

# PUBLIC REGISTER OF INFORMATION

Water Quality Summary Date Range: 01 Jan 2025 to 31 Dec 2025

Water Supply Zone: 412

Water Supply Zone Area: Kingswood, Fishponds and Mangotsfield

Water Supply Zone Population: 58972

## Prescribed Concentration Values

| Result Description             | No. of Samples | No. of Failures | Min     | Mean  | Max     | PCV   | Units     |
|--------------------------------|----------------|-----------------|---------|-------|---------|-------|-----------|
| Ammonium Total                 | 52             | 0               | 0.008   | 0.01  | 0.025   | 0     | MGNH_4    |
| Antimony Total                 | 8              | 0               | 0.12    | 0.25  | 0.52    |       | UGSB      |
| Arsenic Total                  | 8              | 0               | 0.14    | 0.28  | 0.4     | 10    | UGAS      |
| Benzo(a)Pyrene                 | 8              | 0               | 0.42    | 0.46  | 0.49    | 10    | NG_P_L    |
| Benzobfluoranthene             | 8              | 0               | 0.0007  | 0     | 0.00137 |       | UG_P_L    |
| Benzo-Ghi-Perylene             | 8              | 0               | 0.00048 | 0     | 0.00077 |       | UG_P_L    |
| Benzo(k)fluoranthene           | 8              | 0               | 0.00099 | 0     | 0.00107 |       | UG_P_L    |
| Bromate as BrO3                | 8              | 0               | 0.3     | 1.93  | 4.93    | 10    | UGBRO     |
| Bromodichloromethane           | 8              | 0               | 1.6     | 6.56  | 12.78   |       | UG_P_L    |
| Cadmium Total                  | 8              | 0               | 0.011   | 0.01  | 0.03    |       | UGCDL     |
| Chromium Total                 | 8              | 0               | 0.13    | 0.17  | 0.25    |       | UGCRL     |
| Coliforms Confirmed            | 16             | 0               | 0       | 0     | 0       |       | CFU_100ML |
| Colony Count after 3 days @22C | 144            | 0               | 0       | 8.45  | 300     |       | CFU_1ML   |
| Colour                         | 53             | 0               | 3       | 3     | 3       | 20    | MG_PT_CO  |
| Dibromochloromethane           | 8              | 0               | 3.29    | 9.04  | 20.31   |       | UG_P_L    |
| E.Coli Confirmed               | 145            | 0               | 0       | 0     | 0       | 0     | CFU_100ML |
| Enterococci Confirmed          | 8              | 0               | 0       | 0     | 0       | 0     | CFU_100ML |
| Field Free Chlorine            | 145            | 0               | 0.05    | 0.53  | 1.13    |       | MG_P_L    |
| Field Total Chlorine           | 145            | 0               | 0.16    | 0.65  | 1.24    |       | MG_P_L    |
| First Draw Copper              | 8              | 0               | 0.82    | 9.67  | 18.8    | 2,000 | UG_P_L    |
| First Draw Nickel              | 8              | 0               | 0.91    | 1.46  | 2.13    | 20    | UGNI      |
| First Draw Pb                  | 8              | 0               | 0.06    | 0.12  | 0.3     | 10    | UGPB      |
| Hydrogen ion (pH)              | 52             | 0               | 7.28    | 7.53  | 7.83    |       | PH        |
| Indeno-123-Cd-Pyrene           | 8              | 0               | 0.00104 | 0     | 0.0022  |       | UG_P_L    |
| Nitrate as NO3                 | 8              | 0               | 17.2    | 21.74 | 30.4    | 50    | MGNO_3    |
| Nitrite as NO2 (consumer tap)  | 8              | 0               | 0.003   | 0     | 0.008   | 0.5   | MGNO_2    |
| Nitrogen Formula               | 8              | 0               | 0.345   | 0.43  | 0.61    |       | MG_P_L    |
| Odour Dilution Number          | 52             | 0               | 0       | 0     | 0       | 0     | NONE      |
| PAH Total                      | 8              | 0               | 0       | 0     | 0       | 0.1   | UG_P_L    |

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| <b>Result 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> |
|-----------------------------|-----------------------|------------------------|------------|-------------|------------|------------|--------------|
| Selenium Total              | 8                     | 0                      | 0.25       | 0.27        | 0.32       | 10         | UGSE         |
| Sodium                      | 8                     | 0                      | 27.1       | 47.24       | 78.7       | 200        | MGNA         |
| Taste Dilution Number       | 52                    | 0                      | 0          | 0           | 0          | 0          | NONE         |
| Total Aluminium as Al       | 53                    | 0                      | 5          | 13.24       | 33.9       | 200        | UGAL         |
| Total Coliforms (Indicator) | 145                   | 0                      | 0          | 0           | 0          | 0          | CFU_100ML    |
| Total Iron                  | 52                    | 0                      | 3.72       | 12.25       | 33.4       | 200        | UGFE         |
| Total Manganese             | 53                    | 0                      | 0.3        | 1.48        | 2.43       | 50         | UGMN         |
| Total Oxidised Nitrogen     | 8                     | 0                      | 17.2       | 21.74       | 30.4       |            | MG_P_L       |
| Total Trihalomethanes       | 8                     | 0                      | 7.41       | 24.38       | 50.25      | 100        | MICROG_L     |
| Tribromomethane             | 8                     | 0                      | 1.31       | 3.26        | 9.19       |            | UG_P_L       |
| Trichloromethane            | 8                     | 0                      | 1.05       | 5.53        | 11.5       |            | UG_P_L       |
| Turbidity (Treated)         | 52                    | 0                      | 0.11       | 0.14        | 0.24       | 4          | NTU          |