

Pollutant Monitoring Results - Groundwater



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|---------------------------|--|
| EPL No: | 4068 |
| Entity Name: | Elizabeth Drive Landfill |
| Site: | 1725 Elizabeth Drive, KEMPS CREEK, NSW, 2178 |
| Monitoring Frequency: | Quarterly |
| Link to NSW EPA Register: | Click Here |

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| Location Name | EPA Monitoring Point No. | Pollutant | Unit of measure | Frequency | EPL Limit | 13/03/2024 | 1/06/2024 | 19/09/2024 | - | Exceedance (Y/N) | No. of samples required by licence | No. of samples collected and analysed | Lowest Sample Value | Mean Sample Value | Highest Sample Value | Comments |
|---------------|------------------------------|-----------------------------------|-----------------|-----------|-----------|------------|-----------|------------|-----|------------------|------------------------------------|---------------------------------------|---------------------|-------------------|----------------------|----------|
| G1a | 16 | Alkalinity (as calcium carbonate) | mg/L | 6 Monthly | n/a | 1200 | | 1100 | | n/a | 2 | 3 | 1100 | 1150 | 1200 | |
| | 16 | Aluminium | mg/L | Annually | n/a | | | <0.01 | | n/a | 1 | 1 | 0 | <0.01 | 0 | |
| | 16 | Arsenic | mg/L | Annually | n/a | | | <0.001 | | n/a | 1 | 1 | 0 | <0.001 | 0 | |
| | 16 | Barium | mg/L | Annually | n/a | | | 0.026 | | n/a | 1 | 1 | 0.026 | 0.026 | 0.026 | |
| | 16 | Benzene | mg/L | Annually | n/a | | | <0.001 | | n/a | 1 | 1 | <0.001 | <0.001 | <0.001 | |
| | 16 | Cadmium | mg/L | Annually | n/a | | | <0.0001 | | n/a | 1 | 1 | <0.0001 | <0.0001 | <0.0001 | |
| | 16 | Calcium | mg/L | 6 Monthly | n/a | 72 | | 67 | | n/a | 2 | 3 | 67 | 70 | 72 | |
| | 16 | Chloride | mg/L | 6 Monthly | n/a | 2000 | | 2100 | | n/a | 2 | 3 | 2000 | 2050 | 2100 | |
| | 16 | Chromium | mg/L | Annually | n/a | | | <0.001 | | n/a | 1 | 1 | <0.001 | <0.001 | <0.001 | |
| | 16 | Conductivity | µS/cm | 6 Monthly | n/a | 8730 | 7437 | 8871 | | n/a | 2 | 3 | 7437 | 8346 | 8871 | |
| | 16 | Copper | mg/L | Annually | n/a | | | 0.019 | | n/a | 1 | 1 | 0 | 0 | 0 | |
| | 16 | Dissolved Oxygen | mg/L | 6 Monthly | n/a | 1.2 | 0.83 | 4.52 | | n/a | 2 | 3 | 0.830 | 2.183 | 4.520 | |
| | 16 | Fluoride | mg/L | 6 Monthly | n/a | 0.5 | | 0.5 | | n/a | 2 | 3 | 0.500 | 0.500 | 0.500 | |
| | 16 | Iron | mg/L | Annually | n/a | | | 0.11 | | n/a | 1 | 1 | 0.110 | 0.110 | 0.110 | |
| | 16 | Lead | mg/L | Annually | n/a | | | <0.001 | | n/a | 1 | 1 | <0.001 | <0.001 | <0.001 | |
| | 16 | Magnesium | mg/L | 6 Monthly | n/a | 220 | | 210 | | n/a | 2 | 3 | 210 | 215 | 220 | |
| | 16 | Manganese | mg/L | Annually | n/a | | | 0.051 | | n/a | 1 | 1 | 0.051 | 0.051 | 0.051 | |
| | 16 | Mercury | mg/L | Annually | n/a | | | * | | n/a | 1 | 1 | 0 | #DIV/0! | 0 | |
| | 16 | Nickel | mg/L | Annually | n/a | | | <0.001 | | n/a | 1 | 1 | <0.001 | <0.001 | <0.001 | |
| | 16 | Nitrate | mg/L | 6 Monthly | n/a | <0.005 | | 0.02 | | n/a | 2 | 3 | 0.020 | 0.020 | 0.020 | |
| | 16 | Nitrite | mg/L | 6 Monthly | n/a | <0.005 | | 0.013 | | n/a | 2 | 3 | 0.013 | 0.013 | 0.013 | |
| | 16 | Nitrogen (ammonia) | mg/L | Quarterly | 15 | 0.46 | 0.51 | 0.57 | | N | 4 | 3 | 0.460 | 0.513 | 0.570 | |
| | 16 | Nitrogen (Total) | mg/L | 6 Monthly | n/a | 0.7 | | 0.8 | | n/a | 2 | 3 | 0.700 | 0.750 | 0.800 | |
| | 16 | pH | pH Unit | 6 Monthly | n/a | 5.81 | 7.01 | 7.02 | | n/a | 2 | 3 | 5.810 | 6.613 | 7.020 | |
| | 16 | Phenols | mg/L | 6 Monthly | n/a | <0.05 | | <0.05 | | n/a | 2 | 3 | <0.05 | <0.05 | <0.05 | |
| | 16 | Phosphorus (Total) | mg/L | 6 Monthly | n/a | 0.68 | | 1.3 | | n/a | 2 | 3 | 0.680 | 0.990 | 1.300 | |
| | 16 | Polycyclic Aromatic Hydrocarbons | mg/L | 6 Monthly | n/a | 0.0001 | | 0.0001 | | n/a | 2 | 2 | 0.0001 | 0.0001 | 0.0001 | |
| | 16 | Potassium | mg/L | 6 Monthly | n/a | 13 | | 12 | | n/a | 2 | 3 | 12.0 | 12.5 | 13.0 | |
| | 16 | Redox potential | mV | 6 Monthly | n/a | -89 | 1259 | 191 | | n/a | 2 | 3 | -89 | 454 | 1259 | |
| | 16 | Selenium | mg/L | 6 Monthly | n/a | <0.001 | | <0.001 | | n/a | 2 | 3 | <0.001 | <0.001 | <0.001 | |
| 16 | Silver | mg/L | 6 Monthly | n/a | <0.001 | | <0.001 | | n/a | 2 | 3 | <0.001 | <0.001 | <0.001 | | |
