1.88 | 0.36 | 0.46 | 0.46 | 0.91 | 0.07 | 4.43 | 6.78 | <0.05 |
| Mercury | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| Fluoride | mg/L | <0.1 | 0.4 | 1.4 | 1.1 | 0.6 | 0.2 | 0.3 | 0.2 | 0.5 | 0.5 | 0.1 | 0.1 | 0.2 | 0.4 | 0.4 |
| Ammonia as N | mg/L | 0.02 | 0.18 | <0.01 | 0.05 | <0.01 | 0.08 | 0.02 | 0.02 | 0.03 | 0.04 | 0.09 | <0.01 | 0.4 | 0.32 | 0.03 |
| Nitrite as N | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Nitrate as N | mg/L | 0.44 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.04 | 0.21 | <0.01 | <0.01 | <0.01 | 0.33 | 0.01 | <0.01 | 0.04 |
| Total Phosphorus as P | mg/L | <0.01 | 0.08 | 0.08 | 0.01 | 0.02 | 1.05 | 0.02 | <0.01 | 0.03 | 0.03 | <0.05 | <0.01 | <0.05 | 0.11 | 0.06 |
| Sulfide as S2- | mg/L | <0.1 | 0.2 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| C6 - C9 Fraction | µg/L | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 |
| C6 - C10 Fraction | µg/L | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 |
| >C10 - C40 Fraction (sum) | µg/L | <100 | <100 | <100 | <100 | <100 | 230 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | 140 | <100 |
| Sum of BTEX | µg/L | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |

| | Sample Type: | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | 15/10/2020 | 15/10/2020 | 15/10/2020 | 15/10/2020 | 15/10/2020 | 15/10/2020 | 15/10/2020 | 15/10/2020 | 16/10/2020 | 16/10/2020 | 16/10/2020 | 16/10/2020 | 17/10/2020 | 17/10/2020 | 17/10/2020 |
| | Client sample ID (1st): | C14021SP | C14023SP | C035P1 | C035P2 | C032P2 | C9845SPR | C19028SP | Duplicate H | C14031SP | C9180124SPR | C022P1 | C014P2 | C14003SP | C14004SP | C19022SP |
| | Hydro-stratigraphic unit: | Clematis SSt | Dunda Beds | Rewan | Bandanna | Bandanna | Tertiary | Rewan (use C1 | Duplicate H | Composite bor | Joe-Joe | Dunda Beds | Bandanna | Joe Joe | Joe Joe | Alluvium - not tested |
| **Analyte grouping/Analyte** | **Unit** | | | | | | | | | | | | | | | |
| pH Value | pH Unit | 6.79 | 8.25 | 7.68 | 7.36 | 8.26 | 6.94 | 7.95 | 8.34 | 7.37 | 6.53 | 6.15 | 8.2 | 6.23 | 7.26 | 7.17 |
| Electrical Conductivity @ 25°C | µS/cm | 583 | 720 | 3570 | 1470 | 1250 | 1910 | 4730 | 1260 | 5530 | 466 | 274 | 1840 | 50200 | 49500 | 41800 |
| Total Dissolved Solids @180°C | mg/L | 330 | 407 | 2030 | 810 | 692 | 1060 | 2730 | 726 | 3370 | 261 | 155 | 1070 | 42000 | 48800 | 34800 |
| Total Alkalinity as CaCO3 | mg/L | 38 | 135 | 155 | 115 | 340 | 57 | 273 | 344 | 30 | 20 | 18 | 328 | 44 | 86 | 244 |
| Sulfate as SO4 - Turbidimetric | mg/L | 19 | 1 | 45 | 19 | <1 | 56 | 163 | <1 | 97 | 6 | 7 | <1 | 2430 | 2070 | 2330 |
| Chloride | mg/L | 174 | 164 | 1080 | 430 | 206 | 578 | 1320 | 204 | 1790 | 136 | 64 | 447 | 19400 | 20100 | 16100 |
| Calcium | mg/L | 5 | 4 | 15 | 11 | 10 | 5 | 20 | 10 | 78 | 2 | 1 | 16 | 2550 | 3000 | 2280 |
| Magnesium | mg/L | 11 | 1 | 14 | 7 | 4 | 15 | 38 | 4 | 94 | 3 | 3 | 4 | 1530 | 1310 | 1220 |
| Sodium | mg/L | 89 | 150 | 733 | 285 | 274 | 368 | 984 | 273 | 974 | 84 | 48 | 407 | 9260 | 9180 | 7920 |
| Potassium | mg/L | 16 | 8 | 5 | 6 | 5 | 8 | 11 | 5 | 14 | 4 | 3 | 7 | 28 | 44 | 27 |
