

Groundwater Monitoring Data Dec 2023

| Published: (CARGILL TO INSERT WEB PUBLICATION DATE) Licensee: Cargill Newcastle EPL no.: 5810 | | | | | | | | | |
|--|---------------|-----------------------|-------------------------|---|-------|-------|---------------------|------------|-----------|
| Qualifications related to limits Samples taken as per approved methods. | | | | | | | | | |
| EPA Point ID | Sampling Date | Date Results Received | Analyte | Measurement Period and Monitoring Frequency Required by Licence | Units | Value | 2023 Values to date | | |
| | | | | | | | Min Value | Mean Value | Max Value |
| 7 | 12/12/2023 | 20/12/2023 | pH | Every 6 months | pH | 7.24 | 7.24 | 7.33 | 7.42 |
| | | | Conductivity | Every 6 months | µS/cm | 748 | 744 | 746 | 748 |
| | | | Calcium | Every 6 months | mg/L | 118 | 116 | 117 | 118 |
| | | | Magnesium | Every 6 months | mg/L | 7 | 7.0 | 8.50 | 0.01 |
| | | | Nitrate | Every 6 months | mg/L | 1.82 | 2.4 | 2.4 | 1.82 |
| | | | Nitrogen (total) | Every 6 months | mg/L | 3.3 | 2.4 | 2.9 | 3.3 |
| | | | Total Kjeldahl Nitrogen | Every 6 months | mg/L | 1.5 | 1.5 | 2.0 | 2.4 |
| | | | Phosphorus (total) | Every 6 months | mg/L | 1.28 | 0.6 | 0.9 | 1.3 |
| | | | Sodium | Every 6 months | mg/L | 39 | 27 | 33 | 39 |
| | | | Sulphate | Every 6 months | mg/L | <1 | 1 | 6 | 10 |
| | | | Total Dissolved Solids | Every 6 months | mg/L | 514 | 443 | 479 | 514 |
| | | | Standing Water Level | Every 6 months | m | 1 | 1 | 1 | 1 |
| 18 | 12/12/2023 | 20/12/2023 | n-Hexane | Every 6 months | mg/L | <0.01 | <0.01 | <0.01 | <0.01 |
| | | | Standing Water Level | Every 6 months | m | 1 | 1 | 1 | 1 |
| 19 | 12/12/2023 | 20/12/2023 | n-Hexane | Every 6 months | mg/L | <0.01 | <0.01 | <0.01 | <0.01 |
| | | | Standing Water Level | Every 6 months | m | 1 | 1 | 1 | 1 |
| 20 | 12/12/2023 | 20/12/2023 | n-Hexane | Every 6 months | mg/L | <0.01 | <0.01 | <0.01 | <0.01 |
| | | | Standing Water Level | Every 6 months | m | 1 | 1 | 1 | 1 |
| 21 | 12/12/2023 | 20/12/2023 | n-Hexane | Every 6 months | mg/L | <0.01 | <0.01 | <0.01 | <0.01 |
| | | | Standing Water Level | Every 6 months | m | 1 | 1 | 1 | 1 |