| 16 | Sodium | mg/L | 6 Monthly | n/a | 1600 | | 1400 | | n/a | 2 | 3 | 1400 | 1500 | 1600 | | |
| 16 | Standing Water Level | Metres | Quarterly | n/a | 17.08 | 15.71 | 16.6 | | n/a | 4 | 3 | 16 | 16 | 17 | | |
| 16 | Sulfate | mg/L | 6 Monthly | n/a | 440 | | 450 | | n/a | 2 | 3 | 440 | 445 | 450 | | |
| 16 | Total organic carbon | mg/L | Quarterly | n/a | 270 | 9 | 3 | | n/a | 4 | 3 | 3 | 94 | 270 | | |
| 16 | Total Petroleum Hydrocarbons | mg/L | 6 Monthly | n/a | <0.01 | | <0.01 | | n/a | 2 | 3 | <0.01 | <0.01 | <0.01 | | |
| 16 | Zinc | mg/L | Annually | n/a | | | 0.005 | | n/a | 1 | 3 | 0.005 | 0.005 | 0.005 | | |
| | 17 | Alkalinity (as calcium carbonate) | mg/L | 6 Monthly | n/a | 890 | | 930 | | n/a | 2 | 3 | 890 | 910 | 930 | |
| | 17 | Aluminium | mg/L | Annually | n/a | | | <0.01 | | n/a | 1 | 1 | <0.01 | <0.01 | <0.01 | |
| | 17 | Arsenic | mg/L | Annually | n/a | | | <0.001 | | n/a | 1 | 1 | <0.001 | <0.001 | <0.001 | |
| | 17 | Barium | mg/L | Annually | n/a | | | 44 | | n/a | 1 | 1 | 44 | 44 | 44 | |
| | 17 | Benzene | mg/L | Annually | n/a | | | 0.002 | | n/a | 1 | 1 | 0.002 | 0.002 | 0.002 | |
| | 17 | Cadmium | mg/L | Annually | n/a | | | <0.0001 | | n/a | 1 | 1 | <0.0001 | <0.0001 | <0.0001 | |
| | 17 | Calcium | mg/L | 6 Monthly | n/a | 420 | | 380 | | n/a | 2 | 3 | 380 | 400 | 420 | |
| | 17 | Chloride | mg/L | 6 Monthly | n/a | 5600 | | 6100 | | n/a | 2 | 3 | 5600 | 5850 | 6100 | |
| | 17 | Chromium | mg/L | Annually | n/a | | | 0.002 | | n/a | 1 | 1 | 0.002 | 0.002 | 0.002 | |
| | 17 | Conductivity | µS/cm | 6 Monthly | n/a | 18023 | 14955 | 18450 | | n/a | 2 | 3 | 14955 | 17143 | 18450 | |
| | 17 | Copper | mg/L | Annually | n/a | | | 0.015 | | n/a | 1 | 1 | 0.015 | 0.015 | 0.015 | |
| | 17 | Dissolved Oxygen | mg/L | 6 Monthly | n/a | 0.41 | 0.48 | 3.04 | | n/a | 2 | 3 | 0.41 | 1.31 | 3.04 | |
| | 17 | Fluoride | mg/L | 6 Monthly | n/a | 0.2 | | 0.2 | | n/a | 2 | 3 | 0.20 | 0.20 | 0.20 | |
| | 17 | Iron | mg/L | Annually | n/a | | | 0.09 | | n/a | 1 | 1 | 0.09 | 0.09 | 0.09 | |
| | 17 | Lead | mg/L | Annually | n/a | | | <0.001 | | n/a | 1 | 1 | <0.001 | <0.001 | <0.001 | |
| | 17 | Magnesium | mg/L | 6 Monthly | n/a | 350 | | 330 | | n/a | 2 | 3 | 330 | 340 | 350 | |
| | 17 | Manganese | mg/L | Annually | n/a | | | 0.22 | | n/a | 1 | 1 | 0.22 | 0.22 | 0.22 | |
| 17 | Mercury | mg/L | Annually | n/a | | | * | | n/a | 1 | 1 | 0 | #DIV/0! | 0 | | |

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|---------------|------------------------------|-----------------------------------|-----------------|-----------|-----------|------------|-----------|------------|-----|------------------|------------------------------------|---------------------------------------|---------------------|-------------------|----------------------|----------|
| G3a | 17 | Nickel | mg/L | Annually | n/a | | | 0.001 | | n/a | 1 | 1 | 0.001 | 0.001 | 0.001 | |
| | 17 | Nitrate | mg/L | 6 Monthly | n/a | <0.005 | | 0.02 | | n/a | 2 | 3 | <0.005 | 0.02 | 0.02 | |
| | 17 | Nitrite | mg/L | 6 Monthly | n/a | <0.005 | | <0.005 | | n/a | 2 | 3 | <0.005 | <0.005 | <0.005 | |
| | 17 | Nitrogen (ammonia) | mg/L | Quarterly | 15 | 6 | 6.1 | 7.7 | | N | 4 | 3 | 6.00 | 6.60 | 7.70 | |
| | 17 | Nitrogen (Total) | mg/L | 6 Monthly | n/a | 6.6 | | 8.2 | | n/a | 2 | 3 | 6.60 | 7.40 | 8.20 | |
| | 17 | pH | pH Unit | 6 Monthly | n/a | 6.46 | 6.69 | 6.69 | | n/a | 2 | 3 | 6.46 | 6.61 | 6.69 | |
| | 17 | Phenols | mg/L | 6 Monthly | n/a | <0.05 | | <0.05 | | n/a | 2 | 3 | <0.05 | <0.05 | <0.05 | |
| | 17 | Phosphorus (Total) | mg/L | 6 Monthly | n/a | <0.05 | | <0.05 | | n/a | 2 | 3 | <0.05 | <0.05 | <0.05 | |
| | 17 | Polycyclic Aromatic Hydrocarbons | mg/L | 6 Monthly | n/a | 0.0002 | | 0.0002 | | n/a | 2 | 2 | 0.0002 | 0.0002 | 0.0002 | |
| | 17 | Potassium | mg/L | 6 Monthly | n/a | 63 | | 66 | | n/a | 2 | 3 | 63 | 65 | 66 | |
| | 17 | Redox potential | mV | 6 Monthly | n/a | -187 | 71.8 | -118 | | n/a | 2 | 3 | -187 | -78 | 72 | |
| | 17 | Selenium | mg/L | 6 Monthly | n/a | <0.001 | | <0.001 | | n/a | 2 | 3 | <0.001 | <0.001 | <0.001 | |
| | 17 | Silver | mg/L | 6 Monthly | n/a | <0.001 | | <0.001 | | n/a | 2 | 3 | <0.001 | <0.001 | <0.001 | |
