# Pollutant Monitoring Results - Groundwater

Environmental Protection Licence Number: 5065

Licensee Name: Lucas Heights Resource Recovery Park

Facility Address: New Illawarrra Rd Lucas Heights, NSW 2234

A copy of the full licence can be found on the POEO Public Register
http://www.epa.nsw.gov.au/prpoeoapp/

*Disclaimer - Monitoring data contained in this document is made available as required by Section 66(6) of the Protection of the Environment Operations Act 1997 and in accordance with the requirements issued in writing by the Environment Protection Authority. To the best of Cleanaway's knowledge, the data in this table is correct, except where specifically noted. The information and data in this table must not be published elsewhere by any means without prior consent from Cleanaway. For more details on publication of pollution monitoring data refer to the NSW EPA Website www.epa.nsw.gov.au*

| Sampling Point as per Licence | Pollutant | Unit of measure | Monitoring Frequency Required by licence | 11-12/09/2023 | 20-21/12/2023 | 14/15/3/2024 | 12-13/06/2024 | No. of samples required | No. of samples collected and analysed | Pollutant Limit | Exceedance (Y/N) | Min | Max | Average | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MB008 (EPA ID 4) | Total Alkalinity (Carbonate and Bicarbonate) | mg/L | Quarterly | 17 | 16 | 17 | 27 | 4 | 4 | N/A | N | 16 | 27 | 19.25 | |
| | Aluminium | mg/L | Yearly | - | - | 10 | - | 1 | 1 | N/A | N | 10 | 10 | 10 | |
| | Arsenic | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Barium | mg/L | Yearly | - | - | 170 | - | 1 | 1 | N/A | N | 170 | 170 | 170 | |
| | Benzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Benzo(a)pyrene | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Bicarbonate Alkalinity | mg/L | Quarterly | 17 | 16 | 17 | 27 | 4 | 4 | N/A | N | 16 | 27 | 19.25 | |
| | Cadmium | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Calcium (II) Ion | mg/L | Quarterly | 3 | 3 | 3 | 9.9 | 4 | 4 | N/A | N | 3 | 9.9 | 4.725 | |
| | Chloride | mg/L | Quarterly | 81 | 85 | 74 | 82 | 4 | 4 | N/A | N | 74 | 85 | 80.5 | |
| | Chromium (Hexavalent) | mg/L | Yearly | - | - | <0.005 | - | 1 | 1 | N/A | N | 0 | 0 | <0.005 | |
| | Chromium (Total) | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Cobalt | mg/L | Yearly | - | - | 3 | - | 1 | 1 | N/A | N | 3 | 3 | 3 | |
| | Copper | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Ethylbenzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Fluoride | mg/L | Yearly | - | - | 0.1 | - | 1 | 1 | N/A | N | 0.1 | 0.1 | 0.1 | |
| | Lead | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Magnesium (II) Ion | mg/L | Quarterly | 9.7 | 9.5 | 9 | 11 | 4 | 4 | N/A | N | 9 | 11 | 9.8 | |
| | Manganese | mg/L | Yearly | - | - | 160 | - | 1 | 1 | N/A | N | 160 | 160 | 160 | |
| | Mercury | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Nickel | mg/L | Yearly | - | - | 5 | - | 1 | 1 | N/A | N | 5 | 5 | 5 | |
| | Nitrate as N in water | mg/L | Quarterly | 0.008 | 0.01 | 0.02 | 0.01 | 4 | 4 | N/A | N | 0.008 | 0.02 | 0.012 | |
| | Nitrite as N in water | mg/L | Quarterly | <0.005 | <0.005 | <0.005 | <0.005 | 4 | 4 | N/A | N | 0 | 0 | <0.005 | |
| | Ammonia as N | mg/L | Quarterly | 0.019 | <0.005 | 0.006 | 0.028 | 4 | 4 | 1mg/L | N | 0.006 | 0.028 | 0.017666667 | |
| | OCP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | OPP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | PCBs | mg/L | Yearly | - | - | <2 | - | 1 | 1 | N/A | N | 0 | 0 | <2 | |
| | pH (field) | pH units | Quarterly | 5.17 | 6.3 | 6.31 | 6.7 | 4 | 4 | N/A | N | 5.17 | 6.7 | 6.12 | |
| | Phosphorus | mg/L | Quarterly | 0.06 | <0.05 | 0.06 | 1 | 4 | 4 | N/A | N | 0.06 | 1 | 0.373333333 | |
| | PAH | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Potassium (I) Ion | mg/L | Quarterly | 2 | 1 | 1 | 1 | 4 | 4 | N/A | N | 1 | 2 | 1.25 | |
| | Redox (field) | mV | Quarterly | 117.9 | 7.2 | -16.1 | 189 | 4 | 4 | N/A | N | -16.1 | 189 | 74.5 | |
| | Selenium | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Sodium (Na) | mg/L | Quarterly | 33 | 34 | 42 | 35 | 4 | 4 | N/A | N | 33 | 42 | 36 | |
| | Standing Water Level | mBTOC | Quarterly | 14.39 | 15.75 | 14.73 | 14.73 | 4 | 4 | N/A | N | 14.39 | 15.75 | 14.9 | |
| | Sulphate | mg/L | Quarterly | 7 | 8 | 7 | 24 | 4 | 4 | N/A | N | 7 | 24 | 11.5 | |
| | Temperature (field) | deg c | Quarterly | 18.8 | 17 | 19.3 | 17.7 | 4 | 4 | N/A | N | 17 | 19.3 | 18.2 | |
| | Tetrachloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Toluene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Total Dissolved Solids | mg/L | Quarterly | 190 | 200 | 210 | 230 | 4 | 4 | N/A | N | 190 | 230 | 207.5 | |
| | Total Organic Carbon | mg/L | Quarterly | 3 | 3 | 3 | 11 | 4 | 4 | N/A | N | 3 | 11 | 5 | |
| | TPH | mg/L | Yearly | - | - | <10 | - | 1 | 1 | N/A | N | 0 | 0 | <10 | |
| | Total Phenolics | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Trichloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Xylenes | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Zinc | mg/L | Yearly | - | - | 22 | - | 1 | 1 | N/A | N | 22 | 22 | 22 | |
| MB023 (EPA ID 44) | Total Alkalinity (Carbonate and Bicarbonate) | mg/L | Quarterly | 93 | 45 | 43 | 80 | 4 | 4 | N/A | N | 43 | 93 | 65.25 | |
| | Aluminium | mg/L | Yearly | - | - | <10 | - | 1 | 1 | N/A | N | 0 | 0 | <10 | |
| | Arsenic | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Barium | mg/L | Yearly | - | - | 160 | - | 1 | 1 | N/A | N | 160 | 160 | 160 | |
| | Benzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Benzo(a)pyrene | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Bicarbonate Alkalinity | mg/L | Quarterly | 93 | 45 | 43 | 80 | 4 | 4 | N/A | N | 43 | 93 | 65.25 | |
| | Cadmium | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Calcium (II) Ion | mg/L | Quarterly | 22 | 27 | 7.6 | 16 | 4 | 4 | N/A | N | 7.6 | 27 | 18.15 | |
| | Chloride | mg/L | Quarterly | 1800 | 1500 | 89 | 1500 | 4 | 4 | N/A | N | 89 | 1800 | 1222.25 | |
| | Chromium (Hexavalent) | mg/L | Yearly | - | - | <0.005 | - | 1 | 1 | N/A | N | 0 | 0 | <0.005 | |
| | Chromium (Total) | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Cobalt | mg/L | Yearly | - | - | 2 | - | 1 | 1 | N/A | N | 2 | 2 | 2 | |
| | Copper | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Ethylbenzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Fluoride | mg/L | Yearly | - | - | 0.3 | - | 1 | 1 | N/A | N | 0.3 | 0.3 | 0.3 | |
| | Lead | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Magnesium (II) Ion | mg/L | Quarterly | 99 | 78 | 11 | 84 | 4 | 4 | N/A | N | 11 | 99 | 68 | |
| | Manganese | mg/L | Yearly | - | - | 690 | - | 1 | 1 | N/A | N | 690 | 690 | 690 | |
| | Mercury | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Nickel | mg/L | Yearly | - | - | 22 | - | 1 | 1 | N/A | N | 22 | 22 | 22 | |
| | Nitrate as N in water | mg/L | Quarterly | <0.005 | <0.005 | 0.01 | 0.005 | 4 | 4 | N/A | N | 0.005 | 0.01 | 0.0075 | |
| | Nitrite as N in water | mg/L | Quarterly | <0.005 | <0.005 | <0.005 | <0.005 | 4 | 4 | N/A | N | 0 | 0 | <0.005 | |
| | Ammonia as N | mg/L | Quarterly | 0.093 | 0.069 | 0.16 | 0.1 | 4 | 4 | 1mg/L | N | 0.069 | 0.16 | 0.1055 | |
| | OCP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | OPP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | PCBs | mg/L | Yearly | - | - | <2 | - | 1 | 1 | N/A | N | 0 | 0 | <2 | |

