

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:	01-07-2022 - 30-06-2023
Source:	All		
Sample Site:	Many		

Sample Count: 453

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	0.0213	0.0200	0.0175	0.005	0.07	19	0	0.07	0.005	100.00
	Antimony	0.0030	mg/L	0.0001	0.0001	0.0000	0.00005	0.00005	19	0	0.00005	0.00005	100.00
	Arsenic	0.0100	mg/L	0.0007	0.0005	0.0004	0.0005	0.002	19	0	0.002	0.0005	100.00
	Barium	2.0000	mg/L	0.0246	0.0202	0.0122	0.0156	0.0532	19	0	0.0532	0.0156	100.00
	Boron	4.0000	mg/L	0.0224	0.0049	0.0415	0.004	0.1227	19	0	0.1227	0.004	100.00
	Cadmium	0.0020	mg/L	0.0001	0.0001	0.0000	0.00005	0.00005	19	0	0.00005	0.00005	100.00
	Calcium	10000.0000	mg/L	17.0789	14.2000	8.6618	10.2	40.1	19	0	40.1	10.2	100.00
	Chloride	250.0000	mg/L	48.4737	22.0000	65.9102	14	201	19	0	201	14	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	0.0006	0.0005	0.0002	0.0005	0.001	19	0	0.001	0.0005	100.00
	Copper	2.0000	mg/L	0.1878	0.0130	0.7249	0.004	3.178	19	1	3.178	0.004	94.74
	Fluoride	1.5000	mg/L	0.3884	0.1100	0.4046	0.05	1.07	19	0	1.07	0.05	100.00
	Fluoride (WU result)	1.5000	mg/L	0.6883	0.9300	0.4282	0.03	1.01	6	0	1.01	0.03	100.00
	Fluoride Ratio	0.8 - 1.2		0.7550	0.9100	0.3327	0.17	1.05	6	2	1.05	0.17	66.67
	Iodine	0.5000	mg/L	0.0732	0.0200	0.1224	0.01	0.38	19	0	0.38	0.01	100.00
	Iron	0.3000	mg/L	0.0113	0.0100	0.0066	0.005	0.03	19	0	0.03	0.005	100.00
	Lead	0.0100	mg/L	0.0003	0.0002	0.0002	0.0001	0.001	19	0	0.001	0.0001	100.00
	Magnesium	10000.0000	mg/L	11.5742	8.6000	8.0821	6.39	31.23	19	0	31.23	6.39	100.00
	Manganese	0.5000	mg/L	0.0011	0.0006	0.0014	0.00015	0.0051	19	0	0.0051	0.00015	100.00
	Mercury	0.0010	mg/L	0.0004	0.0004	0.0000	0.0004	0.0004	19	0	0.0004	0.0004	100.00
	Molybdenum	0.0500	mg/L	0.0002	0.0001	0.0002	0.0001	0.0008	19	0	0.0008	0.0001	100.00
	Nickel	0.0200	mg/L	0.0004	0.0004	0.0003	0.0002	0.0015	19	0	0.0015	0.0002	100.00
	Nitrate	50.0000	mg/L	0.9474	1.0000	0.3289	0.5	2	19	0	2	0.5	100.00
	Nitrite	3.0000	mg/L	0.0500	0.0500	0.0000	0.05	0.05	19	0	0.05	0.05	100.00
	pH	6.5 - 8.5		7.5947	7.5000	0.2415	7.2	8.2	19	0	8.2	7.2	100.00
	Selenium	0.0100	mg/L	0.0035	0.0035	0.0000	0.0035	0.0035	19	0	0.0035	0.0035	100.00
	Silver	0.1000	mg/L	0.0001	0.0001	0.0000	0.0001	0.0002	19	0	0.0002	0.0001	100.00
	Sodium	180.0000	mg/L	33.3158	13.0000	50.4811	8	147	19	0	147	8	100.00
	Sulfate	250.0000	mg/L	10.7895	2.0000	20.6009	1	60	19	0	60	1	100.00
Total Dissolved Solids (TDS)	10000.0000	mg/L	160.9474	99.0000	172.9635	59	580	19	0	580	59	100.00	
Total Hardness as CaCO3	200.0000	mg/L	90.3105	69.1000	54.4270	51.8	228.7	19	3	228.7	51.8	84.21	
True Colour	15.0000	Hazen Units (HU)	1.4211	1.0000	0.8702	0.5	3	19	0	3	0.5	100.00	
Turbidity	5.0000	NTU	1.4526	0.2000	5.3428	0.05	23.5	19	1	23.5	0.05	94.74	
Uranium	0.0170	mg/L	0.0005	0.0001	0.0012	0.00005	0.0034	19	0	0.0034	0.00005	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	Zinc	3.0000	mg/L	0.0247	0.0100	0.0388	0.01	0.17	19	0	0.17	0.01	100.00
Fluoride Barcode													
	Fluoride	1.5000	mg/L	0.9800	0.9800	0.0000	0.98	0.98	1	0	0.98	0.98	100.00
	Fluoride (WU result)	1.5000	mg/L	1.0100	1.0100	0.0000	1.01	1.01	1	0	1.01	1.01	100.00
	Fluoride Ratio	0.8 - 1.2		1.0300	1.0300	0.0000	1.03	1.03	1	0	1.03	1.03	100.00
Microbiology													
	E. coli	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	210	0	0	0	100.00
	Free Chlorine	0.2 - 5	mg/L	1.1853	1.0900	0.7037	0.23	4.2	211	0	2.46	0.31	100.00
	pH	6.5 - 8.5		7.4574	7.4500	0.2144	6.58	7.99	211	0	7.83	7.1	100.00
	Temperature	30.0000	C	13.9981	11.7000	4.5467	7.6	26.3	211	0	23.9	9.8	100.00
	Total Chlorine	5.0000	mg/L	1.5839	1.4250	0.8028	0.33	5.43	210	2	3.12	0.63	99.05
	Total Coliforms	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	210	0	0	0	100.00
	Turbidity	5.0000	NTU	0.2306	0.2100	0.0931	0.07	0.59	211	0	0.42	0.11	100.00
Operational Monitoring													
	Fluoride (daily WU)	0.9 - 1.5	mg/L	1.0076	1.0100	0.0532	0.75	1.12	176	5	1.08	0.91	97.16
	Fluoride (weekly WU)	0.9 - 1.5	mg/L	0.9715	0.9800	0.0400	0.91	1.04	46	0	1.03	0.91	100.00