

# PUBLIC REGISTER OF INFORMATION

**Water Quality Summary Date Range: 01 Jul 2024 to 30 Jun 2025**

**Water Supply Zone: 403**

**Water Supply Zone Area: Sherston, Marshfield and Pucklechurch**

**Water Supply Zone Population: 21526**

## Prescribed Concentration Values

| Result Description             | No. of Samples | No. of Failures | Min     | Mean  | Max     | PCV   | Units     |
|--------------------------------|----------------|-----------------|---------|-------|---------|-------|-----------|
| Ammonium Total                 | 24             | 0               | 0.008   | 0.01  | 0.024   | 0     | MGNH_4    |
| Antimony Total                 | 8              | 0               | 0.01    | 0.17  | 0.36    |       | UGSB      |
| Arsenic Total                  | 8              | 0               | 0.08    | 0.33  | 0.56    | 10    | UGAS      |
| Benzo(a)Pyrene                 | 8              | 0               | 0.42    | 0.42  | 0.42    | 10    | NG_P_L    |
| Benzobfluoranthene             | 8              | 0               | 0.0007  | 0     | 0.00096 |       | UG_P_L    |
| Benzo-Ghi-Perylene             | 8              | 0               | 0.00077 | 0     | 0.00077 |       | UG_P_L    |
| Benzo(k)fluoranthene           | 8              | 0               | 0.00099 | 0     | 0.00099 |       | UG_P_L    |
| Bromate as BrO3                | 8              | 0               | 0.1     | 1.41  | 3.16    | 10    | UGBRO     |
| Bromodichloromethane           | 8              | 0               | 1.02    | 6.41  | 12.01   |       | UG_P_L    |
| Cadmium Total                  | 8              | 0               | 0.01    | 0.02  | 0.03    |       | UGCDL     |
| Chromium Total                 | 8              | 0               | 0.06    | 0.23  | 0.39    |       | UGCRL     |
| Coliforms Confirmed            | 7              | 0               | 0       | 0     | 0       |       | CFU_100ML |
| Colony Count after 3 days @22C | 59             | 0               | 0       | 2.25  | 65      |       | CFU_1ML   |
| Colour                         | 26             | 0               | 3       | 3     | 3       | 20    | MG_PT_CO  |
| Dibromochloromethane           | 8              | 0               | 3.95    | 9.27  | 16.3    |       | UG_P_L    |
| E.Coli Confirmed               | 59             | 0               | 0       | 0     | 0       | 0     | CFU_100ML |
| Enterococci Confirmed          | 8              | 0               | 0       | 0     | 0       | 0     | CFU_100ML |
| Field Free Chlorine            | 59             | 0               | 0.05    | 0.5   | 1.07    |       | MG_P_L    |
| Field Total Chlorine           | 59             | 0               | 0.14    | 0.59  | 1.17    |       | MG_P_L    |
| First Draw Copper              | 8              | 0               | 3.97    | 49.18 | 144     | 2,000 | UG_P_L    |
| First Draw Nickel              | 8              | 1               | 0.72    | 53.78 | 418     | 20    | UGNI      |
| First Draw Pb                  | 8              | 0               | 0.08    | 0.53  | 2.64    | 10    | UGPB      |
| Hydrogen ion (pH)              | 24             | 0               | 7.32    | 7.48  | 7.67    |       | PH        |
| Indeno-123-Cd-Pyrene           | 8              | 0               | 0.00104 | 0     | 0.00104 |       | UG_P_L    |
| Nitrate as NO3                 | 8              | 0               | 2.13    | 14.57 | 20.4    | 50    | MGNO_3    |
| Nitrite as NO2 (consumer tap)  | 8              | 0               | 0.002   | 0     | 0.003   | 0.5   | MGNO_2    |
| Nitrogen Formula               | 8              | 0               | 0.044   | 0.29  | 0.409   |       | MG_P_L    |
| Odour Dilution Number          | 23             | 0               | 0       | 0     | 0       | 0     | NONE      |
| PAH Total                      | 8              | 0               | 0       | 0     | 0.001   | 0.1   | UG_P_L    |

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Prescribed Concentration Values

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|-----------------------------|----------------|-----------------|-------|-------|-------|-----|-----------|
| Selenium Total              | 8              | 0               | 0.08  | 0.26  | 0.32  | 10  | UGSE      |
| Sodium                      | 8              | 0               | 21.4  | 37.39 | 57.9  | 200 | MGNA      |
| Taste Dilution Number       | 23             | 0               | 0     | 0     | 0     | 0   | NONE      |
| Total Aluminium as Al       | 24             | 0               | 5     | 10.07 | 32.4  | 200 | UGAL      |
| Total Coliforms (Indicator) | 59             | 0               | 0     | 0     | 0     | 0   | CFU_100ML |
| Total Iron                  | 25             | 0               | 3.72  | 9.36  | 17.3  | 200 | UGFE      |
| Total Manganese             | 25             | 0               | 0.3   | 1     | 2.76  | 50  | UGMN      |
| Total Oxidised Nitrogen     | 8              | 0               | 2.13  | 14.57 | 20.4  |     | MG_P_L    |
| Total Trihalomethanes       | 8              | 0               | 10.73 | 24.22 | 44.81 | 100 | MICROG_L  |
| Tribromomethane             | 8              | 0               | 2.12  | 4.9   | 9.41  |     | UG_P_L    |
| Trichloromethane            | 8              | 0               | 0.67  | 3.72  | 7.53  |     | UG_P_L    |
| Turbidity (Treated)         | 24             | 0               | 0.07  | 0.16  | 0.33  | 4   | NTU       |