| Aluminium | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | 0.01 | <0.01 | 0.02 | 0.01 | <0.01 | <0.01 | 0.02 | 0.01 | <0.05 | <0.05 | <0.05 |
| Arsenic | mg/L | <0.001 | <0.001 | 0.002 | <0.001 | 0.007 | <0.001 | 0.008 | 0.007 | <0.001 | <0.001 | <0.001 | <0.001 | 0.006 | <0.005 | 0.009 |
| Cadmium | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 |
| Chromium | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 | <0.005 |
| Cobalt | mg/L | <0.001 | <0.001 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.002 | 0.024 | <0.001 | 0.039 | <0.005 | 0.011 |
| Copper | mg/L | 0.002 | <0.001 | <0.001 | <0.001 | <0.001 | 0.02 | 0.005 | <0.001 | 0.006 | 0.003 | 0.005 | <0.001 | 0.402 | 0.122 | <0.005 |
| Lead | mg/L | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.001 | <0.001 | 0.002 | <0.001 | <0.001 | <0.001 | 0.012 | <0.005 | <0.005 |
| Manganese | mg/L | 0.003 | 0.054 | 0.112 | 0.1 | 0.055 | 0.003 | 0.275 | 0.055 | 0.032 | 0.004 | 0.006 | 0.009 | 2.13 | 6.79 | 2.36 |
| Molybdenum | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | 0.007 | <0.001 | 0.002 | 0.007 | <0.001 | <0.001 | <0.001 | 0.002 | <0.005 | <0.005 | <0.005 |
| Nickel | mg/L | 0.004 | <0.001 | 0.004 | 0.001 | 0.001 | 0.003 | 0.003 | 0.001 | 0.005 | 0.003 | 0.004 | <0.001 | 0.028 | <0.005 | 0.012 |
| Selenium | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 |
| Silver | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 | <0.005 |
| Uranium | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 | 0.012 |
| Vanadium | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.05 | <0.05 |
| Zinc | mg/L | 0.097 | <0.005 | 0.099 | 0.04 | 0.005 | 0.075 | 0.031 | 0.005 | 0.944 | 0.648 | 0.083 | <0.005 | 0.22 | 0.094 | <0.025 |
| Boron | mg/L | 0.13 | 0.08 | 0.67 | 0.25 | 0.33 | 0.21 | 0.83 | 0.36 | 0.36 | 0.09 | 0.12 | 0.31 | 2.69 | 0.32 | 2.87 |
| Iron | mg/L | <0.05 | <0.05 | 0.19 | 0.38 | 0.17 | <0.05 | 0.58 | 0.2 | 0.23 | 0.05 | <0.05 | <0.05 | 14.4 | 0.29 | 7.87 |
| Mercury | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| Fluoride | mg/L | 0.1 | 0.4 | 0.6 | 0.2 | 1 | 0.2 | 1 | 1 | <0.1 | <0.1 | 0.1 | 1.3 | 0.2 | 0.1 | 0.3 |
| Ammonia as N | mg/L | <0.01 | 0.1 | 0.04 | 0.05 | 0.16 | <0.01 | 0.06 | 0.27 | 0.05 | 0.03 | 0.05 | 0.75 | 0.51 | 1 | 0.11 |
| Nitrite as N | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.02 | <0.01 |
| Nitrate as N | mg/L | 0.16 | <0.01 | 0.03 | 0.02 | <0.01 | 0.16 | <0.01 | <0.01 | <0.01 | 0.16 | 0.19 | <0.01 | <0.01 | <0.01 | <0.01 |
| Total Phosphorus as P | mg/L | <0.01 | <0.01 | 0.01 | 0.02 | 0.04 | 0.02 | 0.09 | 0.04 | <0.01 | <0.01 | <0.01 | 0.03 | <0.05 | <0.05 | <0.05 |
| Sulfide as S2- | mg/L | <0.1 | <0.1 | <0.1 | <0.1 | 0.2 | <0.1 | <0.1 | 0.2 | 0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| C6 - C9 Fraction | µg/L | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 |
| C6 - C10 Fraction | µg/L | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 |
| >C10 - C40 Fraction (sum) | µg/L | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | 110 | <100 |
