

Program:	Drinking Water Monitoring Program,Operational Monitoring Program,Project Program	Report Type:	Results Summary Report
AHS:	All	Entered Date Range:	-
PHU:	All	Barcode:	All
Water Utility:	All	Analysis Type:	All
Supply System:	All	Characteristics:	All
Town:	All	Treatment Type:	All
Treatment Plant:	All	Collected Date Range:	01-12-2016 - 31-12-2016
Source:	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
Chemistry													
	Aluminium	0.2000	mg/L	0.0200	0.0200	0.0000	0.02	0.02	1	0	0.02	0.02	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	0.0220	0.0220	0.0000	0.022	0.022	1	0	0.022	0.022	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	8.2000	8.2000	0.0000	8.2	8.2	1	0	8.2	8.2	100.00
	Chloride	250.0000	mg/L	16.0000	16.0000	0.0000	16	16	1	0	16	16	100.00

Analysis Type	Characteristic	Guideline Value	Units	Mean	Median	Standard Deviation	Min	Max	Sample Count	Exception Count	95th Percentile	5th Percentile	% meeting guideline values
Chemistry	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	0.0025	0.0025	0.0000	0.0025	0.0025	1	0	0.0025	0.0025	100.00
	Fluoride	1.5000	mg/L	1.2800	1.2800	0.0000	1.28	1.28	1	0	1.28	1.28	100.00
	Fluoride (WU result)	1.5000	mg/L	1.0600	1.0600	0.0000	1.06	1.06	1	0	1.06	1.06	100.00
	Fluoride Ratio	0.8 - 1.2		0.8300	0.8300	0.0000	0.83	0.83	1	0	0.83	0.83	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	0.0050	0.0050	0.0000	0.005	0.005	1	0	0.005	0.005	100.00
	Lead	0.0100	mg/L	0.0010	0.0010	0.0000	0.001	0.001	1	0	0.001	0.001	100.00
	Magnesium	10000.0000	mg/L	4.9700	4.9700	0.0000	4.97	4.97	1	0	4.97	4.97	100.00
	Manganese	0.5000	mg/L	0.0070	0.0070	0.0000	0.007	0.007	1	0	0.007	0.007	100.00
	Mercury	0.0010	mg/L	0.0001	0.0001	0.0000	0.0001	0.0001	1	0	0.0001	0.0001	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		7.5000	7.5000	0.0000	7.5	7.5	1	0	7.5	7.5	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
	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	44.0000	44.0000	0.0000	44	44	1	0	44	44	100.00
	Sulfate	500.0000	mg/L	43.0000	43.0000	0.0000	43	43	1	0	43	43	100.00
Total Dissolved Solids (TDS)	600.0000	mg/L	159.0000	159.0000	0.0000	159	159	1	0	159	159	100.00	
Total Hardness as CaCO3	200.0000	mg/L	40.9000	40.9000	0.0000	40.9	40.9	1	0	40.9	40.9	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	0.0100	0.0100	0.0000	0.01	0.01	1	0	0.01	0.01	100.00	

Analysis Type	Characteristic	Guideline Value	Units	Mean	Median	Standard Deviation	Min	Max	Sample Count	Exception Count	95th Percentile	5th Percentile	% meeting guideline values
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	0.6700	0.6150	0.2334	0.48	0.97	4	0	0.97	0.48	100.00
	pH	6.5 - 8.5		7.2750	7.3000	0.1500	7.1	7.4	4	0	7.4	7.1	100.00
	Total Chlorine	5.0000	mg/L	0.7700	0.7250	0.2058	0.6	1.03	4	0	1.03	0.6	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	0.1775	0.1800	0.0768	0.09	0.26	4	0	0.26	0.09	100.00
Operational Monitoring													
	Fluoride (daily WU)	0.9 - 1.5	mg/L	1.1135	1.1200	0.0636	0.99	1.24	31	0	1.22	1.01	100.00
	Fluoride (weekly WU)	0.9 - 1.5	mg/L	1.1025	1.0900	0.0362	1.06	1.18	8	0	1.18	1.06	100.00