| Sampling Point as per Licence | Pollutant | Unit of measure | Monitoring Frequency Required by licence | 11-12/09/2023 | 20-21/12/2023 | 14/15/3/2024 | 12-13/06/2024 | No. of samples required | No. of samples collected and analysed | Pollutant Limit | Exceedance (Y/N) | Min | Max | Average | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | pH (field) | pH units | Quarterly | 5.41 | 5.3 | 6.7 | 5.76 | 4 | 4 | N/A | N | 5.3 | 6.7 | 5.7925 | |
| | Phosphorus | mg/L | Quarterly | 5 | 6.8 | 0.1 | 21 | 4 | 4 | N/A | N | 0.1 | 21 | 8.225 | |
| | PAH | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Potassium (I) Ion | mg/L | Quarterly | 23 | 26 | 3 | 21 | 4 | 4 | N/A | N | 3 | 26 | 18.25 | |
| | Redox (field) | mV | Quarterly | 107.6 | 108 | 8.7 | 239.3 | 4 | 4 | N/A | N | 8.7 | 239.3 | 115.9 | |
| | Selenium | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Sodium (Na) | mg/L | Quarterly | 850 | 920 | 59 | 810 | 4 | 4 | N/A | N | 59 | 920 | 659.75 | |
| | Standing Water Level | mBTOC | Quarterly | 8.74 | 6.92 | 12.12 | 5.75 | 4 | 4 | N/A | N | 5.75 | 12.12 | 8.3825 | |
| | Sulphate | mg/L | Quarterly | 280 | 280 | 12 | 230 | 4 | 4 | N/A | N | 12 | 280 | 200.5 | |
| | Temperature (field) | deg c | Quarterly | 17.2 | 17.4 | 19.3 | 17.5 | 4 | 4 | N/A | N | 17.2 | 19.3 | 17.85 | |
| | Tetrachloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Toluene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Total Dissolved Solids | mg/L | Quarterly | 3300 | 3500 | 280 | 2900 | 4 | 4 | N/A | N | 280 | 3500 | 2495 | |
| | Total Organic Carbon | mg/L | Quarterly | 7 | 13 | 3 | 11 | 4 | 4 | N/A | N | 3 | 13 | 8.5 | |
| | TPH | mg/L | Yearly | - | - | <10 | - | 1 | 1 | N/A | N | 0 | 0 | <10 | |
| | Total Phenolics | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Trichloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Xylenes | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Zinc | mg/L | Yearly | - | - | 350 | - | 1 | 1 | N/A | N | 350 | 350 | 350 | |
| | Total Alkalinity (Carbonate and Bicarbonate) | mg/L | Quarterly | 50 | 36 | 43 | 44 | 4 | 4 | N/A | N | 36 | 50 | 43.25 | |
| | Aluminium | mg/L | Yearly | - | - | <10 | - | 1 | 1 | N/A | N | 0 | 0 | <10 | |
| | Arsenic | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Barium | mg/L | Yearly | - | - | 160 | - | 1 | 1 | N/A | N | 160 | 160 | 160 | |
| | Benzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Benzo(a)pyrene | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Bicarbonate Alkalinity | mg/L | Quarterly | 50 | 36 | 43 | 44 | 4 | 4 | N/A | N | 36 | 50 | 43.25 | |
| | Cadmium | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Calcium (II) Ion | mg/L | Quarterly | 7 | 7.7 | 7.6 | 7.7 | 4 | 4 | N/A | N | 7 | 7.7 | 7.5 | |
| | Chloride | mg/L | Quarterly | 100 | 100 | 89 | 95 | 4 | 4 | N/A | N | 89 | 100 | 96 | |
| | Chromium (Hexavalent) | mg/L | Yearly | - | - | <0.005 | - | 1 | 1 | N/A | N | 0 | 0 | <0.005 | |
| | Chromium (Total) | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Cobalt | mg/L | Yearly | - | - | 2 | - | 1 | 1 | N/A | N | 2 | 2 | 2 | |
| | Copper | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Ethylbenzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Fluoride | mg/L | Yearly | - | - | 0.3 | - | 1 | 1 | N/A | N | 0.3 | 0.3 | 0.3 | |
| | Lead | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Magnesium (II) Ion | mg/L | Quarterly | 12 | 12 | 11 | 11 | 4 | 4 | N/A | N | 11 | 12 | 11.5 | |
| | Manganese | mg/L | Yearly | - | - | 690 | - | 1 | 1 | N/A | N | 690 | 690 | 690 | |
| | Mercury | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Nickel | mg/L | Yearly | - | - | 22 | - | 1 | 1 | N/A | N | 22 | 22 | 22 | |
| | Nitrate as N in water | mg/L | Quarterly | <0.01 | 0.64 | 0.01 | 0.3 | 4 | 3 | N/A | N | 0.01 | 0.64 | 0.316666667 | |
| **MB032 (EPA ID 32)** | Nitrite as N in water | mg/L | Quarterly | <0.005 | <0.005 | <0.005 | <0.005 | 4 | 4 | N/A | N | 0 | 0 | <0.005 | |
| | Ammonia as N | mg/L | Quarterly | 0.075 | 0.017 | 0.16 | 0.015 | 4 | 4 | 1mg/L | N | 0.015 | 0.16 | 0.06675 | |
| | OCP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | OPP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | PCBs | mg/L | Yearly | - | - | <2 | - | 1 | 1 | N/A | N | 0 | 0 | <2 | |
| | pH (field) | pH units | Quarterly | 5.96 | 6.4 | 6.7 | 5.94 | 4 | 4 | N/A | N | 5.94 | 6.7 | 6.25 | |
| | Phosphorus | mg/L | Quarterly | 0.4 | <0.05 | 0.1 | 3 | 4 | 4 | N/A | N | 0.1 | 3 | 1.166666667 | |
| | PAH | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Potassium (I) Ion | mg/L | Quarterly | 2 | 2 | 3 | 3 | 4 | 4 | N/A | N | 2 | 3 | 2.5 | |
| | Redox (field) | mV | Quarterly | 33.9 | -43 | 8.7 | 208.8 | 4 | 4 | N/A | N | -43 | 208.8 | 52.1 | |
| | Selenium | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Sodium (Na) | mg/L | Quarterly | 45 | 45 | 59 | 61 | 4 | 4 | N/A | N | 45 | 61 | 52.5 | |
| | Standing Water Level | mBTOC | Quarterly | 11.44 | 11.52 | 12.12 | 11.54 | 4 | 4 | N/A | N | 11.44 | 12.12 | 11.655 | |
| | Sulphate | mg/L | Quarterly | 12 | 14 | 12 | 13 | 4 | 4 | N/A | N | 12 | 14 | 12.75 | |
| | Temperature (field) | deg c | Quarterly | 17.5 | 20.9 | 19.3 | 15.2 | 4 | 4 | N/A | N | 15.2 | 20.9 | 18.225 | |
| | Tetrachloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Toluene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Total Dissolved Solids | mg/L | Quarterly | 220 | 280 | 280 | 230 | 4 | 4 | N/A | N | 220 | 280 | 252.5 | |
| | Total Organic Carbon | mg/L | Quarterly | 1 | 3 | 3 | 2 | 4 | 4 | N/A | N | 1 | 3 | 2.25 | |
| | TPH | mg/L | Yearly | - | - | <10 | - | 1 | 1 | N/A | N | 0 | 0 | <10 | |
| | Total Phenolics | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Trichloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Xylenes | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Zinc | mg/L | Yearly | - | - | 350 | - | 1 | 1 | N/A | N | 350 | 350 | 350 | |
| | Total Alkalinity (Carbonate and Bicarbonate) | mg/L | Quarterly | 74 | 37 | 57 | 74 | 4 | 4 | N/A | N | 37 | 74 | 60.5 | |
| | Aluminium | mg/L | Yearly | - | - | <10 | - | 1 | 1 | N/A | N | 0 | 0 | <10 | |
| | Arsenic | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Barium | mg/L | Yearly | - | - | 170 | - | 1 | 1 | N/A | N | 170 | 170 | 170 | |
| | Benzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Benzo(a)pyrene | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Bicarbonate Alkalinity | mg/L | Quarterly | 74 | 37 | 57 | 74 | 4 | 4 | N/A | N | 37 | 74 | 60.5 | |
| | Cadmium | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Calcium (II) Ion | mg/L | Quarterly | 5.5 | 5.5 | 5 | 5.4 | 4 | 4 | N/A | N | 5 | 5.5 | 5.35 | |
| | Chloride | mg/L | Quarterly | 100 | 96 | 84 | 89 | 4 | 4 | N/A | N | 84 | 100 | 92.25 | |
| | Chromium (Hexavalent) | mg/L | Yearly | - | - | <0.005 | - | 1 | 1 | N/A | N | 0 | 0 | <0.005 | |
| | Chromium (Total) | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Cobalt | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | #DIV/0! | |
| | Copper | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Ethylbenzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Fluoride | mg/L | Yearly | - | - | 0.3 | - | 1 | 1 | N/A | N | 0.3 | 0.3 | 0.3 | |
| | Lead | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Magnesium (II) Ion | mg/L | Quarterly | 12 | 11 | 10 | 11 | 4 | 4 | N/A | N | 10 | 12 | 11 | |
| | Manganese | mg/L | Yearly | - | - | 750 | - | 1 | 1 | N/A | N | 750 | 750 | 750 | |
| | Mercury | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Nickel | mg/L | Yearly | - | - | 2 | - | 1 | 1 | N/A | N | 2 | 2 | 2 | |
| | Nitrate as N in water | mg/L | Quarterly | <0.01 | <0.005 | 0.36 | 0.01 | 4 | 2 | N/A | N | 0.01 | 0.36 | 0.185 | |
| **MB033 (EPA IA 18)** | Nitrite as N in water | mg/L | Quarterly | <0.005 | <0.005 | <0.005 | <0.005 | 4 | 4 | N/A | N | 0 | 0 | <0.005 | |
| | Ammonia as N | mg/L | Quarterly | 0.047 | 0.006 | 0.009 | <0.005 | 4 | 4 | 1mg/L | N | 0.006 | 0.047 | 0.020666667 | |
| | OCP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | OPP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |

| Sampling Point as per Licence | Pollutant | Unit of measure | Monitoring Frequency Required by licence | 11-12/09/2023 | 20-21/12/2023 | 14/15/3/2024 | 12-13/06/2024 | No. of samples required | No. of samples collected and analysed | Pollutant Limit | Exceedance (Y/N) | Min | Max | Average | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | PCBs | mg/L | Yearly | - | - | <2 | - | 1 | 1 | N/A | N | 0 | 0 | <2 | |
| | pH (field) | pH units | Quarterly | 5.68 | 6.7 | 5.6 | 5.61 | 4 | 4 | N/A | N | 5.6 | 6.7 | 5.8975 | |
| | Phosphorus | mg/L | Quarterly | 0.4 | 0.1 | 0.3 | 2 | 4 | 4 | N/A | N | 0.1 | 2 | 0.7 | |
| | PAH | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Potassium (I) Ion | mg/L | Quarterly | 2 | 2 | 2 | 2 | 4 | 4 | N/A | N | 2 | 2 | 2 | |
| | Redox (field) | mV | Quarterly | -23.8 | -95 | -34 | 195 | 4 | 4 | N/A | N | -95 | 195 | 10.55 | |
| | Selenium | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Sodium (Na) | mg/L | Quarterly | 44 | 45 | 55 | 60 | 4 | 4 | N/A | N | 44 | 60 | 51 | |
| | Standing Water Level | mBTOC | Quarterly | 3.01 | 3.19 | 3.63 | 4.7 | 4 | 4 | N/A | N | 3.01 | 4.7 | 3.6325 | |
| | Sulphate | mg/L | Quarterly | 6 | 6 | 4 | 5 | 4 | 4 | N/A | N | 4 | 6 | 5.25 | |
| | Temperature (field) | deg c | Quarterly | 16.7 | 21.2 | 22 | 15.8 | 4 | 4 | N/A | N | 15.8 | 22 | 18.925 | |
| | Tetrachloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Toluene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Total Dissolved Solids | mg/L | Quarterly | 220 | 230 | 250 | 280 | 4 | 4 | N/A | N | 220 | 280 | 245 | |
| | Total Organic Carbon | mg/L | Quarterly | 1 | 4 | 9 | 2 | 4 | 4 | N/A | N | 1 | 9 | 4 | |
| | TPH | mg/L | Yearly | - | - | <10 | - | 1 | 1 | N/A | N | 0 | 0 | <10 | |
| | Total Phenolics | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Trichloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Xylenes | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Zinc | mg/L | Yearly | - | - | 59 | - | 1 | 1 | N/A | N | 59 | 59 | 59 | |
| | Total Alkalinity (Carbonate and Bicarbonate) | mg/L | Quarterly | 19 | 8 | 13 | 20 | 4 | 4 | N/A | N | 8 | 20 | 15 | |
| | Aluminium | mg/L | Yearly | - | - | 10 | - | 1 | 1 | N/A | N | 10 | 10 | 10 | |
| | Arsenic | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Barium | mg/L | Yearly | - | - | 160 | - | 1 | 1 | N/A | N | 160 | 160 | 160 | |
| | Benzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Benzo(a)pyrene | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Bicarbonate Alkalinity | mg/L | Quarterly | 19 | 8 | 13 | 20 | 4 | 4 | N/A | N | 8 | 20 | 15 | |
| | Cadmium | mg/L | Yearly | - | - | 0.3 | - | 1 | 1 | N/A | N | 0.3 | 0.3 | 0.3 | |
| | Calcium (II) Ion | mg/L | Quarterly | 2 | 2 | 2 | 2 | 4 | 4 | N/A | N | 2 | 2 | 2 | |
| | Chloride | mg/L | Quarterly | 100 | 100 | 86 | 89 | 4 | 4 | N/A | N | 86 | 100 | 93.75 | |
| | Chromium (Hexavalent) | mg/L | Yearly | - | - | <0.005 | - | 1 | 1 | N/A | N | 0 | 0 | <0.005 | |
| | Chromium (Total) | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Cobalt | mg/L | Yearly | - | - | 4 | - | 1 | 1 | N/A | N | 4 | 4 | 4 | |
| | Copper | mg/L | Yearly | - | - | 2 | - | 1 | 1 | N/A | N | 2 | 2 | 2 | |
| | Ethylbenzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Fluoride | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | #DIV/0! | |
| | Lead | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Magnesium (II) Ion | mg/L | Quarterly | 8.2 | 7.6 | 7.4 | 7.5 | 4 | 4 | N/A | N | 7.4 | 8.2 | 7.675 | |
| | Manganese | mg/L | Yearly | - | - | 470 | - | 1 | 1 | N/A | N | 470 | 470 | 470 | |
| | Mercury | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Nickel | mg/L | Yearly | - | - | 8 | - | 1 | 1 | N/A | N | 8 | 8 | 8 | |
| | Nitrate as N in water | mg/L | Quarterly | 0.06 | 0.13 | 0.086 | 0.054 | 4 | 4 | N/A | N | 0.054 | 0.13 | 0.0825 | |
| | Nitrite as N in water | mg/L | Quarterly | <0.005 | <0.005 | <0.005 | <0.005 | 4 | 4 | N/A | N | 0 | 0 | <0.005 | |
| **MB034 (EPA ID 8)** | Ammonia as N | mg/L | Quarterly | 0.052 | 0.01 | 0.006 | <0.005 | 4 | 4 | 1mg/L | N | 0.006 | 0.052 | 0.022666667 | |
| | OCP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | OPP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | PCBs | mg/L | Yearly | - | - | <2 | - | 1 | 1 | N/A | N | 0 | 0 | <2 | |
| | pH (field) | pH units | Quarterly | 5.07 | 6.2 | 5.03 | 5.3 | 4 | 4 | N/A | N | 5.03 | 6.2 | 5.4 | |
| | Phosphorus | mg/L | Quarterly | <0.05 | <0.05 | <0.05 | 1 | 4 | 4 | N/A | N | 1 | 1 | 1 | |
| | PAH | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Potassium (I) Ion | mg/L | Quarterly | 1 | 1 | 1 | 1 | 4 | 4 | N/A | N | 1 | 1 | 1 | |
| | Redox (field) | mV | Quarterly | 112 | -29 | 74 | 195 | 4 | 4 | N/A | N | -29 | 195 | 88 | |
| | Selenium | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Sodium (Na) | mg/L | Quarterly | 43 | 45 | 55 | 58 | 4 | 4 | N/A | N | 43 | 58 | 50.25 | |
| | Standing Water Level | mBTOC | Quarterly | 4.11 | 4.11 | 4.13 | 3.54 | 4 | 4 | N/A | N | 3.54 | 4.13 | 3.9725 | |
| | Sulphate | mg/L | Quarterly | 10 | 11 | 12 | 11 | 4 | 4 | N/A | N | 10 | 12 | 11 | |
| | Temperature (field) | deg c | Quarterly | 15.9 | 19.2 | 18.8 | 16.4 | 4 | 4 | N/A | N | 15.9 | 19.2 | 17.575 | |
| | Tetrachloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Toluene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Total Dissolved Solids | mg/L | Quarterly | 210 | 220 | 270 | 210 | 4 | 4 | N/A | N | 210 | 270 | 227.5 | |
| | Total Organic Carbon | mg/L | Quarterly | <1 | 3 | 2 | 2 | 4 | 3 | N/A | N | 2 | 3 | 2.333333333 | |
| | TPH | mg/L | Yearly | - | - | <10 | - | 1 | 1 | N/A | N | 0 | 0 | <10 | |
| | Total Phenolics | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Trichloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Xylenes | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Zinc | mg/L | Yearly | - | - | 110 | - | 1 | 1 | N/A | N | 110 | 110 | 110 | |
| | Total Alkalinity (Carbonate and Bicarbonate) | mg/L | Quarterly | <5 | <5 | <5 | <5 | 4 | 0 | N/A | N | 0 | 0 | #DIV/0! | |
| | Aluminium | mg/L | Yearly | - | - | 170 | - | 1 | 1 | N/A | N | 170 | 170 | 170 | |
| | Arsenic | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Barium | mg/L | Yearly | - | - | 120 | - | 1 | 1 | N/A | N | 120 | 120 | 120 | |
| | Benzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Benzo(a)pyrene | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Bicarbonate Alkalinity | mg/L | Quarterly | <5 | <5 | <5 | <5 | 4 | 0 | N/A | N | 0 | 0 | #DIV/0! | |
| | Cadmium | mg/L | Yearly | - | - | 0.4 | - | 1 | 1 | N/A | N | 0.4 | 0.4 | 0.4 | |
| | Calcium (II) Ion | mg/L | Quarterly | 1 | 1 | 1 | 1 | 4 | 4 | N/A | N | 1 | 1 | 1 | |
| | Chloride | mg/L | Quarterly | 99 | 94 | 81 | 87 | 4 | 4 | N/A | N | 81 | 99 | 90.25 | |
| | Chromium (Hexavalent) | mg/L | Yearly | - | - | <0.005 | - | 1 | 1 | N/A | N | 0 | 0 | <0.005 | |
| | Chromium (Total) | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Cobalt | mg/L | Yearly | - | - | 4 | - | 1 | 1 | N/A | N | 4 | 4 | 4 | |
| | Copper | mg/L | Yearly | - | - | 11 | - | 1 | 1 | N/A | N | 11 | 11 | 11 | |
| | Ethylbenzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Fluoride | mg/L | Yearly | - | - | <0.1 | - | 1 | 0 | N/A | N | 0 | 0 | #DIV/0! | |
| | Lead | mg/L | Yearly | - | - | 8 | - | 1 | 1 | N/A | N | 8 | 8 | 8 | |
| | Magnesium (II) Ion | mg/L | Quarterly | 7.1 | 6.8 | 6.2 | 6.2 | 4 | 4 | N/A | N | 6.2 | 7.1 | 6.575 | |
| | Manganese | mg/L | Yearly | - | - | 250 | - | 1 | 1 | N/A | N | 250 | 250 | 250 | |
| | Mercury | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Nickel | mg/L | Yearly | - | - | 4 | - | 1 | 1 | N/A | N | 4 | 4 | 4 | |
| | Nitrate as N in water | mg/L | Quarterly | <0.005 | 0.02 | 0.02 | 0.099 | 4 | 3 | N/A | N | 0.02 | 0.099 | 0.046333333 | |
| | Nitrite as N in water | mg/L | Quarterly | <0.005 | <0.005 | <0.005 | <0.005 | 4 | 4 | N/A | N | 0 | 0 | <0.005 | |
| **MB035 (EPA ID19)** | Ammonia as N | mg/L | Quarterly | 0.075 | 0.031 | 0.01 | 0.084 | 4 | 4 | 1mg/L | N | 0.01 | 0.084 | 0.05 | |
| | OCP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |

| Sampling Point as per Licence | Pollutant | Unit of measure | Monitoring Frequency Required by licence | 11-12/09/2023 | 20-21/12/2023 | 14/15/3/2024 | 12-13/06/2024 | No. of samples required | No. of samples collected and analysed | Pollutant Limit | Exceedance (Y/N) | Min | Max | Average | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | OPP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | PCBs | mg/L | Yearly | - | - | <2 | - | 1 | 1 | N/A | N | 0 | 0 | <2 | |
| | pH (field) | pH units | Quarterly | 4.22 | 4.50 | 4.23 | 4.22 | 4 | 4 | N/A | N | 4.22 | 4.5 | 4.2925 | |
| | Phosphorus | mg/L | Quarterly | <0.05 | <0.05 | 0.05 | 2 | 4 | 4 | N/A | N | 0.05 | 2 | 1.025 | |
| | PAH | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Potassium (I) Ion | mg/L | Quarterly | 1 | 1 | 1 | 2 | 4 | 4 | N/A | N | 1 | 2 | 1.25 | |
| | Redox (field) | mV | Quarterly | 157.7 | 67.0 | 75 | 242.0 | 4 | 4 | N/A | N | 67 | 242 | 135.425 | |
| | Selenium | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Sodium (Na) | mg/L | Quarterly | 42 | 42 | 52 | 56 | 4 | 4 | N/A | N | 42 | 56 | 48 | |
| | Standing Water Level | mBTOC | Quarterly | 2.71 | 2.83 | 2.83 | 2.60 | 4 | 4 | N/A | N | 2.6 | 2.83 | 2.7425 | |
| | Sulphate | mg/L | Quarterly | 13 | 14 | 13 | 11 | 4 | 4 | N/A | N | 11 | 14 | 12.75 | |
| | Temperature (field) | deg c | Quarterly | 15.8 | 18.9 | 18.7 | 16.9 | 4 | 4 | N/A | N | 15.8 | 18.9 | 17.575 | |
| | Tetrachloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Toluene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Total Dissolved Solids | mg/L | Quarterly | 180 | 220 | 220 | 190 | 4 | 4 | N/A | N | 180 | 220 | 202.5 | |
| | Total Organic Carbon | mg/L | Quarterly | <1 | 3 | 7 | 2 | 4 | 3 | N/A | N | 2 | 7 | 4 | |
| | TPH | mg/L | Yearly | - | - | <10 | - | 1 | 1 | N/A | N | 0 | 0 | <10 | |
| | Total Phenolics | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Trichloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Xylenes | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Zinc | mg/L | Yearly | - | - | 70 | - | 1 | 1 | N/A | N | 70 | 70 | 70 | |
| | Total Alkalinity (Carbonate and Bicarbonate) | mg/L | Quarterly | <5 | <5 | <5 | <5 | 4 | 0 | N/A | N | 0 | 0 | #DIV/0! | |
| | Aluminium | mg/L | Yearly | - | - | 80 | - | 1 | 1 | N/A | N | 80 | 80 | 80 | |
| | Arsenic | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Barium | mg/L | Yearly | - | - | 150 | - | 1 | 1 | N/A | N | 150 | 150 | 150 | |
| | Benzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Benzo(a)pyrene | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Bicarbonate Alkalinity | mg/L | Quarterly | <5 | <5 | <5 | <5 | 4 | 0 | N/A | N | 0 | 0 | #DIV/0! | |
| | Cadmium | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Calcium (II) Ion | mg/L | Quarterly | 1 | 1 | 0.9 | 1 | 4 | 4 | N/A | N | 0.9 | 1 | 0.975 | |
| | Chloride | mg/L | Quarterly | 170 | 160 | 130 | 130 | 4 | 4 | N/A | N | 130 | 170 | 147.5 | |
| | Chromium (Hexavalent) | mg/L | Yearly | - | - | <0.005 | - | 1 | 1 | N/A | N | 0 | 0 | <0.005 | |
| | Chromium (Total) | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Cobalt | mg/L | Yearly | - | - | 16 | - | 1 | 1 | N/A | N | 16 | 16 | 16 | |
| | Copper | mg/L | Yearly | - | - | 9 | - | 1 | 1 | N/A | N | 9 | 9 | 9 | |
| | Ethylbenzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Fluoride | mg/L | Yearly | - | - | <0.1 | - | 1 | 0 | N/A | N | 0 | 0 | #DIV/0! | |
| | Lead | mg/L | Yearly | - | - | 3 | - | 1 | 1 | N/A | N | 3 | 3 | 3 | |
| | Magnesium (II) Ion | mg/L | Quarterly | 12 | 11 | 11 | 11 | 4 | 4 | N/A | N | 11 | 12 | 11.25 | |
| | Manganese | mg/L | Yearly | - | - | 610 | - | 1 | 1 | N/A | N | 610 | 610 | 610 | |
| | Mercury | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Nickel | mg/L | Yearly | - | - | 16 | - | 1 | 1 | N/A | N | 16 | 16 | 16 | |
| | Nitrate as N in water | mg/L | Quarterly | 0.02 | 0.66 | <0.005 | 0.01 | 4 | 3 | N/A | N | 0.01 | 0.66 | 0.23 | |
| | Nitrite as N in water | mg/L | Quarterly | <0.005 | <0.005 | <0.005 | <0.005 | 4 | 4 | N/A | N | 0 | 0 | <0.005 | |
| **MB038 (EPA ID 24)** | Ammonia as N | mg/L | Quarterly | 0.097 | <0.005 | <0.005 | 0.021 | 4 | 4 | 1mg/L | N | 0.021 | 0.097 | 0.059 | |
| | OCP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | OPP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | PCBs | mg/L | Yearly | - | - | <2 | - | 1 | 1 | N/A | N | 0 | 0 | <2 | |
| | pH (field) | pH units | Quarterly | 5.07 | 3.8 | 3.89 | 3.68 | 4 | 4 | N/A | N | 3.68 | 5.07 | 4.11 | |
| | Phosphorus | mg/L | Quarterly | <0.05 | <0.05 | 0.09 | 1 | 4 | 4 | N/A | N | 0.09 | 1 | 0.545 | |
| | PAH | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Potassium (I) Ion | mg/L | Quarterly | 2 | 1 | 1 | 1 | 4 | 4 | N/A | N | 1 | 2 | 1.25 | |
| | Redox (field) | mV | Quarterly | 118.3 | 137 | 69 | 281.6 | 4 | 4 | N/A | N | 69 | 281.6 | 151.475 | |
| | Selenium | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Sodium (Na) | mg/L | Quarterly | 74 | 68 | 81 | 63 | 4 | 4 | N/A | N | 63 | 81 | 71.5 | |
| | Standing Water Level | mBTOC | Quarterly | 22.43 | 24.48 | 25.26 | 23.84 | 4 | 4 | N/A | N | 22.43 | 25.26 | 24.0025 | |
| | Sulphate | mg/L | Quarterly | 9 | 42 | 12 | 12 | 4 | 4 | N/A | N | 9 | 42 | 18.75 | |
| | Temperature (field) | deg c | Quarterly | 17.9 | 24.2 | 21.8 | 16.6 | 4 | 4 | N/A | N | 16.6 | 24.2 | 20.125 | |
| | Tetrachloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Toluene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Total Dissolved Solids | mg/L | Quarterly | 260 | 320 | 280 | 260 | 4 | 4 | N/A | N | 260 | 320 | 280 | |
| | Total Organic Carbon | mg/L | Quarterly | 2 | 3 | 2 | 3 | 4 | 4 | N/A | N | 2 | 3 | 2.5 | |
| | TPH | mg/L | Yearly | - | - | <10 | - | 1 | 1 | N/A | N | 0 | 0 | <10 | |
| | Total Phenolics | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Trichloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Xylenes | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Zinc | mg/L | Yearly | - | - | 180 | - | 1 | 1 | N/A | N | 180 | 180 | 180 | |
| | Total Alkalinity (Carbonate and Bicarbonate) | mg/L | Quarterly | 21 | 10 | 9 | 23 | 4 | 4 | N/A | N | 9 | 23 | 15.75 | |
| | Aluminium | mg/L | Yearly | - | - | 20 | - | 1 | 1 | N/A | N | 20 | 20 | 20 | |
| | Arsenic | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Barium | mg/L | Yearly | - | - | 160 | - | 1 | 1 | N/A | N | 160 | 160 | 160 | |
| | Benzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Benzo(a)pyrene | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Bicarbonate Alkalinity | mg/L | Quarterly | 21 | 10 | 9 | 23 | 4 | 4 | N/A | N | 9 | 23 | 15.75 | |
| | Cadmium | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Calcium (II) Ion | mg/L | Quarterly | 2 | 2 | 2 | 2 | 4 | 4 | N/A | N | 2 | 2 | 2 | |
| | Chloride | mg/L | Quarterly | 98 | 92 | 80 | 81 | 4 | 4 | N/A | N | 80 | 98 | 87.75 | |
| | Chromium (Hexavalent) | mg/L | Yearly | - | - | <0.005 | - | 1 | 1 | N/A | N | 0 | 0 | <0.005 | |
| | Chromium (Total) | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Cobalt | mg/L | Yearly | - | - | 4 | - | 1 | 1 | N/A | N | 4 | 4 | 4 | |
| | Copper | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Ethylbenzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Fluoride | mg/L | Yearly | - | - | <0.1 | - | 1 | 0 | N/A | N | 0 | 0 | #DIV/0! | |
| | Lead | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Magnesium (II) Ion | mg/L | Quarterly | 6.8 | 6.6 | 6 | 6 | 4 | 4 | N/A | N | 6 | 6.8 | 6.35 | |
| | Manganese | mg/L | Yearly | - | - | 520 | - | 1 | 1 | N/A | N | 520 | 520 | 520 | |
| | Mercury | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Nickel | mg/L | Yearly | - | - | 5 | - | 1 | 1 | N/A | N | 5 | 5 | 5 | |
| | Nitrate as N in water | mg/L | Quarterly | 0.006 | <0.005 | <0.005 | 0.008 | 4 | 2 | N/A | N | 0.006 | 0.008 | 0.007 | |
| | Nitrite as N in water | mg/L | Quarterly | <0.005 | <0.005 | <0.005 | <0.005 | 4 | 4 | N/A | N | 0 | 0 | <0.005 | |
| **MB040 (EPA ID 26)** | Ammonia as N | mg/L | Quarterly | 0.056 | 0.013 | 0.008 | 0.01 | 4 | 4 | 1mg/L | N | 0.008 | 0.056 | 0.02175 | |