| Sum of BTEX | µg/L | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |

| | Sample Type: | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | 17/10/2020 | 17/10/2020 | 16/10/2020 | 19/10/2020 | 16/10/2020 | 16/10/2020 | 17/10/2020 | 17/10/2020 | 17/10/2020 | 17/10/2020 | 16/10/2020 | 16/10/2020 | 16/10/2020 | 17/10/2020 | 16/10/2020 |
| Client sample ID (1st): | | Duplicate D | C18009SP | C18005SP | C18006SP | C18004SP | C823SP | C180120SP | C9180125SPR | C180119SP | C14016SP | C14002SP | C914001SPR | C14028SP | Duplicate F | C180117SP |
| Hydro-stratigraphic unit: | | Duplicate D | Alluvium | Alluvium | Alluvium | Alluvium | Bandanna | Composite Bor | Joe-Joe | Joe-Joe | Joe-Joe | Joe-Joe | Joe-Joe | Alluvium | Duplicate F | Dunda Beds |
| **Analyte grouping/Analyte** | **Unit** | | | | | | | | | | | | | | | |
| pH Value | pH Unit | 6.21 | 7.49 | 7.19 | 6.95 | 7.14 | 7.91 | 6.49 | 8.25 | 6.69 | 8 | 7.39 | 6.74 | 7.31 | 7.3 | 6.6 |
| Electrical Conductivity @ 25°C | µS/cm | 385 | 24400 | 48300 | 58300 | 35900 | 4180 | 7730 | 877 | 669 | 2570 | 10900 | 19600 | 43700 | 47400 | 222 |
| Total Dissolved Solids @180°C | mg/L | 229 | 24400 | 45400 | 54800 | 37900 | 3240 | 4320 | 550 | 412 | 1410 | 6980 | 15300 | 32800 | 41100 | 156 |
| Total Alkalinity as CaCO3 | mg/L | 16 | 48 | 202 | 225 | 192 | 434 | 11 | 293 | 41 | 181 | 134 | 189 | 359 | 190 | 37 |
| Sulfate as SO4 - Turbidimetric | mg/L | 6 | 837 | 2310 | 2880 | 728 | <1 | 145 | 1 | 8 | 58 | 375 | 1380 | 1770 | 2320 | 12 |
| Chloride | mg/L | 108 | 8520 | 19200 | 21600 | 14400 | 1210 | 2430 | 126 | 192 | 700 | 3440 | 6670 | 16000 | 19900 | 38 |
| Calcium | mg/L | 2 | 1890 | 2530 | 2200 | 3110 | 120 | 102 | 10 | 4 | 44 | 289 | 862 | 838 | 2550 | 2 |
| Magnesium | mg/L | 6 | 407 | 1340 | 1570 | 1330 | 53 | 140 | 4 | 4 | 10 | 112 | 432 | 1160 | 1320 | 2 |
| Sodium | mg/L | 65 | 3530 | 9670 | 12100 | 4930 | 770 | 1440 | 204 | 133 | 512 | 2160 | 3710 | 9340 | 9570 | 43 |
| Potassium | mg/L | 3 | 25 | 18 | 30 | 21 | 28 | 30 | 4 | 4 | 8 | 30 | 71 | 138 | 18 | 2 |
| Aluminium | mg/L | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | 0.18 | 0.05 |
| Arsenic | mg/L | <0.001 | <0.005 | 0.006 | <0.005 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | 0.006 | 0.002 | 0.002 | <0.005 | 0.005 | 0.001 |
| Cadmium | mg/L | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0001 |
| Chromium | mg/L | <0.001 | 0.018 | <0.005 | <0.005 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 | <0.001 |
| Cobalt | mg/L | 0.001 | <0.005 | 0.019 | 0.014 | <0.005 | <0.001 | 0.002 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.014 | 0.018 | <0.001 |
| Copper | mg/L | 0.017 | <0.005 | 0.182 | <0.005 | <0.005 | 0.004 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.178 | 0.119 | 0.19 | 0.088 |
| Lead | mg/L | 0.004 | <0.005 | <0.005 | <0.005 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.009 | 0.013 | <0.005 | 0.001 |
| Manganese | mg/L | 0.002 | 0.015 | 1.74 | 0.952 | 0.082 | 0.038 | 0.007 | 0.043 | 0.01 | 0.069 | 0.947 | 0.865 | 2.22 | 1.72 | 0.011 |