| | 17 | Sodium | mg/L | 6 Monthly | n/a | 3300 | | 2900 | | n/a | 2 | 3 | 2900 | 3100 | 3300 | |
| | 17 | Standing Water Level | Metres | Quarterly | n/a | 13.5 | 13.4 | 5.56 | | n/a | 4 | 3 | 5.56 | 10.82 | 13.50 | |
| | 17 | Sulfate | mg/L | 6 Monthly | n/a | 5 | | 3 | | n/a | 2 | 3 | 3 | 4 | 5 | |
| | 17 | Total organic carbon | mg/L | Quarterly | n/a | 140 | 5 | 4 | | n/a | 4 | 3 | 4 | 50 | 140 | |
| 17 | Total Petroleum Hydrocarbons | mg/L | 6 Monthly | n/a | <0.1 | | <0.01 | | n/a | 2 | 3 | <0.01 | <0.01 | <0.01 | | |
| 17 | Zinc | mg/L | Annually | n/a | | | 0.018 | | n/a | 1 | 3 | 0.018 | 0.018 | 0.018 | | |
| G4a | 18 | Alkalinity (as calcium carbonate) | mg/L | 6 Monthly | n/a | 900 | | 870 | | n/a | 2 | 3 | 870 | 885 | 900 | |
| | 18 | Aluminium | mg/L | Annually | n/a | | | <0.01 | | n/a | 1 | 2 | <0.01 | <0.01 | <0.01 | |
| | 18 | Arsenic | mg/L | Annually | n/a | | | <0.001 | | n/a | 1 | 2 | <0.001 | <0.001 | <0.001 | |
| | 18 | Barium | mg/L | Annually | n/a | | | 0.076 | | n/a | 1 | 2 | 0.076 | 0.076 | 0.076 | |
| | 18 | Benzene | mg/L | Annually | n/a | | | <0.001 | | n/a | 1 | 2 | <0.001 | <0.001 | <0.001 | |
| | 18 | Cadmium | mg/L | Annually | n/a | | | <0.0001 | | n/a | 1 | 2 | <0.0001 | <0.0001 | <0.0001 | |
| | 18 | Calcium | mg/L | 6 Monthly | n/a | 260 | | 270 | | n/a | 2 | 3 | 260 | 265 | 270 | |
| | 18 | Chloride | mg/L | 6 Monthly | n/a | 8100 | | 9200 | | n/a | 2 | 3 | 8100 | 8650 | 9200 | |
| | 18 | Chromium | mg/L | Annually | n/a | | | <0.001 | | n/a | 1 | 2 | <0.001 | <0.001 | <0.001 | |
| | 18 | Conductivity | µS/cm | 6 Monthly | n/a | 5841 | 21147 | 27251 | | n/a | 2 | 3 | 5841 | 18080 | 27251 | |
| | 18 | Copper | mg/L | Annually | n/a | | | 0.013 | | n/a | 1 | 2 | 0.0 | 0.0 | 0.0 | |
| | 18 | Dissolved Oxygen | mg/L | 6 Monthly | n/a | 8.22 | 1.57 | 2.12 | | n/a | 2 | 3 | 1.6 | 4.0 | 8.2 | |
| | 18 | Fluoride | mg/L | 6 Monthly | n/a | 0.5 | | 0.5 | | n/a | 2 | 3 | 0.5 | 0.5 | 0.5 | |
| | 18 | Iron | mg/L | Annually | n/a | | | 1.4 | | n/a | 1 | 2 | 1.4 | 1.4 | 1.4 | |
| | 18 | Lead | mg/L | Annually | n/a | | | 0.001 | | n/a | 1 | 2 | 0.001 | 0.001 | 0.001 | |
| | 18 | Magnesium | mg/L | 6 Monthly | n/a | 760 | | 730 | | n/a | 2 | 3 | 730 | 745 | 760 | |
| | 18 | Manganese | mg/L | Annually | n/a | | | 0.21 | | n/a | 1 | 2 | 0.21 | 0.21 | 0.21 | |
| | 18 | Mercury | mg/L | Annually | n/a | | | * | | n/a | 1 | 2 | 0 | #DIV/0! | 0 | |
| | 18 | Nickel | mg/L | Annually | n/a | | | <0.001 | | n/a | 1 | 2 | <0.001 | <0.001 | <0.001 | |
| | 18 | Nitrate | mg/L | 6 Monthly | n/a | <0.005 | | <0.005 | | n/a | 2 | 3 | <0.005 | <0.005 | <0.005 | |
| | 18 | Nitrite | mg/L | 6 Monthly | n/a | <0.005 | | <0.005 | | n/a | 2 | 3 | <0.005 | <0.005 | <0.005 | |
| | 18 | Nitrogen (ammonia) | mg/L | Quarterly | 15 | 2.8 | 3 | 3.9 | | N | 4 | 3 | 2.80 | 3.23 | 3.90 | |
| | 18 | Nitrogen (Total) | mg/L | 6 Monthly | n/a | 3 | | 4.2 | | n/a | 2 | 3 | 3.00 | 3.60 | 4.20 | |
| | 18 | pH | pH Unit | 6 Monthly | n/a | 6.95 | 6.67 | 6.64 | | n/a | 2 | 3 | 6.64 | 6.75 | 6.95 | |
| | 18 | Phenols | mg/L | 6 Monthly | n/a | <0.05 | | <0.05 | | n/a | 2 | 3 | <0.05 | <0.05 | <0.05 | |
| | 18 | Phosphorus (Total) | mg/L | 6 Monthly | n/a | <0.05 | | 0.05 | | n/a | 2 | 3 | 0.05 | 0.05 | 0.05 | |
| | 18 | Polycyclic Aromatic Hydrocarbons | mg/L | 6 Monthly | n/a | <0.0001 | | <0.0001 | | n/a | 2 | 3 | <0.0001 | <0.0001 | <0.0001 | |
| | 18 | Potassium | mg/L | 6 Monthly | n/a | 50 | | 55 | | n/a | 2 | 3 | 50 | 53 | 55 | |
| | 18 | Redox potential | mV | 6 Monthly | n/a | -202 | 91.9 | 164 | | n/a | 2 | 3 | -202 | 18 | 164 | |
| | 18 | Selenium | mg/L | 6 Monthly | n/a | <0.001 | | <0.001 | | n/a | 2 | 3 | <0.001 | <0.001 | <0.001 | |
| | 18 | Silver | mg/L | 6 Monthly | n/a | <0.001 | | <0.001 | | n/a | 2 | 3 | <0.001 | <0.001 | <0.001 | |
| | 18 | Sodium | mg/L | 6 Monthly | n/a | 5200 | | 4900 | | n/a | 2 | 3 | 4900 | 5050 | 5200 | |
| | 18 | Standing Water Level | Metres | Quarterly | n/a | 1.5 | 6.75 | 1.86 | | n/a | 4 | 3 | 1.50 | 3.37 | 6.75 | |
| 18 | Sulfate | mg/L | 6 Monthly | n/a | 620 | | 680 | | n/a | 2 | 3 | 620 | 650 | 680 | | |
| 18 | Total organic carbon | mg/L | Quarterly | n/a | 130 | 6 | 2 | | n/a | 4 | 3 | 2 | 46 | 130 | | |
| 18 | Total Petroleum Hydrocarbons | mg/L | 6 Monthly | n/a | <0.1 | | <0.1 | | n/a | 2 | 3 | <0.1 | <0.1 | <0.1 | | |
