

**PUBLIC REGISTER OF INFORMATION**

**Water Quality Summary Date Range:** 01 July 2020 to 30 June 2021  
**Water Supply Zone:** 403  
**Water Supply Zone Area:** Sherston, Marshfield and Pucklechurch  
**Water Supply Zone Population:** 20,904

**Prescribed Concentration Values**

| Test Description              | No. of Samples | No. of Failures | Min    | Mean  | Max    | PCV  | Units      |
|-------------------------------|----------------|-----------------|--------|-------|--------|------|------------|
| Total Aluminium as Al         | 23             |                 | < 6.90 | 10.08 | 22.40  | 200  | ugAl/l     |
| Antimony Total                | 9              |                 | 0.02   | 0.14  | 0.36   |      | µgSb/l     |
| Arsenic Total                 | 9              |                 | 0.06   | 0.16  | 0.33   | 10   | µgAs/l     |
| Benzo(a)Pyrene                | 9              |                 | < 0.57 | 0.57  | 0.57   | 10   | ng/L       |
| Bromate as BrO3               | 9              |                 | 0.15   | 0.92  | 1.80   | 10   | µgBrO3/l   |
| Cadmium Total                 | 9              |                 | < 0.01 | 0.02  | 0.03   |      | µgCd/l     |
| Colour                        | 21             |                 | < 2.90 | 2.90  | 2.90   | 20   | mg/l Pt/Co |
| Chromium Total                | 9              |                 | 0.04   | 0.13  | 0.21   |      | µgCr/l     |
| First Draw Copper             | 11             |                 | 2.50   | 57.08 | 329.00 | 2000 | µg/l       |
| E.Coli Confirmed              | 60             |                 | 0.00   | 0.00  | 0.00   | 0    | cfu/100mL  |
| Enterococci Confirmed         | 9              |                 | 0.00   | 0.00  | 0.00   | 0    | cfu/100mL  |
| Total Iron                    | 23             |                 | < 3.72 | 10.09 | 40.10  | 200  | µgFe/l     |
| First Draw Pb                 | 11             |                 | < 0.02 | 0.05  | 0.11   | 10   | µgPb/l     |
| Total Manganese               | 23             |                 | 0.30   | 0.71  | 1.83   | 50   | µgMn/l     |
| First Draw Nickel             | 11             |                 | 0.38   | 1.60  | 4.89   | 20   | µgNi/l     |
| Nitrate as NO3                | 9              |                 | 2.13   | 14.58 | 22.95  |      | mgNO3/l    |
| Nitrite as NO2 (consumer tap) | 9              |                 | < 0.00 | 0.00  | 0.00   |      | mgNO2/l    |
| Odour Dilution Number         | 25             | 2               | 0.00   | 0.20  | 4.00   | 0    | -          |
| PAH Total                     | 9              |                 | 0.00   | 0.00  | 0.00   | 0.1  | µg/l       |
| Selenium Total                | 9              |                 | < 0.08 | 0.24  | 0.32   | 10   | µgSe/l     |
| Sodium                        | 9              |                 | 28.90  | 38.13 | 55.60  | 200  | mgNa/l     |
| Taste Dilution Number         | 25             | 1               | 0.00   | 0.04  | 1.00   | 0    | -          |
| Total Trihalomethanes         | 9              |                 | 4.44   | 17.86 | 40.38  | 100  | µg/l       |
| Turbidity (Treated)           | 22             |                 | 0.13   | 0.18  | 0.38   | 4    | ntu        |
| Hydrogen ion (pH)             | 24             |                 | 7.33   | 7.47  | 7.58   | 9.5  | pH units   |

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|--------------------------------|----------------|-----------------|--------|------|------|-----|-----------|
| Ammonium Total                 | 24             |                 | < 0.01 | 0.01 | 0.01 |     | mgNH4/l   |
| Colony Count after 3 days @22C | 60             |                 | 0.00   | 0.32 | 8.00 |     | cfu/mL    |
| Total Coliforms (Indicator)    | 60             |                 | 0.00   | 0.00 | 0.00 | 0   | cfu/100mL |
| Field Free Chlorine            | 60             |                 | 0.05   | 0.44 | 0.80 |     | mg/L      |
| Field Total Chlorine           | 60             |                 | 0.12   | 0.52 | 0.89 |     | mg/L      |