| Molybdenum | mg/L | <0.001 | 0.032 | 0.009 | 0.008 | <0.005 | 0.003 | <0.001 | <0.001 | <0.001 | 0.003 | <0.001 | <0.001 | <0.005 | 0.008 | <0.001 |
| Nickel | mg/L | 0.002 | <0.005 | 0.014 | 0.013 | <0.005 | 0.002 | 0.005 | 0.007 | <0.001 | <0.001 | 0.003 | 0.011 | 0.022 | 0.015 | 0.006 |
| Selenium | mg/L | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.05 | <0.01 |
| Silver | mg/L | <0.001 | <0.005 | <0.005 | <0.005 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 | <0.001 |
| Uranium | mg/L | <0.001 | <0.005 | 0.095 | 0.059 | 0.034 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.003 | 0.055 | 0.095 | <0.001 |
| Vanadium | mg/L | <0.01 | <0.05 | <0.05 | <0.05 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.05 | <0.01 |
| Zinc | mg/L | 0.022 | <0.025 | 0.135 | <0.025 | <0.025 | 0.02 | 0.886 | 0.095 | 0.769 | 0.015 | 0.032 | 0.314 | 0.206 | 0.134 | 0.04 |
| Boron | mg/L | 0.09 | 0.88 | 3.73 | 4.37 | 1.02 | 0.48 | 0.43 | 0.25 | 0.12 | 0.34 | 0.89 | 1.77 | 2.43 | 3.85 | 0.07 |
| Iron | mg/L | <0.05 | <0.05 | 0.09 | 0.31 | 0.08 | 0.8 | 0.2 | <0.05 | 0.81 | 0.05 | 2.92 | 7.92 | 1.06 | 0.14 | 1.39 |
| Mercury | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| Fluoride | mg/L | <0.1 | 0.3 | <0.1 | 0.1 | 0.2 | 0.8 | 0.1 | 0.5 | 0.1 | 0.6 | 0.2 | 0.2 | 0.2 | <0.1 | 0.2 |
| Ammonia as N | mg/L | <0.01 | 0.07 | 0.12 | 0.09 | 0.08 | 0.83 | 0.06 | 0.1 | 0.03 | 0.39 | 0.29 | 0.32 | 0.11 | 0.18 | 0.01 |
| Nitrite as N | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Nitrate as N | mg/L | 0.2 | 0.16 | <0.01 | <0.01 | 0.03 | <0.01 | 0.21 | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Total Phosphorus as P | mg/L | <0.01 | <0.05 | 0.45 | 0.05 | <0.05 | <0.01 | <0.01 | <0.01 | 0.01 | 0.05 | 0.01 | 0.06 | <0.05 | 0.42 | <0.01 |
| Sulfide as S2- | mg/L | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0.2 | <0.1 |
| C6 - C9 Fraction | µg/L | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 |
| C6 - C10 Fraction | µg/L | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 |
| >C10 - C40 Fraction (sum) | µg/L | <100 | <100 | <100 | <100 | <100 | 220 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | 200 |
| Sum of BTEX | µg/L | <1 | <1 | <1 | 3 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |

| | Sample Type: | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | 16/10/2020 | 16/10/2020 | 16/10/2020 | 17/10/2020 | 17/10/2020 | 17/10/2020 | 17/10/2020 | 19/10/2020 | 17/10/2020 | 17/10/2020 | 17/10/2020 | 17/10/2020 | 16/10/2020 | 17/10/2020 | 17/10/2020 |
| Client sample ID (1st): | | C556P1 | C9838SPR | C19029SP | C14006SP | C14008SP | C14029SP | C914030SPR | Duplicate G | C034P3 | C19003SP | C847SP | C848SP | C19002SP | C027P1 | C027P2 |
| Hydro-stratigraphic unit: | | Rewan | Rewan | Colinlea SSt | Joe-Joe | Joe-Joe | Composite bor | Joe Joe | Duplicate G | Colinlea SSt | Sub-E Seam | Bandanna | Colinlea SSt | Clematis SSt (u | Alluvium | Dunda Beds |
| **Analyte grouping/Analyte** | **Unit** | | | | | | | | | | | | | | | |
| pH Value | pH Unit | 6.44 | 6.13 | 7.62 | 7.55 | 6.54 | 7.26 | 6.63 | 7.5 | 7.05 | 8.09 | 6.46 | 7.12 | 6.57 | 7.1 | 6.53 |