| 18 | Zinc | mg/L | Annually | n/a | | | 0.002 | | n/a | 1 | 3 | 0.002 | 0.002 | 0.002 | | |
| | 19 | Alkalinity (as calcium carbonate) | mg/L | 6 Monthly | n/a | 770 | | 720 | | n/a | 2 | 3 | 720 | 745 | 770 | |
| | 19 | Aluminium | mg/L | Annually | n/a | | | 0.02 | | n/a | 1 | 1 | 0.02 | 0.02 | 0.02 | |
| | 19 | Arsenic | mg/L | Annually | n/a | | | <0.001 | | n/a | 1 | 1 | <0.001 | <0.001 | <0.001 | |
| | 19 | Barium | mg/L | Annually | n/a | | | 0.03 | | n/a | 1 | 1 | 0.03 | 0.03 | 0.03 | |
| | 19 | Benzene | mg/L | Annually | n/a | | | <0.001 | | n/a | 1 | 1 | <0.001 | <0.001 | <0.001 | |
| | 19 | Cadmium | mg/L | Annually | n/a | | | <0.0001 | | n/a | 1 | 1 | <0.0001 | <0.0001 | <0.0001 | |
| | 19 | Calcium | mg/L | 6 Monthly | n/a | 97 | | 75 | | n/a | 2 | 3 | 75 | 86 | 97 | |
| | 19 | Chloride | mg/L | 6 Monthly | n/a | 3400 | | 3600 | | n/a | 2 | 3 | 3400 | 3500 | 3600 | |
| | 19 | Chromium | mg/L | Annually | n/a | | | 0.001 | | n/a | 1 | 1 | 0.001 | 0.001 | 0.001 | |
| | 19 | Conductivity | µS/cm | 6 Monthly | n/a | 3289 | 9419 | 12520 | | n/a | 2 | 3 | 3289 | 8409 | 12520 | |
| | 19 | Copper | mg/L | Annually | n/a | | | 0.016 | | n/a | 1 | 1 | 0.016 | 0.016 | 0.016 | |
| | 19 | Dissolved Oxygen | mg/L | 6 Monthly | n/a | 7.89 | 3.16 | 8.84 | | n/a | 2 | 3 | 3.16 | 6.63 | 8.84 | |

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|---------------|------------------------------|-----------------------------------|-----------------|-----------|-----------|------------|-----------|------------|-----|------------------|------------------------------------|---------------------------------------|---------------------|-------------------|----------------------|----------|
| G5 | 19 | Fluoride | mg/L | 6 Monthly | n/a | 0.5 | | 0.4 | | n/a | 2 | 3 | 0.40 | 0.45 | 0.50 | |
| | 19 | Iron | mg/L | Annually | n/a | | | 0.01 | | n/a | 1 | 1 | 0.01 | 0.01 | 0.01 | |
| | 19 | Lead | mg/L | Annually | n/a | | | <0.001 | | n/a | 1 | 1 | <0.001 | <0.001 | <0.001 | |
| | 19 | Magnesium | mg/L | 6 Monthly | n/a | 210 | | 200 | | n/a | 2 | 3 | 200 | 205 | 210 | |
| | 19 | Manganese | mg/L | Annually | n/a | | | <0.005 | | n/a | 1 | 1 | <0.005 | <0.005 | <0.005 | |
| | 19 | Mercury | mg/L | Annually | n/a | | | * | | n/a | 1 | 1 | 0 | #DIV/0! | 0 | |
| | 19 | Nickel | mg/L | Annually | n/a | | | 0.002 | | n/a | 1 | 1 | 0.00 | 0.00 | 0.00 | |
| | 19 | Nitrate | mg/L | 6 Monthly | n/a | 0.43 | | 0.03 | | n/a | 2 | 3 | 0.03 | 0.23 | 0.43 | |
| | 19 | Nitrite | mg/L | 6 Monthly | n/a | 0.07 | | 0.012 | | n/a | 2 | 3 | 0.01 | 0.04 | 0.07 | |
| | 19 | Nitrogen (ammonia) | mg/L | Quarterly | 15 | 0.23 | 0.2 | 0.2 | | N | 4 | 3 | 0.20 | 0.21 | 0.23 | |
| | 19 | Nitrogen (Total) | mg/L | 6 Monthly | n/a | 0.8 | | 0.5 | | n/a | 2 | 3 | 0.50 | 0.65 | 0.80 | |
| | 19 | pH | pH Unit | 6 Monthly | n/a | 7.96 | 7.18 | 8.3 | | n/a | 2 | 3 | 7.18 | 7.81 | 8.30 | |
| | 19 | Phenols | mg/L | 6 Monthly | n/a | <0.05 | | <0.05 | | n/a | 2 | 3 | <0.05 | <0.05 | <0.05 | |
| | 19 | Phosphorus (Total) | mg/L | 6 Monthly | n/a | 1 | | 0.1 | | n/a | 2 | 3 | 0.1 | 0.6 | 1.0 | |
| | 19 | Polycyclic Aromatic Hydrocarbons | mg/L | 6 Monthly | n/a | <0.0001 | | <0.0001 | | n/a | 2 | 2 | <0.0001 | <0.0001 | <0.0001 | |
| | 19 | Potassium | mg/L | 6 Monthly | n/a | 14 | | 8 | | n/a | 2 | 3 | 8 | 11 | 14 | |
| | 19 | Redox potential | mV | 6 Monthly | n/a | -70 | 99.2 | 152 | | n/a | 2 | 3 | -70.0 | 60.4 | 152.0 | |
| | 19 | Selenium | mg/L | 6 Monthly | n/a | <0.001 | | <0.001 | | n/a | 2 | 3 | <0.001 | <0.001 | <0.001 | |
| | 19 | Silver | mg/L | 6 Monthly | n/a | <0.001 | | <0.001 | | n/a | 2 | 3 | <0.001 | <0.001 | <0.001 | |
| | 19 | Sodium | mg/L | 6 Monthly | n/a | 2500 | | 2200 | | n/a | 2 | 3 | 2200 | 2350 | 2500 | |
| 19 | Standing Water Level | Metres | Quarterly | n/a | 3.99 | 6.84 | 8.74 | | n/a | 4 | 3 | 3.99 | 6.52 | 8.74 | | |
| 19 | Sulfate | mg/L | 6 Monthly | n/a | 610 | | 660 | | n/a | 2 | 3 | 610 | 635 | 660 | | |
| 19 | Total organic carbon | mg/L | Quarterly | n/a | 130 | 7 | 5 | | n/a | 4 | 3 | 5 | 47 | 130 | | |
| 19 | Total Petroleum Hydrocarbons | mg/L | 6 Monthly | n/a | <0.01 | | <0.01 | | n/a | 2 | 3 | <0.01 | <0.01 | <0.01 | | |
