

Results Detailed Report

Program: Yass Water Treatment Plant Drinking Water Program

Date Collected: **08-May-18**

Analysis Type	Characteristic	Guideline Value	Units	Value	Meeting guideline values
Chemistry	Aluminium	0.20	mg/L	0.06	
	Antimony	0.003	mg/L	0.0005	
	Arsenic	0.01	mg/L	0.001	
	Barium	2.00	mg/L	0.048	
	Boron	4.0	mg/L	0.05	
	Cadmium	0.002	mg/L	0.00025	
	Calcium	10000	mg/L	25.2	
	Chloride	250	mg/L	105	
	Chromium	0.05	mg/L	0.0025	
	Copper	2.000	mg/L	0.02	
	Fluoride	1.50	mg/L	1.00	
	Fluoride (WU result)	1.50	mg/L	1.00	
	Fluoride Ratio	0.8 - 1.2		1.0	
	Iodine	0.50	mg/L	0.06	
	Iron	0.3	mg/L	0.03	
	Lead	0.01	mg/L	0.001	
	Magnesium	10000	mg/L	30.99	
	Manganese	0.500	mg/L	0.013	
	Mercury	0.0010	mg/L	0.00005	
	Molybdenum	0.05	mg/L	0.0025	
	Nickel	0.02	mg/L	0.005	
	Nitrate	50	mg/L	0.5	
	Nitrite	3	mg/L	0.05	
	pH	6.5 - 8.5		7.6	
	Selenium	0.01	mg/L	0.001	
	Silver	0.1	mg/L	0.001	
	Sodium	180	mg/L	70	
	Sulfate	500	mg/L	83	
	Total Dissolved Solids (TDS)	600	mg/L	375	
	Total Hardness as CaCO ₃	200.0	mg/L	190.5	
True Colour	15	Hazen Units	3		
Turbidity	5.0	NTU	0.2		
Uranium	0.0170	mg/L	0.0025		
Zinc	3	mg/L	0.03		