

## PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 July 2022 to 30 June 2023

Treatment Works: Oldford Treated

## Prescribed Concentration Values

| Test Description                 | No. of Samples | No. of Failures | Min    | Mean   | Max    | PCV  | Units     |
|----------------------------------|----------------|-----------------|--------|--------|--------|------|-----------|
| Coliforms Confirmed              | 365            |                 | 0.00   | 0.00   | 0.00   | 0    | cfu/100mL |
| E.Coli Confirmed                 | 365            |                 | 0.00   | 0.00   | 0.00   | 0    | cfu/100mL |
| Total Coliforms (Confirmed)      | 365            |                 | 0.00   | 0.00   | 0.00   | 0    | cfu/100mL |
| Clostridia Perfringens Confirmed | 53             |                 | 0.00   | 0.00   | 0.00   | 0    | cfu/100mL |
| Colony Count after 3 days @22C   | 365            |                 | 0.00   | 0.08   | 5.00   |      | cfu/mL    |
| Field Free Chlorine              | 365            |                 | 0.37   | 0.53   | 0.74   |      | mg/L      |
| Field Total Chlorine             | 365            |                 | 0.39   | 0.57   | 0.81   |      | mg/L      |
| Conductivity                     | 53             |                 | 564.00 | 594.98 | 631.00 | 2500 | uS/cm     |
| Turbidity - Indicator            | 365            |                 | < 0.13 | 0.15   | 0.47   | 1    | ntu       |
| Benzene                          | 8              |                 | < 0.06 | 0.06   | 0.06   | 1    | µg/l      |
| Boron Total                      | 8              |                 | 40.20  | 47.59  | 52.80  |      | µg/l      |
| Chloride as Cl                   | 8              |                 | 19.40  | 20.14  | 20.60  | 250  | mgCl/l    |
| Cyanide Total as CN              | 8              |                 | < 1.20 | 1.20   | 1.20   | 50   | µgCN/l    |
| Fluoride                         | 8              |                 | 350.00 | 362.50 | 380.00 | 1500 | µg/l      |
| Mercury Total                    | 8              |                 | < 0.04 | 0.04   | 0.06   |      | µgHg/l    |
| Nitrate as NO3                   | 8              |                 | 24.09  | 26.22  | 27.70  |      | mgNO3/l   |
| Nitrite as NO2                   | 8              |                 | < 0.00 | 0.00   | 0.00   | 0.1  | mgNO2/l   |
| Total Oxidised Nitrogen          | 8              |                 | 24.09  | 26.22  | 27.70  |      | mg/L      |
| Nitrogen Formula                 | 8              |                 | 0.48   | 0.53   | 0.56   |      | mg/L      |
| Sulphate                         | 8              |                 | 36.70  | 37.99  | 39.00  | 250  | mgSO4/l   |
| Total organic Carbon             | 8              |                 | < 0.70 | 0.70   | 0.71   | 0.0  | mg/L      |
| 1,2 Dichloroethane               | 8              |                 | < 0.16 | 0.16   | 0.16   | 3    | µg/l      |
| Tetrachloroethene                | 8              |                 | < 0.45 | 0.45   | 0.45   |      | µg/l      |
| Trichloroethene                  | 8              |                 | < 0.40 | 0.40   | 0.40   |      | µg/l      |
| Total Chlorethenes               | 8              |                 | 0.85   | 0.85   | 0.85   | 10   | µg/l      |
| Tetrachloromethane               | 8              |                 | < 0.16 | 0.16   | 0.16   | 3    | µg/l      |

**Prescribed Concentration Values**

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| <b>Test Description</b> | <b>No. of Samples</b> | <b>No. of Failures</b> | <b>Min</b> | <b>Mean</b> | <b>Max</b> | <b>PCV</b> | <b>Units</b> |
|-------------------------|-----------------------|------------------------|------------|-------------|------------|------------|--------------|
| Total Pesticides        | 8                     |                        | 0.00       | 0.01        | 0.04       | 0.5        | µg/l         |
| Glyphosate              | 8                     |                        | < 0.00     | 0.01        | 0.04       | 0.1        | µg/l         |