| 19 | Zinc | mg/L | Annually | n/a | | | 0.004 | | n/a | 1 | 3 | 0.004 | 0.004 | 0.004 | | |
| G6 | 20 | Alkalinity (as calcium carbonate) | mg/L | 6 Monthly | n/a | 400 | | 480 | | n/a | 2 | 3 | 400 | 440 | 480 | |
| | 20 | Aluminium | mg/L | Annually | n/a | | | 0.02 | | n/a | 1 | 2 | 0.02 | 0.02 | 0.02 | |
| | 20 | Arsenic | mg/L | Annually | n/a | | | 0.007 | | n/a | 1 | 2 | 0.007 | 0.007 | 0.007 | |
| | 20 | Barium | mg/L | Annually | n/a | | | 0.083 | | n/a | 1 | 2 | 0.083 | 0.083 | 0.083 | |
| | 20 | Benzene | mg/L | Annually | n/a | | | <0.001 | | n/a | 1 | 2 | <0.001 | <0.001 | <0.001 | |
| | 20 | Cadmium | mg/L | Annually | n/a | | | <0.0001 | | n/a | 1 | 2 | <0.0001 | <0.0001 | <0.0001 | |
| | 20 | Calcium | mg/L | 6 Monthly | n/a | 130 | | 140 | | n/a | 2 | 3 | 130 | 135 | 140 | |
| | 20 | Chloride | mg/L | 6 Monthly | n/a | 4000 | | 4100 | | n/a | 2 | 3 | 4000 | 4050 | 4100 | |
| | 20 | Chromium | mg/L | Annually | n/a | | | <0.001 | | n/a | 1 | 2 | <0.001 | <0.001 | <0.001 | |
| | 20 | Conductivity | µS/cm | 6 Monthly | n/a | 12754 | 10819 | 14017 | | n/a | 2 | 3 | 10819 | 12530 | 14017 | |
| | 20 | Copper | mg/L | Annually | n/a | | | 0.01 | | n/a | 1 | 2 | 0.01 | 0.01 | 0.01 | |
| | 20 | Dissolved Oxygen | mg/L | 6 Monthly | n/a | 0.47 | 0.96 | 3.35 | | n/a | 2 | 3 | 0.47 | 1.59 | 3.35 | |
| | 20 | Fluoride | mg/L | 6 Monthly | n/a | 0.2 | | 0.3 | | n/a | 2 | 3 | 0.20 | 0.25 | 0.30 | |
| | 20 | Iron | mg/L | Annually | n/a | | | 6.3 | | n/a | 1 | 2 | 6.30 | 6.30 | 6.30 | |
| | 20 | Lead | mg/L | Annually | n/a | | | <0.001 | | n/a | 1 | 2 | <0.001 | <0.001 | <0.001 | |
| | 20 | Magnesium | mg/L | 6 Monthly | n/a | 260 | | 240 | | n/a | 2 | 3 | 240 | 250 | 260 | |
| | 20 | Manganese | mg/L | Annually | n/a | | | 0.31 | | n/a | 1 | 2 | 0.31 | 0.31 | 0.31 | |
| | 20 | Mercury | mg/L | Annually | n/a | | | * | | n/a | 1 | 2 | 0 | #DIV/0! | 0 | |
| | 20 | Nickel | mg/L | Annually | n/a | | | 0.003 | | n/a | 1 | 2 | 0.00 | 0.00 | 0.00 | |
| | 20 | Nitrate | mg/L | 6 Monthly | n/a | 0.01 | | <0.005 | | n/a | 2 | 3 | 0.01 | 0.01 | 0.01 | |
| | 20 | Nitrite | mg/L | 6 Monthly | n/a | <0.005 | | <0.005 | | n/a | 2 | 3 | <0.005 | <0.005 | <0.005 | |
| | 20 | Nitrogen (ammonia) | mg/L | Quarterly | 15 | 1 | 2.2 | 3.5 | | N | 4 | 3 | 1.00 | 2.23 | 3.50 | |
| | 20 | Nitrogen (Total) | mg/L | 6 Monthly | n/a | 1.3 | | 4.3 | | n/a | 2 | 3 | 1.30 | 2.80 | 4.30 | |
| | 20 | pH | pH Unit | 6 Monthly | n/a | 6.38 | 6.46 | 6.83 | | n/a | 2 | 3 | 6.38 | 6.56 | 6.83 | |
| | 20 | Phenols | mg/L | 6 Monthly | n/a | <0.05 | | <0.05 | | n/a | 2 | 3 | <0.05 | <0.05 | <0.05 | |
| | 20 | Phosphorus (Total) | mg/L | 6 Monthly | n/a | <0.05 | | <0.05 | | n/a | 2 | 3 | <0.05 | <0.05 | <0.05 | |
| | 20 | Polycyclic Aromatic Hydrocarbons | mg/L | 6 Monthly | n/a | <0.0001 | | <0.0001 | | n/a | 2 | 3 | <0.0001 | <0.0001 | <0.0001 | |
| | 20 | Potassium | mg/L | 6 Monthly | n/a | 22 | | 30 | | n/a | 2 | 3 | 22 | 26 | 30 | |
| | 20 | Redox potential | mV | 6 Monthly | n/a | -145 | 1341 | 32.5 | | n/a | 2 | 3 | -145 | 410 | 1341 | |
| | 20 | Selenium | mg/L | 6 Monthly | n/a | <0.001 | | <0.001 | | n/a | 2 | 3 | <0.001 | <0.001 | <0.001 | |
| 20 | Silver | mg/L | 6 Monthly | n/a | <0.001 | | <0.001 | | n/a | 2 | 3 | <0.001 | <0.001 | <0.001 | | |
| 20 | Sodium | mg/L | 6 Monthly | n/a | 2500 | | 2200 | | n/a | 2 | 3 | 2200 | 2350 | 2500 | | |
| 20 | Standing Water Level | Metres | Quarterly | n/a | 1.75 | 2.26 | 2.3 | | n/a | 4 | 3 | 1.8 | 2.1 | 2.3 | | |
| 20 | Sulfate | mg/L | 6 Monthly | n/a | 380 | | 350 | | n/a | 2 | 3 | 350 | 365 | 380 | | |
| 20 | Total organic carbon | mg/L | Quarterly | n/a | 95 | 6 | 3 | | n/a | 4 | 3 | 3 | 35 | 95 | | |
| 20 | Total Petroleum Hydrocarbons | mg/L | 6 Monthly | n/a | <0.01 | | <0.01 | | n/a | 2 | 3 | <0.01 | <0.01 | <0.01 | | |
| 20 | Zinc | mg/L | Annually | n/a | | | 0.004 | | n/a | 1 | 3 | 0.004 | 0.004 | 0.004 | | |
| G7 | 21 | Alkalinity (as calcium carbonate) | mg/L | 6 Monthly | n/a | 520 | | 500 | | n/a | 2 | 3 | 500 | 510 | 520 | |
| | 21 | Aluminium | mg/L | Annually | n/a | | | 0.04 | | n/a | 1 | 2 | 0.04 | 0.04 | 0.04 | |
| | 21 | Arsenic | mg/L | Annually | n/a | | | <0.001 | | n/a | 1 | 2 | <0.001 | <0.001 | <0.001 | |
