

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:	Uralla UR01	Characteristics:	All
Town:	All	Treatment Type:	All
Treatment Plant:	All	Collected Date Range:	01-01-2010 - 02-03-2020
Source:	All		
Sample Site:	All		

Sample Count: 4859

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	0.1007	0.0500	0.1512	0.01	0.67	27	3	0.41	0.01	88.89
	Antimony	0.0030	mg/L	0.0005	0.0005	0.0000	0.0005	0.0005	27	0	0.0005	0.0005	100.00
	Arsenic	0.0100	mg/L	0.0098	0.0020	0.0161	0.0005	0.05	27	5	0.044	0.0005	81.48
	Barium	2.0000	mg/L	0.0726	0.0570	0.0413	0.031	0.178	27	0	0.158	0.035	100.00
	Boron	4.0000	mg/L	0.0500	0.0500	0.0000	0.05	0.05	27	0	0.05	0.05	100.00
	Cadmium	0.0020	mg/L	0.0003	0.0003	0.0000	0.00025	0.00025	27	0	0.00025	0.00025	100.00
	Calcium	10000.0000	mg/L	18.7037	17.4000	7.5023	7.8	31.8	27	0	31.2	8.1	100.00
	Chloride	250.0000	mg/L	48.9630	43.0000	24.9499	14	101	27	0	87	19	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	0.0031	0.0025	0.0014	0.0025	0.008	27	0	0.006	0.0025	100.00
	Copper	2.0000	mg/L	0.0055	0.0025	0.0053	0.0025	0.021	27	0	0.018	0.0025	100.00
	Fluoride	1.5000	mg/L	1.0248	0.9800	0.2171	0.74	1.9	27	1	1.29	0.85	96.30
	Fluoride (WU result)	1.5000	mg/L	1.0054	1.0100	0.0632	0.9	1.14	24	0	1.1	0.91	100.00
	Fluoride Ratio	0.8 - 1.2		0.9975	1.0400	0.1462	0.57	1.26	24	3	1.14	0.78	87.50
	Iodine	0.5000	mg/L	0.0311	0.0300	0.0193	0.01	0.09	27	0	0.06	0.01	100.00
	Iron	0.3000	mg/L	0.0091	0.0050	0.0073	0.005	0.03	27	0	0.03	0.005	100.00
	Lead	0.0100	mg/L	0.0010	0.0010	0.0002	0.001	0.002	27	0	0.001	0.001	100.00
	Magnesium	10000.0000	mg/L	14.2256	11.2100	6.9271	3.91	30.33	27	0	23.72	5.46	100.00
	Manganese	0.5000	mg/L	0.0630	0.0320	0.0967	0.0025	0.49	27	0	0.191	0.0025	100.00
	Mercury	0.0010	mg/L	0.0001	0.0001	0.0000	0.00005	0.0002	27	0	0.0002	0.00005	100.00
	Molybdenum	0.0500	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	27	0	0.0025	0.0025	100.00
	Nickel	0.0200	mg/L	0.0050	0.0050	0.0000	0.005	0.005	27	0	0.005	0.005	100.00
	Nitrate	50.0000	mg/L	0.5000	0.5000	0.0000	0.5	0.5	27	0	0.5	0.5	100.00
	Nitrite	3.0000	mg/L	0.0500	0.0500	0.0000	0.05	0.05	27	0	0.05	0.05	100.00
	pH	6.5 - 8.5		7.9296	7.9000	0.3851	7.3	8.9	27	2	8.8	7.4	92.59
	Selenium	0.0100	mg/L	0.0010	0.0010	0.0000	0.001	0.001	27	0	0.001	0.001	100.00
	Silver	0.1000	mg/L	0.0010	0.0010	0.0000	0.001	0.001	27	0	0.001	0.001	100.00
	Sodium	180.0000	mg/L	65.3704	61.0000	15.4525	37	104	27	0	86	47	100.00
	Sulfate	500.0000	mg/L	71.8519	64.0000	20.1699	49	116	27	0	113	52	100.00
Total Dissolved Solids (TDS)	600.0000	mg/L	261.1852	243.0000	75.5029	140	395	27	0	369	159	100.00	
Total Hardness as CaCO3	200.0000	mg/L	105.2667	85.2000	46.3406	36.2	194.8	27	0	166.1	42	100.00	
True Colour	15.0000	Hazen Units (HU)	2.4630	2.0000	1.7093	0.5	6	27	0	5	0.5	100.00	
Turbidity	5.0000	NTU	0.9074	0.5000	1.2687	0.05	5.3	27	1	4.1	0.05	96.30	
Uranium	0.0170	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	10	0	0.0025	0.0025	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	0.0226	0.0100	0.0446	0.005	0.24	27	0	0.03	0.005	100.00
Fluoride Barcode													
	Fluoride	1.5000	mg/L	1.0195	1.0100	0.1267	0.81	1.75	95	1	1.19	0.85	98.95
	Fluoride (WU result)	1.5000	mg/L	1.0223	1.0200	0.0635	0.91	1.2	95	0	1.1	0.92	100.00
	Fluoride Ratio	0.8 - 1.2		1.0125	1.0200	0.0996	0.55	1.22	95	3	1.16	0.85	96.84
Microbiology													
	E. coli	0.0000	mpn/100 mL	0.0000	0.0000	0.0000	0	0	507	0	0	0	100.00
	Free Chlorine	0.2 - 5	mg/L	1.6025	1.4700	0.6281	0.3	4.12	500	0	3.03	0.9	100.00
	pH	6.5 - 8.5		7.6394	7.6100	0.2648	7	8.33	497	0	8.1	7.25	100.00
	Temperature	30.0000	C	17.4646	18.1000	5.1512	7.8	26.5	99	0	24.8	9.4	100.00
	Total Chlorine	5.0000	mg/L	2.2882	1.7800	7.2117	0.6	162	498	4	3.97	1.25	99.20
	Total Coliforms	0.0000	mpn/100 mL	0.5562	0.0000	9.1025	0	202	507	11	0	0	97.83
	Turbidity	5.0000	NTU	0.4144	0.3100	0.4528	0.02	5.73	491	1	0.95	0.12	99.80
Operational Monitoring													
	Fluoride (daily WU)	0.9 - 1.5	mg/L	1.0176	1.0100	0.0580	0.15	1.2	3278	16	1.1	0.95	99.51
	Fluoride (weekly WU)	0.9 - 1.5	mg/L	0.9797	0.9800	0.0366	0.86	1.1	948	10	1.04	0.92	98.95