| Electrical Conductivity @ 25°C | µS/cm | 228 | 389 | 1050 | 7960 | 626 | 9460 | 547 | 23700 | 1610 | 2930 | 335 | 2780 | 340 | 6390 | 716 |
| Total Dissolved Solids @180°C | mg/L | 172 | 239 | 670 | 5280 | 375 | 6640 | 348 | 22400 | 918 | 1880 | 230 | 1550 | 193 | 3920 | 489 |
| Total Alkalinity as CaCO3 | mg/L | 25 | 15 | 342 | 116 | 34 | 59 | 32 | 47 | 93 | 191 | 24 | 207 | 33 | 173 | 34 |
| Sulfate as SO4 - Turbidimetric | mg/L | 10 | 6 | <1 | 197 | 14 | 484 | 11 | 844 | 21 | <1 | 8 | 18 | 7 | 520 | 15 |
| Chloride | mg/L | 49 | 103 | 158 | 2370 | 187 | 2980 | 156 | 8200 | 489 | 868 | 84 | 823 | 79 | 1820 | 213 |
| Calcium | mg/L | <1 | 2 | 5 | 183 | 7 | 206 | 6 | 1880 | 22 | 64 | 1 | 28 | 8 | 27 | 1 |
| Magnesium | mg/L | 1 | 6 | 4 | 83 | 6 | 153 | 5 | 408 | 10 | 12 | 2 | 23 | 5 | 121 | 3 |
| Sodium | mg/L | 45 | 65 | 252 | 1520 | 112 | 1820 | 100 | 3560 | 306 | 572 | 66 | 542 | 50 | 1250 | 143 |
| Potassium | mg/L | 2 | 3 | 8 | 22 | 5 | 11 | 5 | 24 | 12 | 12 | 2 | 16 | 4 | 67 | 8 |
| Aluminium | mg/L | 0.02 | <0.01 | 0.04 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.02 | 0.02 |
| Arsenic | mg/L | <0.001 | <0.001 | 0.001 | 0.002 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.001 |
| Cadmium | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| Chromium | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.018 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Cobalt | mg/L | 0.005 | 0.001 | <0.001 | <0.001 | 0.011 | 0.004 | 0.008 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.005 | <0.001 |
| Copper | mg/L | 0.013 | 0.017 | 0.005 | <0.001 | <0.001 | 0.021 | 0.002 | <0.005 | <0.001 | <0.001 | 0.013 | <0.001 | 0.006 | 0.008 | 0.002 |
| Lead | mg/L | 0.001 | 0.004 | <0.001 | <0.001 | <0.001 | 0.002 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Manganese | mg/L | 0.024 | 0.002 | 0.027 | 0.382 | 0.096 | 0.065 | 0.198 | 0.015 | 0.217 | 0.17 | 0.002 | 0.287 | 0.03 | 2.4 | 0.074 |
| Molybdenum | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.036 | <0.001 | 0.002 | <0.001 | <0.001 | <0.001 | 0.004 | <0.001 |
| Nickel | mg/L | 0.001 | 0.002 | 0.002 | <0.001 | 0.013 | 0.01 | 0.011 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | 0.003 | 0.094 | 0.005 |
| Selenium | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Silver | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Uranium | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Vanadium | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.05 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Zinc | mg/L | 0.015 | 0.022 | 0.036 | 0.141 | 0.197 | 0.526 | 0.178 | <0.025 | 0.253 | <0.005 | 0.072 | 0.015 | 0.02 | 0.034 | 0.11 |
| Boron | mg/L | 0.1 | 0.09 | 0.35 | 0.42 | 0.07 | 1.6 | 0.1 | 1.04 | 0.19 | 0.32 | 0.1 | 0.18 | 0.08 | 0.73 | 0.19 |
| Iron | mg/L | <0.05 | <0.05 | <0.05 | 7.52 | 1.9 | 0.64 | 0.55 | <0.05 | 2.78 | 1.16 | <0.05 | 1.51 | <0.05 | 0.32 | 1.22 |
| Mercury | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| Fluoride | mg/L | 0.2 | 0.1 | 5.4 | 1.1 | 0.2 | 0.1 | 0.2 | 0.3 | 0.2 | 1.8 | 0.2 | 0.3 | <0.1 | 0.3 | 0.2 |