| | 21 | Barium | mg/L | Annually | n/a | | | 0.033 | | n/a | 1 | 2 | 0.03 | 0.03 | 0.03 | |
| | 21 | Benzene | mg/L | Annually | n/a | | | <0.001 | | n/a | 1 | 2 | <0.001 | <0.001 | <0.001 | |
| | 21 | Cadmium | mg/L | Annually | n/a | | | <0.0001 | | n/a | 1 | 2 | <0.0001 | <0.0001 | <0.0001 | |

| Location Name | EPA Monitoring Point No. | Pollutant | Unit of measure | Frequency | EPL Limit | 13/03/2024 | 1/06/2024 | 19/09/2024 | - | Exceedance (Y/N) | No. of samples required by licence | No. of samples collected and analysed | Lowest Sample Value | Mean Sample Value | Highest Sample Value | Comments | |
|---------------|------------------------------|-----------------------------------|-----------------|-----------|-----------|------------|-----------|------------|---|------------------|------------------------------------|---------------------------------------|---------------------|-------------------|----------------------|----------|--|
| G7 | 21 | Calcium | mg/L | 6 Monthly | n/a | 310 | | 280 | | n/a | 2 | 3 | 280 | 295 | 310 | | |
| | 21 | Chloride | mg/L | 6 Monthly | n/a | 8500 | | 9200 | | n/a | 2 | 3 | 8500 | 8850 | 9200 | | |
| | 21 | Chromium | mg/L | Annually | n/a | | | 0.002 | | | n/a | 1 | 2 | 0.002 | 0.002 | 0.002 | |
| | 21 | Conductivity | µS/cm | 6 Monthly | n/a | 26274 | 5217 | 27348 | | | n/a | 2 | 3 | 5217 | 19613 | 27348 | |
| | 21 | Copper | mg/L | Annually | n/a | | | 0.004 | | | n/a | 1 | 2 | 0.00 | 0.00 | 0.00 | |
| | 21 | Dissolved Oxygen | mg/L | 6 Monthly | n/a | 3.21 | 1.27 | 4.13 | | | n/a | 2 | 3 | 1.27 | 2.87 | 4.13 | |
| | 21 | Fluoride | mg/L | 6 Monthly | n/a | 0.3 | | 0.3 | | | n/a | 2 | 3 | 0.30 | 0.30 | 0.30 | |
| | 21 | Iron | mg/L | Annually | n/a | | | 1.8 | | | n/a | 1 | 2 | 1.80 | 1.80 | 1.80 | |
| | 21 | Lead | mg/L | Annually | n/a | | | <0.001 | | | n/a | 1 | 2 | <0.001 | <0.001 | <0.001 | |
| | 21 | Magnesium | mg/L | 6 Monthly | n/a | 1000 | | 970 | | | n/a | 2 | 3 | 970 | 985 | 1000 | |
| | 21 | Manganese | mg/L | Annually | n/a | | | 1.6 | | | n/a | 1 | 2 | 1.60 | 1.60 | 1.60 | |
| | 21 | Mercury | mg/L | Annually | n/a | | | * | | | n/a | 1 | 2 | 0 | #DIV/0! | 0 | |
| | 21 | Nickel | mg/L | Annually | n/a | | | 0.022 | | | n/a | 1 | 2 | 0.02 | 0.02 | 0.02 | |
| | 21 | Nitrate | mg/L | 6 Monthly | n/a | 0.79 | | 0.02 | | | n/a | 2 | 3 | 0.02 | 0.41 | 0.79 | |
| | 21 | Nitrite | mg/L | 6 Monthly | n/a | <0.005 | | <0.005 | | | n/a | 2 | 3 | <0.005 | <0.005 | <0.005 | |
| | 21 | Nitrogen (ammonia) | mg/L | Quarterly | 15 | 0.28 | 0.99 | 1.1 | | | N | 4 | 3 | 0.28 | 0.79 | 1.10 | |
| | 21 | Nitrogen (Total) | mg/L | 6 Monthly | n/a | 1 | | 1.2 | | | n/a | 2 | 3 | 1.00 | 1.10 | 1.20 | |
| | 21 | pH | pH Unit | 6 Monthly | n/a | 6.37 | 6.29 | 6.32 | | | n/a | 2 | 3 | 6.29 | 6.33 | 6.37 | |
| | 21 | Phenols | mg/L | 6 Monthly | n/a | <0.05 | | <0.05 | | | n/a | 2 | 3 | <0.05 | <0.05 | <0.05 | |
| | 21 | Phosphorus (Total) | mg/L | 6 Monthly | n/a | 0.2 | | <0.05 | | | n/a | 2 | 3 | 0.20 | 0.20 | 0.20 | |
| | 21 | Polycyclic Aromatic Hydrocarbons | mg/L | 6 Monthly | n/a | <0.0001 | | <0.0001 | | | n/a | 2 | 3 | <0.0001 | <0.0001 | <0.0001 | |
| | 21 | Potassium | mg/L | 6 Monthly | n/a | 23 | | 21 | | | n/a | 2 | 3 | 21 | 22 | 23 | |
| | 21 | Redox potential | mV | 6 Monthly | n/a | -142 | 126.1 | 215 | | | n/a | 2 | 3 | -142 | 66 | 215 | |
| | 21 | Selenium | mg/L | 6 Monthly | n/a | <0.001 | | <0.001 | | | n/a | 2 | 3 | <0.001 | <0.001 | <0.001 | |
| | 21 | Silver | mg/L | 6 Monthly | n/a | <0.001 | | <0.001 | | | n/a | 2 | 3 | <0.001 | <0.001 | <0.001 | |
| | 21 | Sodium | mg/L | 6 Monthly | n/a | 4900 | | 4600 | | | n/a | 2 | 3 | 4600 | 4750 | 4900 | |
| | 21 | Standing Water Level | Metres | Quarterly | n/a | 7.94 | 8.91 | 9.37 | | | n/a | 4 | 3 | 7.94 | 8.74 | 9.37 | |
| 21 | Sulfate | mg/L | 6 Monthly | n/a | 1000 | | 1100 | | | n/a | 2 | 3 | 1000 | 1050 | 1100 | | |
| 21 | Total organic carbon | mg/L | Quarterly | n/a | 100 | 2 | 2 | | | n/a | 4 | 3 | 2 | 35 | 100 | | |
| 21 | Total Petroleum Hydrocarbons | mg/L | 6 Monthly | n/a | <0.01 | | <0.01 | | | n/a | 2 | 3 | <0.01 | <0.01 | <0.01 | | |
| 21 | Zinc | mg/L | Annually | n/a | | | 0.027 | | | n/a | 1 | 3 | 0.027 | 0.027 | 0.027 | | |
