

Results Detailed Report

Program: Yass Water Treatment Plant Drinking Water Program

Date Collected: **11-Sep-18**

Analysis Type	Characteristic	Guideline Value	Units	Value	Meeting guideline values
Chemistry	Aluminium	0.20	mg/L	0.06	Yes
	Antimony	0.003	mg/L	0.0005	Yes
	Arsenic	0.01	mg/L	0.002	Yes
	Barium	2.00	mg/L	0.052	Yes
	Boron	4.0	mg/L	0.05	Yes
	Cadmium	0.002	mg/L	0.00025	Yes
	Calcium	10000	mg/L	34.7	Yes
	Chloride	250	mg/L	106	Yes
	Chromium	0.05	mg/L	0.0025	Yes
	Copper	2.000	mg/L	0.013	Yes
	Fluoride	1.50	mg/L	1.07	Yes
	Fluoride (WU result)	1.50	mg/L	1.13	Yes
	Fluoride Ratio	0.8 - 1.2		1.06	Yes
	Iodine	0.50	mg/L	0.09	Yes
	Iron	0.3	mg/L	0.01	Yes
	Lead	0.01	mg/L	0.001	Yes
	Magnesium	10000	mg/L	40.75	Yes
	Manganese	0.500	mg/L	0.012	Yes
	Mercury	0.0010	mg/L	0.00005	Yes
	Molybdenum	0.05	mg/L	0.0025	Yes
	Nickel	0.02	mg/L	0.005	Yes
	Nitrate	50	mg/L	1	Yes
	Nitrite	3	mg/L	0.05	Yes
	pH	6.5 - 8.5		7.9	Yes
	Selenium	0.01	mg/L	0.001	Yes
	Silver	0.1	mg/L	0.001	Yes
	Sodium	180	mg/L	73	Yes
	Sulfate	500	mg/L	40	Yes
	Total Dissolved Solids (TDS)	600	mg/L	382	Yes
	Total Hardness as CaCO ₃	200.0	mg/L	254.5	No
True Colour	15	Hazen Units	4	Yes	
Turbidity	5.0	NTU	0.2	Yes	
Uranium	0.0170	mg/L	0.0025	Yes	
Zinc	3	mg/L	0.02	Yes	