| Ammonia as N | mg/L | 0.15 | 0.03 | 0.19 | 0.52 | 0.09 | <0.01 | 0.11 | <0.01 | 0.04 | 0.23 | 0.02 | <0.01 | <0.01 | 0.06 | <0.01 |
| Nitrite as N | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Nitrate as N | mg/L | 0.06 | 0.21 | <0.01 | 0.08 | <0.01 | <0.01 | <0.01 | 0.16 | <0.01 | 0.29 | 0.08 | <0.01 | 0.2 | 0.27 | 0.04 |
| Total Phosphorus as P | mg/L | 0.04 | <0.01 | 0.29 | 0.01 | <0.01 | 0.32 | <0.01 | <0.05 | 0.01 | 0.01 | 0.01 | 0.02 | <0.01 | 0.04 | 0.08 |
| Sulfide as S2- | mg/L | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0.9 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0.2 | <0.1 | <0.1 | <0.1 |
| C6 - C9 Fraction | µg/L | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 |
| C6 - C10 Fraction | µg/L | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 |
| >C10 - C40 Fraction (sum) | µg/L | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 | <100 |
| Sum of BTEX | µg/L | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |

| | Sample Type: | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG | REG |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Date: | 19/10/2020 | 19/10/2020 | 19/10/2020 | 19/10/2020 | 18/10/2020 | 18/10/2020 | 18/10/2020 | 18/10/2020 | 19/10/2020 | 19/10/2020 | 19/10/2020 | 19/10/2020 | 20/10/2020 | 20/10/2020 | 20/10/2020 |
| | Client sample ID (1st): | C19014SP | C19015SP | C919016SPR | C19018SP | C14024SP | C19004SP | C9849SPR | C833SP | Duplicate I | C19010SP | C19011SP | C19012SP | C19007SP | C006P3R | C007P2 |
| | Hydro-stratigraphic unit: | Clematis SSt | Dunda Beds | Rewan | Bandanna | Composite bor | Sub-E Seam | Colinlea SSt | Colinlea SSt | Duplicate I | Clematis SSt | Dunda Beds | Rewan | Dunda Beds | Colinlea SSt | Bandanna |
| **Analyte grouping/Analyte** | **Unit** | | | | | | | | | | | | | | | |
| pH Value | pH Unit | 8.18 | 8.23 | 8.54 | 12.2 | 6.66 | 8.77 | 7.72 | 10.1 | 8.44 | 8.4 | 8.39 | 12.4 | 8.5 | 8.12 | 7.53 |
| Electrical Conductivity @ 25°C | µS/cm | 653 | 706 | 842 | 9500 | 484 | 2640 | 2810 | 1190 | 750 | 594 | 755 | 20900 | 1280 | 1130 | 12900 |
| Total Dissolved Solids @180°C | mg/L | 360 | 389 | 510 | 3380 | 293 | 1480 | 1830 | 660 | 442 | 367 | 436 | 9540 | 750 | 720 | 9110 |
| Total Alkalinity as CaCO3 | mg/L | 140 | 144 | 204 | 1940 | 72 | 110 | 282 | 272 | 146 | 164 | 145 | 4640 | 158 | 420 | 259 |
| Sulfate as SO4 - Turbidimetric | mg/L | 1 | 1 | 28 | 140 | 12 | <1 | <1 | 2 | 1 | <1 | 1 | 98 | 18 | 6 | 356 |
| Chloride | mg/L | 119 | 142 | 131 | 256 | 104 | 789 | 809 | 205 | 171 | 104 | 167 | 869 | 343 | 140 | 4870 |
| Calcium | mg/L | 2 | 4 | 5 | 360 | 3 | 6 | 36 | 1 | 4 | 4 | 4 | 69 | 12 | 16 | 253 |
| Magnesium | mg/L | <1 | <1 | <1 | <1 | 6 | 2 | 19 | <1 | <1 | <1 | <1 | <1 | 3 | 3 | 261 |
| Sodium | mg/L | 129 | 140 | 177 | 530 | 82 | 535 | 558 | 221 | 166 | 131 | 161 | 2240 | 253 | 247 | 2320 |
| Potassium | mg/L | 8 | 5 | 3 | 421 | 8 | 7 | 20 | 50 | 4 | 6 | 4 | 836 | 7 | 5 | 37 |
| Aluminium | mg/L | <0.01 | 0.02 | 0.05 | 0.22 | <0.01 | <0.01 | <0.01 | 0.01 | 0.04 | 0.05 | 0.04 | 1.74 | 0.08 | <0.01 | <0.01 |