| G9 | 22 | Alkalinity (as calcium carbonate) | mg/L | 6 Monthly | n/a | 1000 | | 1000 | | n/a | 2 | 3 | 1000 | 1000 | 1000 | | |
| | 22 | Aluminium | mg/L | Annually | n/a | | | 0.04 | | | n/a | 1 | 2 | 0.04 | 0.04 | 0.04 | |
| | 22 | Arsenic | mg/L | Annually | n/a | | | <0.001 | | | n/a | 1 | 2 | <0.001 | <0.001 | <0.001 | |
| | 22 | Barium | mg/L | Annually | n/a | | | 40 | | | n/a | 1 | 2 | 40 | 40 | 40 | |
| | 22 | Benzene | mg/L | Annually | n/a | | | <0.001 | | | n/a | 1 | 2 | <0.001 | <0.001 | <0.001 | |
| | 22 | Cadmium | mg/L | Annually | n/a | | | <0.0001 | | | n/a | 1 | 2 | <0.0001 | <0.0001 | <0.0001 | |
| | 22 | Calcium | mg/L | 6 Monthly | n/a | 300 | | 290 | | | n/a | 2 | 3 | 290 | 295 | 300 | |
| | 22 | Chloride | mg/L | 6 Monthly | n/a | 5200 | | 5400 | | | n/a | 2 | 3 | 5200 | 5300 | 5400 | |
| | 22 | Chromium | mg/L | Annually | n/a | | | 0.002 | | | n/a | 1 | 2 | 0.002 | 0.002 | 0.002 | |
| | 22 | Conductivity | µS/cm | 6 Monthly | n/a | 16230 | 13569 | 16972 | | | n/a | 2 | 3 | 13569 | 15590 | 16972 | |
| | 22 | Copper | mg/L | Annually | n/a | | | 0.006 | | | n/a | 1 | 2 | 0.006 | 0.006 | 0.006 | |
| | 22 | Dissolved Oxygen | mg/L | 6 Monthly | n/a | 1.4 | 2.06 | 3.48 | | | n/a | 2 | 3 | 1.40 | 2.31 | 3.48 | |
| | 22 | Fluoride | mg/L | 6 Monthly | n/a | 0.3 | | 0.3 | | | n/a | 2 | 3 | 0.30 | 0.30 | 0.30 | |
| | 22 | Iron | mg/L | Annually | n/a | | | 5.8 | | | n/a | 1 | 2 | 5.80 | 5.80 | 5.80 | |
| | 22 | Lead | mg/L | Annually | n/a | | | <0.001 | | | n/a | 1 | 2 | <0.001 | <0.001 | <0.001 | |
| | 22 | Magnesium | mg/L | 6 Monthly | n/a | 300 | | 300 | | | n/a | 2 | 3 | 300 | 300 | 300 | |
| | 22 | Manganese | mg/L | Annually | n/a | | | 0.07 | | | n/a | 1 | 2 | 0.07 | 0.07 | 0.07 | |
| | 22 | Mercury | mg/L | Annually | n/a | | | * | | | n/a | 1 | 2 | 0 | #DIV/0! | 0 | |
| | 22 | Nickel | mg/L | Annually | n/a | | | 0.003 | | | n/a | 1 | 2 | 0.00 | 0.00 | 0.00 | |
| | 22 | Nitrate | mg/L | 6 Monthly | n/a | <0.005 | | 0.68 | | | n/a | 2 | 3 | 0.68 | 0.68 | 0.68 | |
| | 22 | Nitrite | mg/L | 6 Monthly | n/a | <0.005 | | <0.005 | | | n/a | 2 | 3 | <0.005 | <0.005 | <0.005 | |
| | 22 | Nitrogen (ammonia) | mg/L | Quarterly | 15 | 5.9 | 5.7 | 6.5 | | | N | 4 | 3 | 5.70 | 6.03 | 6.50 | |
| | 22 | Nitrogen (Total) | mg/L | 6 Monthly | n/a | 6.5 | | 7.4 | | | n/a | 2 | 3 | 6.50 | 6.95 | 7.40 | |
| | 22 | pH | pH Unit | 6 Monthly | n/a | 6.4 | 6.68 | 6.82 | | | n/a | 2 | 3 | 6.40 | 6.63 | 6.82 | |
| | 22 | Phenols | mg/L | 6 Monthly | n/a | <0.05 | | <0.05 | | | n/a | 2 | 3 | <0.05 | <0.05 | <0.05 | |
| | 22 | Phosphorus (Total) | mg/L | 6 Monthly | n/a | 0.06 | | 0.08 | | | n/a | 2 | 3 | 0.06 | 0.07 | 0.08 | |
| | 22 | Polycyclic Aromatic Hydrocarbons | mg/L | 6 Monthly | n/a | 0.00038 | | 0.00025 | | | n/a | 2 | 3 | 0.00025 | 0.00032 | 0.00038 | |
| 22 | Potassium | mg/L | 6 Monthly | n/a | 58 | | 59 | | | n/a | 2 | 3 | 58 | 59 | 59 | | |
| 22 | Redox potential | mV | 6 Monthly | n/a | -161 | 1048 | -19 | | | n/a | 2 | 3 | -161 | 289 | 1048 | | |
| 22 | Selenium | mg/L | 6 Monthly | n/a | <0.001 | | <0.001 | | | n/a | 2 | 3 | <0.001 | <0.001 | <0.001 | | |
| 22 | Silver | mg/L | 6 Monthly | n/a | <0.001 | | <0.001 | | | n/a | 2 | 3 | <0.001 | <0.001 | <0.001 | | |
| 22 | Sodium | mg/L | 6 Monthly | n/a | 3000 | | 2800 | | | n/a | 2 | 3 | 2800 | 2900 | 3000 | | |
| 22 | Standing Water Level | Metres | Quarterly | n/a | 6.95 | 8.09 | 12.78 | | | n/a | 4 | 3 | 6.95 | 9.27 | 12.78 | | |
| 22 | Sulfate | mg/L | 6 Monthly | n/a | <1 | | 4 | | | n/a | 2 | 3 | 4 | 4 | 4 | | |
| 22 | Total organic carbon | mg/L | Quarterly | n/a | 180 | 5 | 9 | | | n/a | 4 | 3 | 5 | 65 | 180 | | |
| 22 | Total Petroleum Hydrocarbons | mg/L | 6 Monthly | n/a | <0.01 | | <0.01 | | | n/a | 2 | 3 | <0.01 | <0.01 | <0.01 | | |
| 22 | Zinc | mg/L | Annually | n/a | | | 0.045 | | | n/a | 1 | 2 | 0.045 | 0.045 | 0.045 | | |

| Location Name | EPA Monitoring Point No. | Pollutant | Unit of measure | Frequency | EPL Limit | 13/03/2024 | 1/06/2024 | 19/09/2024 | - | Exceedance (Y/N) | No. of samples required by licence | No. of samples collected and analysed | Lowest Sample Value | Mean Sample Value | Highest Sample Value | Comments |