| Sampling Point as per Licence | Pollutant | Unit of measure | Monitoring Frequency Required by licence | 11-12/09/2023 | 20-21/12/2023 | 14/15/3/2024 | 12-13/06/2024 | No. of samples required | No. of samples collected and analysed | Pollutant Limit | Exceedance (Y/N) | Min | Max | Average | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | OCP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | OPP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | PCBs | mg/L | Yearly | - | - | <2 | - | 1 | 1 | N/A | N | 0 | 0 | <2 | |
| | pH (field) | pH units | Quarterly | 4.75 | 4.3 | 4.18 | 5.75 | 4 | 4 | N/A | N | 4.18 | 5.75 | 4.745 | |
| | Phosphorus | mg/L | Quarterly | 0.1 | 0.06 | 0.1 | 1 | 4 | 4 | N/A | N | 0.06 | 1 | 0.315 | |
| | PAH | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Potassium (I) Ion | mg/L | Quarterly | 2 | 1 | 2 | 1 | 4 | 4 | N/A | N | 1 | 2 | 1.5 | |
| | Redox (field) | mV | Quarterly | 129.3 | 11 | 15 | 4.3 | 4 | 4 | N/A | N | 4.3 | 129.3 | 39.9 | |
| | Selenium | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Sodium (Na) | mg/L | Quarterly | 41 | 41 | 52 | 39 | 4 | 4 | N/A | N | 39 | 52 | 43.25 | |
| | Standing Water Level | mBTOC | Quarterly | 12.67 | 12.86 | 14.37 | 12.63 | 4 | 4 | N/A | N | 12.63 | 14.37 | 13.1325 | |
| | Sulphate | mg/L | Quarterly | 11 | 12 | 12 | 15 | 4 | 4 | N/A | N | 11 | 15 | 12.5 | |
| | Temperature (field) | deg c | Quarterly | 17.8 | 20.8 | 21.1 | 18 | 4 | 4 | N/A | N | 17.8 | 21.1 | 19.425 | |
| | Tetrachloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Toluene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Total Dissolved Solids | mg/L | Quarterly | 210 | 210 | 270 | 180 | 4 | 4 | N/A | N | 180 | 270 | 217.5 | |
| | Total Organic Carbon | mg/L | Quarterly | <1 | 18 | 130 | 2 | 4 | 3 | N/A | N | 2 | 130 | 50 | |
| | TPH | mg/L | Yearly | - | - | <10 | - | 1 | 1 | N/A | N | 0 | 0 | <10 | |
| | Total Phenolics | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Trichloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Xylenes | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Zinc | mg/L | Yearly | - | - | 40 | - | 1 | 1 | N/A | N | 40 | 40 | 40 | |
| | Total Alkalinity (Carbonate and Bicarbonate) | mg/L | Quarterly | * | * | * | <5 | 4 | 1 | N/A | N | 0 | 0 | #DIV/0! | |
| | Aluminium | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | * | |
| | Arsenic | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | * | |
| | Barium | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | * | |
| | Benzene | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | * | |
| | Benzo(a)pyrene | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | * | |
| | Bicarbonate Alkalinity | mg/L | Quarterly | * | * | * | <5 | 4 | 1 | N/A | N | 0 | 0 | #DIV/0! | |
| | Cadmium | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | * | |
| | Calcium (II) Ion | mg/L | Quarterly | * | * | * | 2 | 4 | 1 | N/A | N | 2 | 2 | 2 | |
| | Chloride | mg/L | Quarterly | * | * | * | 95 | 4 | 1 | N/A | N | 95 | 95 | 95 | |
| | Chromium (Hexavalent) | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | * | |
| | Chromium (Total) | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | * | |
| | Cobalt | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | #DIV/0! | |
| | Copper | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | * | |
| | Ethylbenzene | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | * | |
| | Fluoride | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | #DIV/0! | |
| | Lead | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | * | |
| | Magnesium (II) Ion | mg/L | Quarterly | * | * | * | 12 | 4 | 1 | N/A | N | 12 | 12 | 12 | |
| | Manganese | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | #DIV/0! | |
| | Mercury | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | * | |
| | Nickel | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | #DIV/0! | |
| | Nitrate as N in water | mg/L | Quarterly | * | * | * | 0.78 | 4 | 1 | N/A | N | 0.78 | 0.78 | 0.78 | |
| | Nitrite as N in water | mg/L | Quarterly | * | * | * | <0.005 | 4 | 1 | N/A | N | 0 | 0 | * | |
| **MB041 (EPA ID 27)** | Ammonia as N | mg/L | Quarterly | * | * | * | 0.034 | 4 | 1 | 1mg/L | N | 0.034 | 0.034 | 0.034 | |
| | OCP | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | * | |
| | OPP | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | * | |
| | PCBs | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | * | |
| | pH (field) | pH units | Quarterly | * | * | * | 4.05 | 4 | 1 | N/A | N | 4.05 | 4.05 | 4.05 | |
| | Phosphorus | mg/L | Quarterly | * | * | * | 2 | 4 | 1 | N/A | N | 2 | 2 | 2 | |
| | PAH | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | * | |
| | Potassium (I) Ion | mg/L | Quarterly | * | * | * | 2 | 4 | 1 | N/A | N | 2 | 2 | 2 | |
| | Redox (field) | mV | Quarterly | * | * | * | 215.61 | 4 | 1 | N/A | N | 215.61 | 215.61 | 215.61 | |
| | Selenium | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | * | |
| | Sodium (Na) | mg/L | Quarterly | * | * | * | 48 | 4 | 1 | N/A | N | 48 | 48 | 48 | |
| | Standing Water Level | mBTOC | Quarterly | * | * | * | 7.58 | 4 | 1 | N/A | N | 7.58 | 7.58 | 7.58 | |
| | Sulphate | mg/L | Quarterly | * | * | * | 69 | 4 | 1 | N/A | N | 69 | 69 | 69 | |
| | Temperature (field) | deg c | Quarterly | * | * | * | 17.8 | 4 | 1 | N/A | N | 17.8 | 17.8 | 17.8 | |
| | Tetrachloroethene | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | * | |
| | Toluene | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | * | |
| | Total Dissolved Solids | mg/L | Quarterly | * | * | * | 270 | 4 | 1 | N/A | N | 270 | 270 | 270 | |
| | Total Organic Carbon | mg/L | Quarterly | * | * | * | 4 | 4 | 1 | N/A | N | 4 | 4 | 4 | |
| | TPH | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | * | |
| | Total Phenolics | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | * | |
| | Trichloroethene | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | * | |
| | Xylenes | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | * | |
| | Zinc | mg/L | Yearly | - | - | * | - | 1 | 0 | N/A | N | 0 | 0 | #DIV/0! | |
| | Total Alkalinity (Carbonate and Bicarbonate) | mg/L | Quarterly | 21 | 19 | 23 | 24 | 4 | 4 | N/A | N | 19 | 24 | 21.75 | |
| | Aluminium | mg/L | Yearly | - | - | <10 | - | 1 | 1 | N/A | N | 0 | 0 | <10 | |
| | Arsenic | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Barium | mg/L | Yearly | - | - | 170 | - | 1 | 1 | N/A | N | 170 | 170 | 170 | |
| | Benzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Benzo(a)pyrene | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Bicarbonate Alkalinity | mg/L | Quarterly | 21 | 19 | 23 | 24 | 4 | 4 | N/A | N | 19 | 24 | 21.75 | |
| | Cadmium | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Calcium (II) Ion | mg/L | Quarterly | 3 | 3 | 3 | 3 | 4 | 4 | N/A | N | 3 | 3 | 3 | |
| | Chloride | mg/L | Quarterly | 76 | 79 | 68 | 67 | 4 | 4 | N/A | N | 67 | 79 | 72.5 | |
| | Chromium (Hexavalent) | mg/L | Yearly | - | - | <0.005 | - | 1 | 1 | N/A | N | 0 | 0 | <0.005 | |
| | Chromium (Total) | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Cobalt | mg/L | Yearly | - | - | 3 | - | 1 | 1 | N/A | N | 3 | 3 | 3 | |
| | Copper | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Ethylbenzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Fluoride | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | #DIV/0! | |
| | Lead | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Magnesium (II) Ion | mg/L | Quarterly | 9.2 | 8.7 | 8.9 | 8.7 | 4 | 4 | N/A | N | 8.7 | 9.2 | 8.875 | |
| | Manganese | mg/L | Yearly | - | - | 220 | - | 1 | 1 | N/A | N | 220 | 220 | 220 | |
| | Mercury | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Nickel | mg/L | Yearly | - | - | 7 | - | 1 | 1 | N/A | N | 7 | 7 | 7 | |
| | Nitrate as N in water | mg/L | Quarterly | 0.03 | 0.04 | <0.005 | <0.005 | 4 | 4 | N/A | N | 0.03 | 0.04 | 0.035 | |
| **MB044 (EPA ID 45)** | Nitrite as N in water | mg/L | Quarterly | <0.005 | <0.005 | <0.005 | <0.005 | 4 | 4 | N/A | N | 0 | 0 | <0.005 | |

| Sampling Point as per Licence | Pollutant | Unit of measure | Monitoring Frequency Required by licence | 11-12/09/2023 | 20-21/12/2023 | 14/15/3/2024 | 12-13/06/2024 | No. of samples required | No. of samples collected and analysed | Pollutant Limit | Exceedance (Y/N) | Min | Max | Average | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MB044 (EPA ID 45) | Ammonia as N | mg/L | Quarterly | 0.015 | 0.005 | 0.006 | 0.023 | 4 | 4 | 1mg/L | N | 0.005 | 0.023 | 0.01225 | |
| | OCP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | OPP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | PCBs | mg/L | Yearly | - | - | <2 | - | 1 | 1 | N/A | N | 0 | 0 | <2 | |
| | pH (field) | pH units | Quarterly | 5.31 | 6.2 | 5.1 | 5.42 | 4 | 4 | N/A | N | 5.1 | 6.2 | 5.5075 | |
| | Phosphorus | mg/L | Quarterly | <0.05 | <0.05 | 0.06 | 2 | 4 | 4 | N/A | N | 0.06 | 2 | 1.03 | |
| | PAH | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Potassium (I) Ion | mg/L | Quarterly | 1 | 1 | 2 | 2 | 4 | 4 | N/A | N | 1 | 2 | 1.5 | |
| | Redox (field) | mV | Quarterly | 113.8 | -11.9 | -19 | 196.4 | 4 | 4 | N/A | N | -19 | 196.4 | 69.825 | |
| | Selenium | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Sodium (Na) | mg/L | Quarterly | 32 | 32 | 42 | 32 | 4 | 4 | N/A | N | 32 | 42 | 34.5 | |
| | Standing Water Level | mBTOC | Quarterly | 19.78 | 20.78 | 20.14 | 20.34 | 4 | 4 | N/A | N | 19.78 | 20.78 | 20.26 | |
| | Sulphate | mg/L | Quarterly | 7 | 8 | 7 | 7 | 4 | 4 | N/A | N | 7 | 8 | 7.25 | |
| | Temperature (field) | deg c | Quarterly | 22.8 | 17 | 24.5 | 17.1 | 4 | 4 | N/A | N | 17 | 24.5 | 20.35 | |
| | Tetrachloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Toluene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Total Dissolved Solids | mg/L | Quarterly | 170 | 180 | 220 | 190 | 4 | 4 | N/A | N | 170 | 220 | 190 | |
| | Total Organic Carbon | mg/L | Quarterly | 1 | 3 | 2 | 3 | 4 | 4 | N/A | N | 1 | 3 | 2.25 | |
| | TPH | mg/L | Yearly | - | - | <10 | - | 1 | 1 | N/A | N | 0 | 0 | <10 | |
| | Total Phenolics | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Trichloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Xylenes | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Zinc | mg/L | Yearly | - | - | 22 | - | 1 | 1 | N/A | N | 22 | 22 | 22 | |
| MB045 (EPA ID 46) | Total Alkalinity (Carbonate and Bicarbonate) | mg/L | Quarterly | 19 | 21 | 24 | 22 | 4 | 4 | N/A | N | 19 | 24 | 21.5 | |
| | Aluminium | mg/L | Yearly | - | - | 20 | - | 1 | 1 | N/A | N | 20 | 20 | 20 | |
| | Arsenic | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Barium | mg/L | Yearly | - | - | 190 | - | 1 | 1 | N/A | N | 190 | 190 | 190 | |
| | Benzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Benzo(a)pyrene | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Bicarbonate Alkalinity | mg/L | Quarterly | 19 | 21 | 24 | 22 | 4 | 4 | N/A | N | 19 | 24 | 21.5 | |
| | Cadmium | mg/L | Yearly | - | - | 0.2 | - | 1 | 1 | N/A | N | 0.2 | 0.2 | 0.2 | |
| | Calcium (II) Ion | mg/L | Quarterly | 3 | 3 | 3 | 3 | 4 | 4 | N/A | N | 3 | 3 | 3 | |
| | Chloride | mg/L | Quarterly | 73 | 78 | 69 | 69 | 4 | 4 | N/A | N | 69 | 78 | 72.25 | |
| | Chromium (Hexavalent) | mg/L | Yearly | - | - | <0.005 | - | 1 | 1 | N/A | N | 0 | 0 | <0.005 | |
| | Chromium (Total) | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Cobalt | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | #DIV/0! | |
| | Copper | mg/L | Yearly | - | - | 2 | - | 1 | 1 | N/A | N | 2 | 2 | 2 | |
| | Ethylbenzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Fluoride | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | #DIV/0! | |
| | Lead | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Magnesium (II) Ion | mg/L | Quarterly | 9.4 | 9.8 | 8.8 | 8.5 | 4 | 4 | N/A | N | 8.5 | 9.8 | 9.125 | |
| | Manganese | mg/L | Yearly | - | - | 87 | - | 1 | 1 | N/A | N | 87 | 87 | 87 | |
| | Mercury | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Nickel | mg/L | Yearly | - | - | 7 | - | 1 | 1 | N/A | N | 7 | 7 | 7 | |
| | Nitrate as N in water | mg/L | Quarterly | 0.074 | 0.12 | 0.092 | 0.04 | 4 | 4 | N/A | N | 0.04 | 0.12 | 0.0815 | |
| | Nitrite as N in water | mg/L | Quarterly | <0.005 | <0.005 | <0.005 | <0.005 | 4 | 4 | N/A | N | 0 | 0 | <0.005 | |
| | Ammonia as N | mg/L | Quarterly | 0.011 | 0.012 | <0.005 | 0.008 | 4 | 4 | 1mg/L | N | 0.008 | 0.012 | 0.010333333 | |
| | OCP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | OPP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | PCBs | mg/L | Yearly | - | - | <2 | - | 1 | 1 | N/A | N | 0 | 0 | <2 | |
| | pH (field) | pH units | Quarterly | 5.16 | 5.8 | 5.4 | 0.41 | 4 | 4 | N/A | N | 0.41 | 5.8 | 4.1925 | |
| | Phosphorus | mg/L | Quarterly | <0.05 | <0.05 | <0.05 | 2 | 4 | 4 | N/A | N | 2 | 2 | 2 | |
| | PAH | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Potassium (I) Ion | mg/L | Quarterly | 2 | 2 | 2 | 2 | 4 | 4 | N/A | N | 2 | 2 | 2 | |
| | Redox (field) | mV | Quarterly | 114 | 14 | -29 | 130.5 | 4 | 4 | N/A | N | -29 | 130.5 | 57.375 | |
| | Selenium | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Sodium (Na) | mg/L | Quarterly | 32 | 32 | 47 | 31 | 4 | 4 | N/A | N | 31 | 47 | 35.5 | |
| | Standing Water Level | mBTOC | Quarterly | 14.93 | 14.95 | 14.68 | 14.82 | 4 | 4 | N/A | N | 14.68 | 14.95 | 14.845 | |
| | Sulphate | mg/L | Quarterly | 6 | 8 | 7 | 7 | 4 | 4 | N/A | N | 6 | 8 | 7 | |
| | Temperature (field) | deg c | Quarterly | 18.5 | 17.8 | 20.6 | 17.9 | 4 | 4 | N/A | N | 17.8 | 20.6 | 18.7 | |
| | Tetrachloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Toluene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Total Dissolved Solids | mg/L | Quarterly | 170 | 190 | 250 | 160 | 4 | 4 | N/A | N | 160 | 250 | 192.5 | |
| | Total Organic Carbon | mg/L | Quarterly | <1 | 3 | 8 | <1 | 4 | 4 | N/A | N | 3 | 8 | 5.5 | |
| | TPH | mg/L | Yearly | - | - | <10 | - | 1 | 1 | N/A | N | 0 | 0 | <10 | |
| | Total Phenolics | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Trichloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Xylenes | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Zinc | mg/L | Yearly | - | - | 43 | - | 1 | 1 | N/A | N | 43 | 43 | 43 | |
| | Total Alkalinity (Carbonate and Bicarbonate) | mg/L | Quarterly | 66 | 29 | 44 | 62 | 4 | 4 | N/A | N | 29 | 66 | 50.25 | |
| | Aluminium | mg/L | Yearly | - | - | 20 | - | 1 | 1 | N/A | N | 20 | 20 | 20 | |
| | Arsenic | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Barium | mg/L | Yearly | - | - | 170 | - | 1 | 1 | N/A | N | 170 | 170 | 170 | |
| | Benzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Benzo(a)pyrene | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Bicarbonate Alkalinity | mg/L | Quarterly | 66 | 29 | 44 | 62 | 4 | 4 | N/A | N | 29 | 66 | 50.25 | |
| | Cadmium | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Calcium (II) Ion | mg/L | Quarterly | 7.1 | 9.6 | 6.6 | 7 | 4 | 4 | N/A | N | 6.6 | 9.6 | 7.575 | |
| | Chloride | mg/L | Quarterly | 110 | 96 | 87 | 89 | 4 | 4 | N/A | N | 87 | 110 | 95.5 | |
| | Chromium (Hexavalent) | mg/L | Yearly | - | - | <0.005 | - | 1 | 1 | N/A | N | 0 | 0 | <0.005 | |
| | Chromium (Total) | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Cobalt | mg/L | Yearly | - | - | 7 | - | 1 | 1 | N/A | N | 7 | 7 | 7 | |
| | Copper | mg/L | Yearly | - | - | 3 | - | 1 | 1 | N/A | N | 3 | 3 | 3 | |
| | Ethylbenzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Fluoride | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | #DIV/0! | |
| | Lead | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Magnesium (II) Ion | mg/L | Quarterly | 10 | 11 | 9 | 9.3 | 4 | 4 | N/A | N | 9 | 11 | 9.825 | |
| | Manganese | mg/L | Yearly | - | - | 850 | - | 1 | 1 | N/A | N | 850 | 850 | 850 | |
| | Mercury | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Nickel | mg/L | Yearly | - | - | 9 | - | 1 | 1 | N/A | N | 9 | 9 | 9 | |
| | Nitrate as N in water | mg/L | Quarterly | 0.009 | 0.02 | <0.005 | <0.005 | 4 | 2 | N/A | N | 0.009 | 0.02 | 0.0145 | |