| Arsenic | mg/L | <0.001 | 0.001 | 0.003 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.001 | 0.001 | 0.001 | 0.006 | 0.002 | <0.001 | <0.001 |
| Cadmium | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | 0.0003 | <0.0001 | <0.0001 | <0.0001 |
| Chromium | mg/L | <0.001 | <0.001 | <0.001 | 0.191 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.594 | <0.001 | <0.001 | <0.001 |
| Cobalt | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Copper | mg/L | <0.001 | <0.001 | <0.001 | 0.014 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.217 | <0.001 | <0.001 | 0.002 |
| Lead | mg/L | <0.001 | <0.001 | <0.001 | 0.002 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.002 | <0.001 | <0.001 | <0.001 |
| Manganese | mg/L | 0.036 | 0.043 | 0.006 | <0.001 | 0.057 | 0.024 | 0.261 | <0.001 | 0.033 | 0.016 | 0.032 | 0.043 | 0.081 | 0.021 | 0.209 |
| Molybdenum | mg/L | 0.001 | <0.001 | 0.009 | 0.4 | 0.002 | 0.011 | <0.001 | 0.009 | 0.001 | <0.001 | <0.001 | 0.758 | 0.04 | 0.002 | <0.001 |
| Nickel | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.001 | <0.001 | <0.001 | <0.001 |
| Selenium | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Silver | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Uranium | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Vanadium | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.02 | <0.01 | <0.01 | <0.01 |
| Zinc | mg/L | <0.005 | <0.005 | <0.005 | 0.006 | 0.029 | <0.005 | <0.005 | <0.005 | 0.007 | <0.005 | <0.005 | <0.005 | 0.134 | 0.044 | 0.024 |
| Boron | mg/L | 0.1 | 0.1 | 0.06 | <0.05 | 0.12 | 0.4 | 0.2 | 0.18 | <0.05 | 0.11 | <0.05 | 0.09 | 0.08 | 0.16 | 0.65 |
| Iron | mg/L | 0.27 | <0.05 | <0.05 | 0.06 | <0.05 | <0.05 | 5.24 | <0.05 | <0.05 | <0.05 | <0.05 | 0.08 | <0.05 | 0.15 | 1.3 |
| Mercury | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | 0.0005 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0001 | <0.0001 | <0.0001 |
| Fluoride | mg/L | 0.3 | 0.4 | 0.3 | 1.5 | 0.1 | 3.1 | 0.3 | 1.4 | 0.2 | 0.3 | 0.4 | 2.1 | 0.4 | 2.3 | 0.5 |
| Ammonia as N | mg/L | 0.2 | 0.02 | 0.36 | 2.16 | 0.06 | 0.44 | 0.11 | 0.6 | 0.26 | 0.16 | 0.23 | 1.01 | 0.44 | 0.29 | 0.75 |
| Nitrite as N | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.02 | <0.01 | <0.01 | <0.01 |
| Nitrate as N | mg/L | <0.01 | <0.01 | <0.01 | 0.02 | 0.06 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | 0.03 | <0.01 | <0.01 | <0.01 |
| Total Phosphorus as P | mg/L | 0.21 | 0.03 | 0.01 | 0.01 | <0.01 | 0.02 | 0.03 | <0.01 | 0.01 | 0.21 | 0.03 | 0.94 | <0.05 | 0.02 | <0.05 |
| Sulfide as S2- | mg/L | <0.1 | <0.1 | 0.4 | <0.1 | <0.1 | <0.1 | <0.1 | 1 | <0.1 | <0.1 | <0.1 | <0.1 | 1.3 | 0.4 | <0.1 |
| C6 - C9 Fraction | µg/L | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 |
| C6 - C10 Fraction | µg/L | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 | <20 |
| >C10 - C40 Fraction (sum) | µg/L | <100 | <100 | <100 | 250 | <100 | 110 | <100 | <100 | <100 | <100 | <100 | 630 | <100 | <100 | <100 |