|---------------|------------------------------|-----------------------------------|-----------------|-----------|-----------|------------|-----------|------------|-----|------------------|------------------------------------|---------------------------------------|---------------------|-------------------|----------------------|----------|
| G10 | 54 | Alkalinity (as calcium carbonate) | mg/L | 6 Monthly | n/a | 1000 | | 1200 | | n/a | 2 | 3 | 1000 | 1100 | 1200 | |
| | 54 | Aluminium | mg/L | Annually | n/a | | | 0.01 | | n/a | 1 | 1 | 0.01 | 0.01 | 0.01 | |
| | 54 | Arsenic | mg/L | Annually | n/a | | | 0.001 | | n/a | 1 | 1 | 0.001 | 0.001 | 0.001 | |
| | 54 | Barium | mg/L | Annually | n/a | | | 0.27 | | n/a | 1 | 1 | 0.27 | 0.27 | 0.27 | |
| | 54 | Benzene | mg/L | Annually | n/a | | | <0.001 | | n/a | 1 | 1 | <0.001 | <0.001 | <0.001 | |
| | 54 | Cadmium | mg/L | Annually | n/a | | | <0.0001 | | n/a | 1 | 1 | <0.0001 | <0.0001 | <0.0001 | |
| | 54 | Calcium | mg/L | 6 Monthly | n/a | 140 | | 170 | | n/a | 2 | 3 | 140 | 155 | 170 | |
| | 54 | Chloride | mg/L | 6 Monthly | n/a | 4400 | | 4700 | | n/a | 2 | 3 | 4400 | 4550 | 4700 | |
| | 54 | Chromium | mg/L | Annually | n/a | | | 0.001 | | n/a | 1 | 1 | 0.001 | 0.001 | 0.001 | |
| | 54 | Conductivity | µS/cm | 6 Monthly | n/a | 2535 | 12157 | 14119 | | n/a | 2 | 3 | 2535 | 9604 | 14119 | |
| | 54 | Copper | mg/L | Annually | n/a | | | 0.01 | | n/a | 1 | 1 | 0.01 | 0.01 | 0.01 | |
| | 54 | Dissolved Oxygen | mg/L | 6 Monthly | n/a | 7.41 | 0.71 | 9.27 | | n/a | 2 | 3 | 0.71 | 5.80 | 9.27 | |
| | 54 | Fluoride | mg/L | 6 Monthly | n/a | 0.6 | | 0.6 | | n/a | 2 | 3 | 0.60 | 0.60 | 0.60 | |
| | 54 | Iron | mg/L | Annually | n/a | | | 0.03 | | n/a | 1 | 1 | 0.03 | 0.03 | 0.03 | |
| | 54 | Lead | mg/L | Annually | n/a | | | <0.001 | | n/a | 1 | 1 | <0.001 | <0.001 | <0.001 | |
| | 54 | Magnesium | mg/L | 6 Monthly | n/a | 390 | | 380 | | n/a | 2 | 3 | 380 | 385 | 390 | |
| | 54 | Manganese | mg/L | Annually | n/a | | | 0.077 | | n/a | 1 | 1 | 0.08 | 0.08 | 0.08 | |
| | 54 | Mercury | mg/L | Annually | n/a | | | * | | n/a | 1 | 1 | 0 | #DIV/0! | 0 | |
| | 54 | Nickel | mg/L | Annually | n/a | | | 0.004 | | n/a | 1 | 1 | 0.004 | 0.004 | 0.004 | |
| | 54 | Nitrate | mg/L | 6 Monthly | n/a | 0.02 | | 0.01 | | n/a | 2 | 3 | 0.010 | 0.015 | 0.020 | |
| | 54 | Nitrite | mg/L | 6 Monthly | n/a | 0.007 | | 0.006 | | n/a | 2 | 3 | 0.006 | 0.007 | 0.007 | |
| | 54 | Nitrogen (ammonia) | mg/L | Quarterly | 15 | 1.4 | 0.91 | 1.6 | | N | 4 | 3 | 0.91 | 1.30 | 1.60 | |
| | 54 | Nitrogen (Total) | mg/L | 6 Monthly | n/a | 1.9 | | 2.3 | | n/a | 2 | 3 | 1.90 | 2.10 | 2.30 | |
| | 54 | pH | pH Unit | 6 Monthly | n/a | 7.81 | 6.77 | 7.49 | | n/a | 2 | 3 | 6.77 | 7.36 | 7.81 | |
| | 54 | Phenols | mg/L | 6 Monthly | n/a | <0.05 | | <0.05 | | n/a | 2 | 3 | <0.05 | <0.05 | <0.05 | |
| | 54 | Phosphorus (Total) | mg/L | 6 Monthly | n/a | 3 | | 2.2 | | n/a | 2 | 3 | 2.2 | 2.6 | 3.0 | |
| | 54 | Polycyclic Aromatic Hydrocarbons | mg/L | 6 Monthly | n/a | 0.00013 | | 0.00013 | | n/a | 2 | 2 | 0 | 0 | 0 | |
| | 54 | Potassium | mg/L | 6 Monthly | n/a | 27 | | 24 | | n/a | 2 | 3 | 24 | 26 | 27 | |
| | 54 | Redox potential | mV | 6 Monthly | n/a | -47 | 670 | 20.7 | | n/a | 2 | 3 | -47 | 215 | 670 | |
| | 54 | Selenium | mg/L | 6 Monthly | n/a | <0.001 | | <0.001 | | n/a | 2 | 3 | <0.001 | <0.001 | <0.001 | |
| 54 | Silver | mg/L | 6 Monthly | n/a | <0.001 | | <0.001 | | n/a | 2 | 3 | <0.001 | <0.001 | <0.001 | | |
| 54 | Sodium | mg/L | 6 Monthly | n/a | 2800 | | 2400 | | n/a | 2 | 3 | 2400 | 2600 | 2800 | | |
| 54 | Standing Water Level | Metres | Quarterly | n/a | 13.94 | 13.75 | 10.98 | | n/a | 4 | 3 | 10.98 | 12.89 | 13.94 | | |
| 54 | Sulfate | mg/L | 6 Monthly | n/a | 190 | | 190 | | n/a | 2 | 3 | 190 | 190 | 190 | | |
| 54 | Total organic carbon | mg/L | Quarterly | n/a | 160 | 3 | 5 | | n/a | 4 | 3 | 3 | 56 | 160 | | |
| 54 | Total Petroleum Hydrocarbons | mg/L | 6 Monthly | n/a | <0.01 | | <0.01 | | n/a | 2 | 3 | <0.01 | <0.01 | <0.01 | | |
| 54 | Zinc | mg/L | Annually | n/a | | | 0.004 | | n/a | 1 | 3 | 0.004 | 0.004 | 0.004 | | |

Comments:

"-" Monitoring data not available yet, monitoring yet to be conducted.

"*" Analysis was missed during this monitoring event - will be scheduled for the next monitoring event.