

WATER ANALYSIS TABLE

Program: Drinking Water Monitoring Program,
Operational Monitoring Program,
Project Program

AHS: All

PHU: All

Water Utility: All

Supply System: All

Town: All

Treatment Plant: All

Source: All

Sample Site: All

Sample Count: 670

Report Type: Results Summary Report

Entered Date Range: -

Barcode: All

Analysis Type: All

Characteristics: All

Treatment Type: All

Collected Date Range: 01-07-2018 - 30-06-2019

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	0.2	mg/L	0.0133	0.01	0.0126	0.005	0.06	18	0	0.06	0.005	100	
	Antimony	0.003	mg/L	0.0005	0.0005	0	0.0005	0.0005	18	0	0.0005	0.0005	100	
	Arsenic	0.01	mg/L	0.0009	0.001	0.0002	0.0005	0.001	18	0	0.001	0.0005	100	
	Barium	2	mg/L	0.0279	0.0225	0.0125	0.016	0.054	18	0	0.054	0.016	100	
	Boron	4	mg/L	0.0583	0.05	0.0192	0.05	0.1	18	0	0.1	0.05	100	
	Cadmium	0.002	mg/L	0.0003	0.0003	0	0.00025	0.00025	18	0	0.00025	0.00025	100	
	Calcium	10000.0000	mg/L	18.2056	14.05	9.9457	12.2	40.7	18	0	40.7	12.2	100	
	Chloride	250	mg/L	49	20.5	66.5971	17	196	18	0	196	17	100	
	Chemistry	Chromium	0.05	mg/L	0.0025	0.0025	0	0.0025	0.0025	18	0	0.0025	0.0025	100
		Copper	2	mg/L	0.0203	0.0195	0.0128	0.0025	0.048	18	0	0.048	0.0025	100
Fluoride		1.5	mg/L	0.8078	0.93	0.29	0.05	1.18	18	0	1.18	0.05	100	
Fluoride (WU result)		1.5	mg/L	1.0177	1.02	0.0239	0.99	1.06	13	0	1.06	0.99	100	
Fluoride Ratio		0.8 - 1.2		1.09	1.09	0.1252	0.86	1.36	13	2	1.36	0.86	84.62	
Iodine		0.5	mg/L	0.0728	0.03	0.1093	0.02	0.31	18	0	0.31	0.02	100	
Iron		0.3	mg/L	0.0186	0.01	0.0267	0.005	0.11	18	0	0.11	0.005	100	
Lead		0.01	mg/L	0.001	0.001	0	0.001	0.001	18	0	0.001	0.001	100	
Magnesium		10000.0000	mg/L	13.2422	9.955	8.3656	8.38	33.04	18	0	33.04	8.38	100	
Manganese		0.5	mg/L	0.0032	0.0025	0.0018	0.0025	0.009	18	0	0.009	0.0025	100	
Mercury		0.001	mg/L	0.0001	0.0001	0.0001	0.00005	0.0003	18	0	0.0003	0.00005	100	
Molybdenum		0.05	mg/L	0.0025	0.0025	0	0.0025	0.0025	18	0	0.0025	0.0025	100	
Nickel		0.02	mg/L	0.005	0.005	0	0.005	0.005	18	0	0.005	0.005	100	
Nitrate		50	mg/L	0.9167	1	0.4618	0.5	2	18	0	2	0.5	100	
Nitrite		3	mg/L	0.05	0.05	0	0.05	0.05	18	0	0.05	0.05	100	
pH		6.5 - 8.5		7.4722	7.4	0.1274	7.3	7.8	18	0	7.8	7.3	100	
Selenium		0.01	mg/L	0.0011	0.001	0.0005	0.001	0.003	18	0	0.003	0.001	100	
Silver		0.1	mg/L	0.0032	0.001	0.0092	0.001	0.04	18	0	0.04	0.001	100	
Sodium		180	mg/L	38.9444	15	56.1955	13	175	18	0	175	13	100	
Sulfate		500	mg/L	11.5556	3	20.6404	2	59	18	0	59	2	100	
Total Dissolved Solids (TDS)		600	mg/L	167.3333	101.5	152.7039	96	566	18	0	566	96	100	
Total Hardness as CaCO3		200	mg/L	99.9833	76.6	59.1409	65.5	237.7	18	3	237.7	65.5	83.33	
True Colour		15	Hazen Units (HU)	1.3333	1	0.7276	0.5	3	18	0	3	0.5	100	
Turbidity		5	NTU	0.3472	0.2	0.4128	0.05	1.6	18	0	1.6	0.05	100	
Uranium		0.017	mg/L	0.003	0.0025	0.002	0.0025	0.011	18	0	0.011	0.0025	100	
Chemistry		Zinc	3	mg/L	0.0094	0.01	0.0064	0.005	0.03	18	0	0.03	0.005	100
	Microbiology	E. coli	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	261	0	0	0	100.00
Free Chlorine		0.2 - 5	mg/L	1.0293	1.06	0.1924	0.47	1.75	261	0	1.29	0.68	100	
pH		6.5 - 8.5		7.5478	7.56	0.0961	7.02	7.83	261	0	7.69	7.37	100	
Temperature		30	C	16.7555	17.5	3.2866	9	21	137	0	20	10	100	
Total Chlorine		5	mg/L	1.3733	1.42	0.2038	0.82	2.05	261	0	1.66	1.02	100	
Total Coliforms		0	mpn/100 mL	0.0038	0	0.0619	0	1	261	1	0	0	99.62	
Turbidity		5	NTU	0.2185	0.21	0.058	0	0.36	261	0	0.31	0.13	100	
Operational Monitoring	Fluoride (daily WU)	0.9 - 1.5	mg/L	1.0244	1.0200	0.0782	0.66	1.33	303	9	1.14	0.92	97.03	
	Fluoride (weekly WU)	0.9 - 1.5	mg/L	1.0026	1	0.0681	0.8	1.14	88	3	1.11	0.9	96.59	