| Sum of BTEX | µg/L | <1 | <1 | 4 | <1 | <1 | 5 | <1 | <1 | <1 | <1 | <1 | 3 | <1 | <1 | <1 |

| | Sample Type: | REG | REG | REG | REG | REG |
|---|---|---|---|---|---|---|
| | Sample Date: | 20/10/2020 | 20/10/2020 | 20/10/2020 | 20/10/2020 | 20/10/2020 |
| Client sample ID (1st): | | C19026SP | C655P1 | C008P1 | C008P2 | Duplicate J |
| Hydro-stratigraphic unit: | | Colinlea SSt (use C007P3 trigg | | Rewan | Bandanna | Duplicate J |
| **Analyte grouping/Analyte** | **Unit** | | | | | |
| pH Value | pH Unit | **8.14** | **7.4** | **7.06** | **7.98** | **8.19** |
| Electrical Conductivity @ 25°C | µS/cm | **835** | **770** | **20300** | **2750** | **859** |
| Total Dissolved Solids @180°C | mg/L | **588** | **424** | **15500** | **1600** | **522** |
| Total Alkalinity as CaCO3 | mg/L | **440** | **141** | **335** | **417** | **418** |
| Sulfate as SO4 - Turbidimetric | mg/L | <1 | <1 | **219** | **90** | <1 |
| Chloride | mg/L | **37** | **183** | **7780** | **662** | **33** |
| Calcium | mg/L | **9** | **6** | **426** | **28** | **9** |
| Magnesium | mg/L | **2** | **8** | **398** | **17** | **2** |
| Sodium | mg/L | **205** | **140** | **3770** | **575** | **214** |
| Potassium | mg/L | **4** | **7** | **86** | **8** | **4** |
| Aluminium | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Arsenic | mg/L | <0.001 | **0.003** | **0.003** | <0.001 | <0.001 |
| Cadmium | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| Chromium | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Cobalt | mg/L | <0.001 | **0.001** | **0.007** | <0.001 | <0.001 |
| Copper | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Lead | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Manganese | mg/L | **0.014** | **0.218** | **1.89** | **0.058** | **0.014** |
| Molybdenum | mg/L | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Nickel | mg/L | <0.001 | <0.001 | **0.01** | <0.001 | <0.001 |
| Selenium | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Silver | mg/L | <0.001 | <0.001 | **0.001** | <0.001 | <0.001 |
| Uranium | mg/L | <0.001 | <0.001 | **0.014** | <0.001 | <0.001 |
| Vanadium | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Zinc | mg/L | <0.005 | **0.013** | **0.052** | **0.022** | <0.005 |
| Boron | mg/L | **0.16** | **0.28** | **1.24** | **0.31** | **0.18** |
| Iron | mg/L | <0.05 | **1.63** | **1.04** | <0.05 | <0.05 |
| Mercury | mg/L | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| Fluoride | mg/L | **2.2** | **0.6** | **0.3** | **0.7** | **2.1** |
| Ammonia as N | mg/L | **0.31** | **0.09** | **0.88** | **1.21** | **0.3** |
| Nitrite as N | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Nitrate as N | mg/L | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Total Phosphorus as P | mg/L | **0.02** | **0.09** | **0.11** | **0.02** | **0.02** |
| Sulfide as S2- | mg/L | <0.1 | <0.1 | <0.1 | **2.2** | <0.1 |
| C6 - C9 Fraction | µg/L | <20 | <20 | <20 | <20 | <20 |
| C6 - C10 Fraction | µg/L | <20 | <20 | <20 | <20 | <20 |
| >C10 - C40 Fraction (sum) | µg/L | <100 | <100 | **200** | <100 | <100 |
| Sum of BTEX | µg/L | <1 | <1 | <1 | <1 | <1 |