

Result Summary Report

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|-----------------------|-------------------------|---------------------|-----|
| Program: | Drinking Water Program | Barcode: | All |
| Collected Date Range: | 01-03-2015 - 31-03-2015 | Entered Date Range: | - |
| AHS: | All | | |
| PHU: | All | | |
| Water Utility: | All | | |
| Supply System: | All | | |
| Analysis Type: | All | | |
| Characteristics: | All | | |
| Treatment Plant: | Many | | |
| Treatment Type: | All | | |
| Source: | All | | |
| Town: | All | | |
| Sample Site: | All | | |
| Sample Count: | 44 | | |

| Analysis Type | Characteristic | Guideline Value | Units | Mean | Median | Standard Deviation | Min | Max | Sample Count | Exception Count | 95th Percentile | 5th Percentile | % meeting guideline values |
|---------------|----------------|-----------------|-------|------|--------|--------------------|-----|-----|--------------|-----------------|-----------------|----------------|----------------------------|
|---------------|----------------|-----------------|-------|------|--------|--------------------|-----|-----|--------------|-----------------|-----------------|----------------|----------------------------|

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|---------------|----------------------|-----------------|--------|---------|---------|--------------------|---------|---------|--------------|-----------------|-----------------|----------------|----------------------------|
| Chemistry | | | | | | | | | | | | | |
| | Aluminium | 0.2000 | mg/L | 0.0800 | 0.0800 | 0.0000 | 0.08 | 0.08 | 1 | 0 | 0.08 | 0.08 | 100.00 |
| | Antimony | 0.0030 | mg/L | 0.0005 | 0.0005 | 0.0000 | 0.0005 | 0.0005 | 1 | 0 | 0.0005 | 0.0005 | 100.00 |
| | Arsenic | 0.0100 | mg/L | 0.0005 | 0.0005 | 0.0000 | 0.0005 | 0.0005 | 1 | 0 | 0.0005 | 0.0005 | 100.00 |
| | Barium | 2.0000 | mg/L | 0.0310 | 0.0310 | 0.0000 | 0.031 | 0.031 | 1 | 0 | 0.031 | 0.031 | 100.00 |
| | Boron | 4.0000 | mg/L | 0.0500 | 0.0500 | 0.0000 | 0.05 | 0.05 | 1 | 0 | 0.05 | 0.05 | 100.00 |
| | Cadmium | 0.0020 | mg/L | 0.0003 | 0.0003 | 0.0000 | 0.00025 | 0.00025 | 1 | 0 | 0.00025 | 0.00025 | 100.00 |
| | Calcium | 10000.0000 | mg/L | 12.8000 | 12.8000 | 0.0000 | 12.8 | 12.8 | 1 | 0 | 12.8 | 12.8 | 100.00 |
| | Chloride | 250.0000 | mg/L | 13.0000 | 13.0000 | 0.0000 | 13 | 13 | 1 | 0 | 13 | 13 | 100.00 |
| | Chromium | 0.0500 | mg/L | 0.0025 | 0.0025 | 0.0000 | 0.0025 | 0.0025 | 1 | 0 | 0.0025 | 0.0025 | 100.00 |
| | Copper | 2.0000 | mg/L | 0.0350 | 0.0350 | 0.0000 | 0.035 | 0.035 | 1 | 0 | 0.035 | 0.035 | 100.00 |
| | Fluoride | 1.5000 | mg/L | 1.1700 | 1.1700 | 0.0000 | 1.17 | 1.17 | 1 | 0 | 1.17 | 1.17 | 100.00 |
| | Fluoride (WU result) | 1.5000 | mg/L | 1.1600 | 1.1600 | 0.0000 | 1.16 | 1.16 | 1 | 0 | 1.16 | 1.16 | 100.00 |
| | Fluoride Ratio | 0.8 - 1.2 | | 0.9900 | 0.9900 | 0.0000 | 0.99 | 0.99 | 1 | 0 | 0.99 | 0.99 | 100.00 |
| | Iodine | 0.5000 | mg/L | 0.0100 | 0.0100 | 0.0000 | 0.01 | 0.01 | 1 | 0 | 0.01 | 0.01 | 100.00 |
| | Iron | 0.3000 | mg/L | 0.0200 | 0.0200 | 0.0000 | 0.02 | 0.02 | 1 | 0 | 0.02 | 0.02 | 100.00 |
| | Lead | 0.0100 | mg/L | 0.0020 | 0.0020 | 0.0000 | 0.002 | 0.002 | 1 | 0 | 0.002 | 0.002 | 100.00 |
| | Magnesium | 10000.0000 | mg/L | 5.7500 | 5.7500 | 0.0000 | 5.75 | 5.75 | 1 | 0 | 5.75 | 5.75 | 100.00 |
| | Manganese | 0.5000 | mg/L | 0.0050 | 0.0050 | 0.0000 | 0.005 | 0.005 | 1 | 0 | 0.005 | 0.005 | 100.00 |
| | Mercury | 0.0010 | mg/L | 0.0001 | 0.0001 | 0.0000 | 0.00005 | 0.00005 | 1 | 0 | 0.00005 | 0.00005 | 100.00 |
| | Molybdenum | 0.0500 | mg/L | 0.0025 | 0.0025 | 0.0000 | 0.0025 | 0.0025 | 1 | 0 | 0.0025 | 0.0025 | 100.00 |
| Nickel | 0.0200 | mg/L | 0.0050 | 0.0050 | 0.0000 | 0.005 | 0.005 | 1 | 0 | 0.005 | 0.005 | 100.00 | |
| Nitrate | 50.0000 | mg/L | 0.5000 | 0.5000 | 0.0000 | 0.5 | 0.5 | 1 | 0 | 0.5 | 0.5 | 100.00 | |
| Nitrite | 3.0000 | mg/L | 0.0500 | 0.0500 | 0.0000 | 0.05 | 0.05 | 1 | 0 | 0.05 | 0.05 | 100.00 | |
| pH | 6.5 - 8.5 | | 7.6000 | 7.6000 | 0.0000 | 7.6 | 7.6 | 1 | 0 | 7.6 | 7.6 | 100.00 | |
| Selenium | 0.0100 | mg/L | 0.0010 | 0.0010 | 0.0000 | 0.001 | 0.001 | 1 | 0 | 0.001 | 0.001 | 100.00 | |