| Sampling Point as per Licence | Pollutant | Unit of measure | Monitoring Frequency Required by licence | 11-12/09/2023 | 20-21/12/2023 | 14/15/3/2024 | 12-13/06/2024 | No. of samples required | No. of samples collected and analysed | Pollutant Limit | Exceedance (Y/N) | Min | Max | Average | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MB305 (EPA ID 16) | Nitrite as N in water | mg/L | Quarterly | <0.005 | <0.005 | <0.005 | <0.005 | 4 | 4 | N/A | N | 0 | 0 | <0.005 | |
| | Ammonia as N | mg/L | Quarterly | 0.11 | 0.097 | 0.019 | 0.022 | 4 | 4 | 1mg/L | N | 0.019 | 0.11 | 0.062 | |
| | OCP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | OPP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | PCBs | mg/L | Yearly | - | - | <2 | - | 1 | 1 | N/A | N | 0 | 0 | <2 | |
| | pH (field) | pH units | Quarterly | 5.48 | 4.4 | 4.45 | 5.63 | 4 | 4 | N/A | N | 4.4 | 5.63 | 4.99 | |
| | Phosphorus | mg/L | Quarterly | 0.1 | <0.05 | 0.2 | 2 | 4 | 4 | N/A | N | 0.1 | 2 | 0.766666667 | |
| | PAH | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Potassium (I) Ion | mg/L | Quarterly | 2 | 2 | 2 | 2 | 4 | 4 | N/A | N | 2 | 2 | 2 | |
| | Redox (field) | mV | Quarterly | 72.6 | -8 | -106 | 91.7 | 4 | 4 | N/A | N | -106 | 91.7 | 12.575 | |
| | Selenium | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Sodium (Na) | mg/L | Quarterly | 42 | 45 | 55 | 61 | 4 | 4 | N/A | N | 42 | 61 | 50.75 | |
| | Standing Water Level | mBTOC | Quarterly | 9.26 | 10.43 | 10.93 | 10.53 | 4 | 4 | N/A | N | 9.26 | 10.93 | 10.2875 | |
| | Sulphate | mg/L | Quarterly | 12 | 17 | 12 | 15 | 4 | 4 | N/A | N | 12 | 17 | 14 | |
| | Temperature (field) | deg c | Quarterly | 17.4 | 24.8 | 21.8 | 14.9 | 4 | 4 | N/A | N | 14.9 | 24.8 | 19.725 | |
| | Tetrachloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Toluene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Total Dissolved Solids | mg/L | Quarterly | 240 | 240 | 290 | 230 | 4 | 4 | N/A | N | 230 | 290 | 250 | |
| | Total Organic Carbon | mg/L | Quarterly | 1 | 16 | 130 | 1 | 4 | 4 | N/A | N | 1 | 130 | 37 | |
| | TPH | mg/L | Yearly | - | - | <10 | - | 1 | 1 | N/A | N | 0 | 0 | <10 | |
| | Total Phenolics | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Trichloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Xylenes | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Zinc | mg/L | Yearly | - | - | 110 | - | 1 | 1 | N/A | N | 110 | 110 | 110 | |
| MB306 (EPA ID 17) | Total Alkalinity (Carbonate and Bicarbonate) | mg/L | Quarterly | <5 | <5 | <5 | <5 | 4 | 4 | N/A | N | 0 | 0 | #DIV/0! | |
| | Aluminium | mg/L | Yearly | - | - | 700 | - | 1 | 1 | N/A | N | 700 | 700 | 700 | |
| | Arsenic | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Barium | mg/L | Yearly | - | - | 84 | - | 1 | 1 | N/A | N | 84 | 84 | 84 | |
| | Benzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Benzo(a)pyrene | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Bicarbonate Alkalinity | mg/L | Quarterly | <5 | <5 | <5 | <5 | 4 | 4 | N/A | N | 0 | 0 | #DIV/0! | |
| | Cadmium | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Calcium (II) Ion | mg/L | Quarterly | 4 | 4 | 3 | 4 | 4 | 4 | N/A | N | 3 | 4 | 3.75 | |
| | Chloride | mg/L | Quarterly | 110 | 110 | 97 | 110 | 4 | 4 | N/A | N | 97 | 110 | 106.75 | |
| | Chromium (Hexavalent) | mg/L | Yearly | - | - | <0.005 | - | 1 | 1 | N/A | N | 0 | 0 | <0.005 | |
| | Chromium (Total) | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Cobalt | mg/L | Yearly | - | - | 2 | - | 1 | 1 | N/A | N | 2 | 2 | 2 | |
| | Copper | mg/L | Yearly | - | - | 10 | - | 1 | 1 | N/A | N | 10 | 10 | 10 | |
| | Ethylbenzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Fluoride | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | #DIV/0! | |
| | Lead | mg/L | Yearly | - | - | 8 | - | 1 | 1 | N/A | N | 8 | 8 | 8 | |
| | Magnesium (II) Ion | mg/L | Quarterly | 8.1 | 7.9 | 7.2 | 8.1 | 4 | 4 | N/A | N | 7.2 | 8.1 | 7.825 | |
| | Manganese | mg/L | Yearly | - | - | 87 | - | 1 | 1 | N/A | N | 87 | 87 | 87 | |
| | Mercury | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Nickel | mg/L | Yearly | - | - | 3 | - | 1 | 1 | N/A | N | 3 | 3 | 3 | |
| | Nitrate as N in water | mg/L | Quarterly | 0.25 | 0.42 | 0.5 | 0.25 | 4 | 4 | N/A | N | 0.25 | 0.5 | 0.355 | |
| | Nitrite as N in water | mg/L | Quarterly | <0.005 | <0.005 | <0.005 | <0.005 | 4 | 4 | N/A | N | 0 | 0 | <0.005 | |
| | Ammonia as N | mg/L | Quarterly | 0.046 | 0.013 | 0.023 | 0.046 | 4 | 4 | 1mg/L | N | 0.013 | 0.046 | 0.032 | |
| | OCP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | OPP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | PCBs | mg/L | Yearly | - | - | <2 | - | 1 | 1 | N/A | N | 0 | 0 | <2 | |
| | pH (field) | pH units | Quarterly | 4.59 | 4.2 | 3.8 | 4.59 | 4 | 4 | N/A | N | 3.8 | 4.59 | 4.295 | |
| | Phosphorus | mg/L | Quarterly | 0.05 | <0.05 | <0.05 | 0.8 | 4 | 4 | N/A | N | 0.05 | 0.8 | 0.425 | |
| | PAH | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Potassium (I) Ion | mg/L | Quarterly | 0.8 | 0.7 | 0.7 | 0.8 | 4 | 4 | N/A | N | 0.7 | 0.8 | 0.75 | |
| | Redox (field) | mV | Quarterly | 151.3 | 69 | -54.5 | 151.3 | 4 | 4 | N/A | N | -54.5 | 151.3 | 79.275 | |
| | Selenium | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Sodium (Na) | mg/L | Quarterly | 46 | 46 | 61 | 46 | 4 | 4 | N/A | N | 46 | 61 | 49.75 | |
| | Standing Water Level | mBTOC | Quarterly | 6.3 | 6.03 | 5.83 | 6.3 | 4 | 4 | N/A | N | 5.83 | 6.3 | 6.115 | |
| | Sulphate | mg/L | Quarterly | 8 | 15 | 11 | 8 | 4 | 4 | N/A | N | 8 | 15 | 10.5 | |
| | Temperature (field) | deg c | Quarterly | 16.5 | 20 | 20.3 | 16.5 | 4 | 4 | N/A | N | 16.5 | 20.3 | 18.325 | |
| | Tetrachloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Toluene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Total Dissolved Solids | mg/L | Quarterly | 220 | 210 | 280 | 220 | 4 | 4 | N/A | N | 210 | 280 | 232.5 | |
| | Total Organic Carbon | mg/L | Quarterly | 1 | 16 | 170 | 1 | 4 | 4 | N/A | N | 1 | 170 | 47 | |
| | TPH | mg/L | Yearly | - | - | <10 | - | 1 | 1 | N/A | N | 0 | 0 | <10 | |
| | Total Phenolics | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Trichloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Xylenes | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Zinc | mg/L | Yearly | - | - | 54 | - | 1 | 1 | N/A | N | 54 | 54 | 54 | |
| | Total Alkalinity (Carbonate and Bicarbonate) | mg/L | Quarterly | 86 | 48 | 68 | 70 | 4 | 4 | N/A | N | 48 | 86 | 68 | |
| | Aluminium | mg/L | Yearly | - | - | 20 | - | 1 | 1 | N/A | N | 20 | 20 | 20 | |
| | Arsenic | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Barium | mg/L | Yearly | - | - | 110 | - | 1 | 1 | N/A | N | 110 | 110 | 110 | |
| | Benzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Benzo(a)pyrene | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Bicarbonate Alkalinity | mg/L | Quarterly | 86 | 48 | 68 | 70 | 4 | 4 | N/A | N | 48 | 86 | 68 | |
| | Cadmium | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Calcium (II) Ion | mg/L | Quarterly | 5.8 | 14 | 8.2 | 12 | 4 | 4 | N/A | N | 5.8 | 14 | 10 | |
| | Chloride | mg/L | Quarterly | 190 | 180 | 160 | 170 | 4 | 4 | N/A | N | 160 | 190 | 175 | |
| | Chromium (Hexavalent) | mg/L | Yearly | - | - | <0.005 | - | 1 | 1 | N/A | N | 0 | 0 | <0.005 | |
| | Chromium (Total) | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Cobalt | mg/L | Yearly | - | - | 5 | - | 1 | 1 | N/A | N | 5 | 5 | 5 | |
| | Copper | mg/L | Yearly | - | - | 3 | - | 1 | 1 | N/A | N | 3 | 3 | 3 | |
| | Ethylbenzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Fluoride | mg/L | Yearly | - | - | 0.3 | - | 1 | 1 | N/A | N | 0.3 | 0.3 | 0.3 | |
| | Lead | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Magnesium (II) Ion | mg/L | Quarterly | 16 | 18 | 15 | 16 | 4 | 4 | N/A | N | 15 | 18 | 16.25 | |
| | Manganese | mg/L | Yearly | - | - | 770 | - | 1 | 1 | N/A | N | 770 | 770 | 770 | |
| | Mercury | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Nickel | mg/L | Yearly | - | - | 9 | - | 1 | 1 | N/A | N | 9 | 9 | 9 | |