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|----------------|------------------------------|-----------------|------------------|---------|---------|--------------------|-------|-------|--------------|-----------------|-----------------|----------------|----------------------------|
| Chemistry | Silver | 0.1000 | mg/L | 0.0010 | 0.0010 | 0.0000 | 0.001 | 0.001 | 1 | 0 | 0.001 | 0.001 | 100.00 |
| | Sodium | 180.0000 | mg/L | 19.0000 | 19.0000 | 0.0000 | 19 | 19 | 1 | 0 | 19 | 19 | 100.00 |
| | Sulfate | 500.0000 | mg/L | 20.0000 | 20.0000 | 0.0000 | 20 | 20 | 1 | 0 | 20 | 20 | 100.00 |
| | Total Dissolved Solids (TDS) | 600.0000 | mg/L | 94.0000 | 94.0000 | 0.0000 | 94 | 94 | 1 | 0 | 94 | 94 | 100.00 |
| | Total Hardness as CaCO3 | 200.0000 | mg/L | 55.6000 | 55.6000 | 0.0000 | 55.6 | 55.6 | 1 | 0 | 55.6 | 55.6 | 100.00 |
| | True Colour | 15.0000 | Hazen Units (HU) | 1.0000 | 1.0000 | 0.0000 | 1 | 1 | 1 | 0 | 1 | 1 | 100.00 |
| | Turbidity | 5.0000 | NTU | 0.0500 | 0.0500 | 0.0000 | 0.05 | 0.05 | 1 | 0 | 0.05 | 0.05 | 100.00 |
| | Zinc | 3.0000 | mg/L | 0.0600 | 0.0600 | 0.0000 | 0.06 | 0.06 | 1 | 0 | 0.06 | 0.06 | 100.00 |
| Fluoride Plant | | | | | | | | | | | | | |
| | Fluoride (daily WU) | 0.9 - 1.5 | mg/L | 1.0845 | 1.1000 | 0.0936 | 0.8 | 1.24 | 31 | 2 | 1.18 | 0.87 | 93.55 |
| | Fluoride (weekly WU) | 0.9 - 1.5 | mg/L | 1.1038 | 1.1100 | 0.0417 | 1.04 | 1.16 | 8 | 0 | 1.16 | 1.04 | 100.00 |
| Microbiology | | | | | | | | | | | | | |
| | E. coli | 0.0000 | mpn/100 mL | 0.0000 | 0.0000 | 0.0000 | 0 | 0 | 4 | 0 | 0 | 0 | 100.00 |
| | Free Chlorine | 0.2 - 5 | mg/L | 0.2825 | 0.3300 | 0.1307 | 0.09 | 0.38 | 4 | 1 | 0.38 | 0.09 | 75.00 |
| | pH | 6.5 - 8.5 | | 7.3250 | 7.3000 | 0.0500 | 7.3 | 7.4 | 4 | 0 | 7.4 | 7.3 | 100.00 |
| | Total Chlorine | 5.0000 | mg/L | 0.1500 | 0.1500 | 0.0000 | 0.15 | 0.15 | 1 | 0 | 0.15 | 0.15 | 100.00 |
| | Total Coliforms | 0.0000 | mpn/100 mL | 0.0000 | 0.0000 | 0.0000 | 0 | 0 | 4 | 0 | 0 | 0 | 100.00 |
| | Turbidity | 5.0000 | NTU | 0.1875 | 0.1650 | 0.1021 | 0.09 | 0.33 | 4 | 0 | 0.33 | 0.09 | 100.00 |