| Sampling Point as per Licence | Pollutant | Unit of measure | Monitoring Frequency Required by licence | 11-12/09/2023 | 20-21/12/2023 | 14/15/3/2024 | 12-13/06/2024 | No. of samples required | No. of samples collected and analysed | Pollutant Limit | Exceedance (Y/N) | Min | Max | Average | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MB047 (EPA ID 48) | Nitrate as N in water | mg/L | Quarterly | <0.005 | <0.005 | <0.005 | 0.02 | 4 | 1 | N/A | N | 0.02 | 0.02 | 0.02 | |
| | Nitrite as N in water | mg/L | Quarterly | <0.005 | <0.005 | <0.005 | <0.005 | 4 | 4 | N/A | N | 0 | 0 | <0.005 | |
| | Ammonia as N | mg/L | Quarterly | 0.14 | 0.055 | 0.045 | 0.011 | 4 | 4 | 1mg/L | N | 0.011 | 0.14 | 0.06275 | |
| | OCP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | OPP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | PCBs | mg/L | Yearly | - | - | <2 | - | 1 | 1 | N/A | N | 0 | 0 | <2 | |
| | pH (field) | pH units | Quarterly | 5.5 | 4.57 | 5.87 | 6.71 | 4 | 4 | N/A | N | 4.57 | 6.71 | 5.6625 | |
| | Phosphorus | mg/L | Quarterly | 0.08 | 0.08 | 0.1 | 3 | 4 | 4 | N/A | N | 0.08 | 3 | 0.815 | |
| | PAH | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Potassium (I) Ion | mg/L | Quarterly | 4 | 5 | 3 | 3 | 4 | 4 | N/A | N | 3 | 5 | 3.75 | |
| | Redox (field) | mV | Quarterly | 64.3 | 130.2 | 43.7 | 174.6 | 4 | 4 | N/A | N | 43.7 | 174.6 | 103.2 | |
| | Selenium | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Sodium (Na) | mg/L | Quarterly | 110 | 110 | 98 | 120 | 4 | 4 | N/A | N | 98 | 120 | 109.5 | |
| | Standing Water Level | mBTOC | Quarterly | 30.12 | 31.15 | 31.49 | 31.03 | 4 | 4 | N/A | N | 30.12 | 31.49 | 30.9475 | |
| | Sulphate | mg/L | Quarterly | 22 | 25 | 20 | 21 | 4 | 4 | N/A | N | 20 | 25 | 22 | |
| | Temperature (field) | deg c | Quarterly | 17.3 | 21.4 | 32 | 17.6 | 4 | 4 | N/A | N | 17.3 | 32 | 22.075 | |
| | Tetrachloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Toluene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Total Dissolved Solids | mg/L | Quarterly | 390 | 440 | 440 | 430 | 4 | 4 | N/A | N | 390 | 440 | 425 | |
| | Total Organic Carbon | mg/L | Quarterly | <1 | 27 | 150 | 5 | 4 | 3 | N/A | N | 5 | 150 | 60.66666667 | |
| | TPH | mg/L | Yearly | - | - | <10 | - | 1 | 1 | N/A | N | 0 | 0 | <10 | |
| | Total Phenolics | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Trichloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Xylenes | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Zinc | mg/L | Yearly | - | - | 62 | - | 1 | 1 | N/A | N | 62 | 62 | 62 | |
| MB046 (EPA ID 47) | Total Alkalinity (Carbonate and Bicarbonate) | mg/L | Quarterly | 55 | 52 | 56 | 65 | 4 | 4 | N/A | N | 52 | 65 | 57 | |
| | Aluminium | mg/L | Yearly | - | - | 40 | - | 1 | 1 | N/A | N | 40 | 40 | 40 | |
| | Arsenic | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Barium | mg/L | Yearly | - | - | 99 | - | 1 | 1 | N/A | N | 99 | 99 | 99 | |
| | Benzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Benzo(a)pyrene | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Bicarbonate Alkalinity | mg/L | Quarterly | 55 | 52 | 56 | 65 | 4 | 4 | N/A | N | 52 | 65 | 57 | |
| | Cadmium | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Calcium (II) Ion | mg/L | Quarterly | 15 | 19 | 14 | 14 | 4 | 4 | N/A | N | 14 | 19 | 15.5 | |
| | Chloride | mg/L | Quarterly | 440 | 400 | 360 | 390 | 4 | 4 | N/A | N | 360 | 440 | 397.5 | |
| | Chromium (Hexavalent) | mg/L | Yearly | - | - | <0.005 | - | 1 | 1 | N/A | N | 0 | 0 | <0.005 | |
| | Chromium (Total) | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Cobalt | mg/L | Yearly | - | - | 20 | - | 1 | 1 | N/A | N | 20 | 20 | 20 | |
| | Copper | mg/L | Yearly | - | - | 6 | - | 1 | 1 | N/A | N | 6 | 6 | 6 | |
| | Ethylbenzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Fluoride | mg/L | Yearly | - | - | 0.2 | - | 1 | 1 | N/A | N | 0.2 | 0.2 | 0.2 | |
| | Lead | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Magnesium (II) Ion | mg/L | Quarterly | 43 | 43 | 39 | 40 | 4 | 4 | N/A | N | 39 | 43 | 41.25 | |
| | Manganese | mg/L | Yearly | - | - | 1200 | - | 1 | 1 | N/A | N | 1200 | 1200 | 1200 | |
| | Mercury | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Nickel | mg/L | Yearly | - | - | 19 | - | 1 | 1 | N/A | N | 19 | 19 | 19 | |
| | Nitrate as N in water | mg/L | Quarterly | 0.19 | 0.063 | 0.01 | 0.01 | 4 | 4 | N/A | N | 0.01 | 0.19 | 0.06825 | |
| | Nitrite as N in water | mg/L | Quarterly | <0.005 | <0.005 | <0.005 | <0.005 | 4 | 4 | N/A | N | 0 | 0 | <0.005 | |
| | Ammonia as N | mg/L | Quarterly | 0.23 | <0.005 | 0.014 | <0.005 | 4 | 4 | 1mg/L | N | 0.014 | 0.23 | 0.122 | |
| | OCP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | OPP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | PCBs | mg/L | Yearly | - | - | <2 | - | 1 | 1 | N/A | N | 0 | 0 | <2 | |
| | pH (field) | pH units | Quarterly | 4.67 | 4.9 | 5.83 | 5.92 | 4 | 4 | N/A | N | 4.67 | 5.92 | 5.33 | |
| | Phosphorus | mg/L | Quarterly | <0.05 | <0.05 | <0.05 | 3 | 4 | 4 | N/A | N | 3 | 3 | 3 | |
| | PAH | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Potassium (I) Ion | mg/L | Quarterly | 3 | 4.0 | 3 | 3 | 4 | 4 | N/A | N | 3 | 4 | 3.25 | |
| | Redox (field) | mV | Quarterly | 128 | 81 | 76 | 191 | 4 | 4 | N/A | N | 76 | 191 | 119 | |
| | Selenium | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Sodium (Na) | mg/L | Quarterly | 220 | 230.00 | 200 | 220 | 4 | 4 | N/A | N | 200 | 230 | 217.5 | |
| | Standing Water Level | mBTOC | Quarterly | 21.85 | 21.97 | 21.97 | 21.91 | 4 | 4 | N/A | N | 21.85 | 21.97 | 21.925 | |
| | Sulphate | mg/L | Quarterly | 32 | 31 | 27 | 39 | 4 | 4 | N/A | N | 27 | 39 | 32.25 | |
| | Temperature (field) | deg c | Quarterly | 17.5 | 18.1 | 32 | 17.4 | 4 | 4 | N/A | N | 17.4 | 32 | 21.25 | |
| | Tetrachloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Toluene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Total Dissolved Solids | mg/L | Quarterly | 870 | 950 | 980 | 840 | 4 | 4 | N/A | N | 840 | 980 | 910 | |
| | Total Organic Carbon | mg/L | Quarterly | <1 | 22 | 210 | <1 | 4 | 4 | N/A | N | 22 | 210 | 116 | |
| | TPH | mg/L | Yearly | - | - | <10 | - | 1 | 1 | N/A | N | 0 | 0 | <10 | |
| | Total Phenolics | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Trichloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Xylenes | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Zinc | mg/L | Yearly | - | - | 57 | - | 1 | 1 | N/A | N | 57 | 57 | 57 | |
| | Total Alkalinity (Carbonate and Bicarbonate) | mg/L | Quarterly | 42 | 65 | 85 | 89 | 4 | 4 | N/A | N | 42 | 89 | 70.25 | |
| | Aluminium | mg/L | Yearly | - | - | <10 | - | 1 | 1 | N/A | N | 0 | 0 | <10 | |
| | Arsenic | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Barium | mg/L | Yearly | - | - | 92 | - | 1 | 1 | N/A | N | 92 | 92 | 92 | |
| | Benzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Benzo(a)pyrene | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Bicarbonate Alkalinity | mg/L | Quarterly | 42 | 65 | 85 | 89 | 4 | 4 | N/A | N | 42 | 89 | 70.25 | |
| | Cadmium | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Calcium (II) Ion | mg/L | Quarterly | 22 | 42 | 35 | 32 | 4 | 4 | N/A | N | 22 | 42 | 32.75 | |
| | Chloride | mg/L | Quarterly | 160 | 150 | 130 | 140 | 4 | 4 | N/A | N | 130 | 160 | 145 | |
| | Chromium (Hexavalent) | mg/L | Yearly | - | - | <0.005 | - | 1 | 1 | N/A | N | 0 | 0 | <0.005 | |
| | Chromium (Total) | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Cobalt | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | #DIV/0! | |
| | Copper | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Ethylbenzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Fluoride | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | #DIV/0! | |
| | Lead | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Magnesium (II) Ion | mg/L | Quarterly | 10 | 13 | 9 | 9.4 | 4 | 4 | N/A | N | 9 | 13 | 10.35 | |
| | Manganese | mg/L | Yearly | - | - | 13 | - | 1 | 1 | N/A | N | 13 | 13 | 13 | |
| | Mercury | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |

| Sampling Point as per Licence | Pollutant | Unit of measure | Monitoring Frequency Required by licence | 11-12/09/2023 | 20-21/12/2023 | 14/15/3/2024 | 12-13/06/2024 | No. of samples required | No. of samples collected and analysed | Pollutant Limit | Exceedance (Y/N) | Min | Max | Average | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MB048 (EPA ID 49) | Nickel | mg/L | Yearly | - | - | 2 | - | 1 | 1 | N/A | N | 2 | 2 | 2 | |
| | Nitrate as N in water | mg/L | Quarterly | 0.058 | 0.083 | 0.28 | 0.068 | 4 | 4 | N/A | N | 0.058 | 0.28 | 0.12225 | |
| | Nitrite as N in water | mg/L | Quarterly | <0.005 | <0.005 | <0.005 | <0.005 | 4 | 4 | N/A | N | 0 | 0 | <0.005 | |
| | Ammonia as N | mg/L | Quarterly | 0.072 | <0.005 | 0.014 | 0.01 | 4 | 4 | 1mg/L | N | 0.01 | 0.072 | 0.032 | |
| | OCP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | OPP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | PCBs | mg/L | Yearly | - | - | <2 | - | 1 | 1 | N/A | N | 0 | 0 | <2 | |
| | pH (field) | pH units | Quarterly | 6.16 | 6.79 | 5.89 | 7.13 | 4 | 4 | N/A | N | 5.89 | 7.13 | 6.4925 | |
| | Phosphorus | mg/L | Quarterly | <0.05 | <0.05 | <0.05 | 3 | 4 | 4 | N/A | N | 3 | 3 | 3 | |
| | PAH | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Potassium (I) Ion | mg/L | Quarterly | 2 | 2 | 3 | 3 | 4 | 4 | N/A | N | 2 | 3 | 2.5 | |
| | Redox (field) | mV | Quarterly | 58.5 | 83.9 | 52 | 181.7 | 4 | 4 | N/A | N | 52 | 181.7 | 94.025 | |
| | Selenium | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Sodium (Na) | mg/L | Quarterly | 74 | 77 | 71 | 95 | 4 | 4 | N/A | N | 71 | 95 | 79.25 | |
| | Standing Water Level | mBTOC | Quarterly | 18.22 | 21.67 | 21.9 | 19.27 | 4 | 4 | N/A | N | 18.22 | 21.9 | 20.265 | |
| | Sulphate | mg/L | Quarterly | 15 | 16 | 14 | 15 | 4 | 4 | N/A | N | 14 | 16 | 15 | |
| | Temperature (field) | deg c | Quarterly | 18.9 | 18.8 | 32 | 17.8 | 4 | 4 | N/A | N | 17.8 | 32 | 21.875 | |
| | Tetrachloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Toluene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Total Dissolved Solids | mg/L | Quarterly | 360 | 440 | 430 | 370 | 4 | 4 | N/A | N | 360 | 440 | 400 | |
| | Total Organic Carbon | mg/L | Quarterly | <1 | 2 | 10 | 5 | 4 | 4 | N/A | N | 2 | 10 | 5.666666667 | |
| | TPH | mg/L | Yearly | - | - | <10 | - | 1 | 1 | N/A | N | 0 | 0 | <10 | |
| | Total Phenolics | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Trichloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Xylenes | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Zinc | mg/L | Yearly | - | - | 4 | - | 1 | 1 | N/A | N | 4 | 4 | 4 | |
| MB049 (EPA ID 50) | Total Alkalinity (Carbonate and Bicarbonate) | mg/L | Quarterly | 220 | 220 | 190 | 150 | 4 | 4 | N/A | N | 150 | 220 | 195 | |
| | Aluminium | mg/L | Yearly | - | - | <10 | - | 1 | 1 | N/A | N | 0 | 0 | <10 | |
| | Arsenic | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Barium | mg/L | Yearly | - | - | 88 | - | 1 | 1 | N/A | N | 88 | 88 | 88 | |
| | Benzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Benzo(a)pyrene | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Bicarbonate Alkalinity | mg/L | Quarterly | 220 | 220 | 190 | 150 | 4 | 4 | N/A | N | 150 | 220 | 195 | |
| | Cadmium | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Calcium (II) Ion | mg/L | Quarterly | 37 | 44 | 31 | 58 | 4 | 4 | N/A | N | 31 | 58 | 42.5 | |
| | Chloride | mg/L | Quarterly | 160 | 150 | 140 | 150 | 4 | 4 | N/A | N | 140 | 160 | 150 | |
| | Chromium (Hexavalent) | mg/L | Yearly | - | - | <0.005 | - | 1 | 1 | N/A | N | 0 | 0 | <0.005 | |
| | Chromium (Total) | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Cobalt | mg/L | Yearly | - | - | 4 | - | 1 | 1 | N/A | N | 4 | 4 | 4 | |
| | Copper | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Ethylbenzene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Fluoride | mg/L | Yearly | - | - | 0.3 | - | 1 | 1 | N/A | N | 0.3 | 0.3 | 0.3 | |
| | Lead | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Magnesium (II) Ion | mg/L | Quarterly | 15 | 19 | 13 | 6 | 4 | 4 | N/A | N | 6 | 19 | 13.25 | |
| | Manganese | mg/L | Yearly | - | - | 410 | - | 1 | 1 | N/A | N | 410 | 410 | 410 | |
| | Mercury | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Nickel | mg/L | Yearly | - | - | 5 | - | 1 | 1 | N/A | N | 5 | 5 | 5 | |
| | Nitrate as N in water | mg/L | Quarterly | 0.03 | 0.01 | 0.03 | 0.06 | 4 | 4 | N/A | N | 0.01 | 0.06 | 0.0325 | |
| | Nitrite as N in water | mg/L | Quarterly | <0.005 | <0.005 | <0.005 | <0.005 | 4 | 4 | N/A | N | 0 | 0 | <0.005 | |
| | Ammonia as N | mg/L | Quarterly | 0.13 | 0.027 | 0.28 | 0.056 | 4 | 4 | 1mg/L | N | 0.027 | 0.28 | 0.12325 | |
| | OCP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | OPP | mg/L | Yearly | - | - | <0.2 | - | 1 | 1 | N/A | N | 0 | 0 | <0.2 | |
| | PCBs | mg/L | Yearly | - | - | <2 | - | 1 | 1 | N/A | N | 0 | 0 | <2 | |
| | pH (field) | pH units | Quarterly | 6.42 | 6.7 | 6.78 | 7.84 | 4 | 4 | N/A | N | 6.42 | 7.84 | 6.935 | |
| | Phosphorus | mg/L | Quarterly | 0.06 | 0.1 | 0.09 | 4 | 4 | 4 | N/A | N | 0.06 | 4 | 1.0625 | |
| | PAH | mg/L | Yearly | - | - | <0.1 | - | 1 | 1 | N/A | N | 0 | 0 | <0.1 | |
| | Potassium (I) Ion | mg/L | Quarterly | 4 | 4 | 4 | 4 | 4 | 4 | N/A | N | 4 | 4 | 4 | |
| | Redox (field) | mV | Quarterly | -18.5 | -14 | 55.2 | 229.1 | 4 | 4 | N/A | N | -18.5 | 229.1 | 62.95 | |
| | Selenium | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Sodium (Na) | mg/L | Quarterly | 160 | 150 | 130 | 98 | 4 | 4 | N/A | N | 98 | 160 | 134.5 | |
| | Standing Water Level | mBTOC | Quarterly | 21.29 | 23.2 | 23.48 | 21.05 | 4 | 4 | N/A | N | 21.05 | 23.48 | 22.255 | |
| | Sulphate | mg/L | Quarterly | 48 | 38 | 31 | 32 | 4 | 4 | N/A | N | 31 | 48 | 37.25 | |
| | Temperature (field) | deg c | Quarterly | 18.5 | 18.6 | 31.9 | 18.5 | 4 | 4 | N/A | N | 18.5 | 31.9 | 21.875 | |
| | Tetrachloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Toluene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Total Dissolved Solids | mg/L | Quarterly | 470 | 570 | 560 | 440 | 4 | 4 | N/A | N | 440 | 570 | 510 | |
| | Total Organic Carbon | mg/L | Quarterly | <1 | 3 | 19 | 5 | 4 | 4 | N/A | N | 3 | 19 | 9 | |
| | TPH | mg/L | Yearly | - | - | <10 | - | 1 | 1 | N/A | N | 0 | 0 | <10 | |
| | Total Phenolics | mg/L | Yearly | - | - | <0.05 | - | 1 | 1 | N/A | N | 0 | 0 | <0.05 | |
| | Trichloroethene | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Xylenes | mg/L | Yearly | - | - | <1 | - | 1 | 1 | N/A | N | 0 | 0 | <1 | |
| | Zinc | mg/L | Yearly | - | - | 2 | - | 1 | 1 | N/A | N | 2 | 2 | 2 | |

*Dry well observed. Insufficient groundwater available for sampling.