

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:	Bundarra UR02	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: 2745

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	0.1215	0.1050	0.1487	0.005	0.76	26	3	0.27	0.005	88.46
	Antimony	0.0030	mg/L	0.0005	0.0005	0.0000	0.0005	0.0005	26	0	0.0005	0.0005	100.00
	Arsenic	0.0100	mg/L	0.0015	0.0010	0.0011	0.0005	0.005	26	0	0.004	0.0005	100.00
	Barium	2.0000	mg/L	0.0337	0.0315	0.0142	0.0025	0.076	26	0	0.054	0.019	100.00
	Boron	4.0000	mg/L	0.0519	0.0500	0.0098	0.05	0.1	26	0	0.05	0.05	100.00
	Cadmium	0.0020	mg/L	0.0003	0.0003	0.0000	0.00025	0.0005	26	0	0.00025	0.00025	100.00
	Calcium	10000.0000	mg/L	17.7115	16.3000	7.1329	8.4	34.3	26	0	30.1	8.9	100.00
	Chloride	250.0000	mg/L	36.0769	29.0000	22.7067	1	105	26	0	83	13	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	0.0033	0.0025	0.0024	0.0025	0.012	26	0	0.01	0.0025	100.00
	Copper	2.0000	mg/L	0.0205	0.0025	0.0398	0.0025	0.183	26	0	0.078	0.0025	100.00
	Fluoride	1.5000	mg/L	1.0569	1.0700	0.2289	0.05	1.4	26	0	1.24	0.96	100.00
	Fluoride (WU result)	1.5000	mg/L	1.0604	1.0500	0.0564	0.96	1.23	23	0	1.13	0.99	100.00
	Fluoride Ratio	0.8 - 1.2		1.4161	0.9900	2.0905	0.82	11	23	1	1.1	0.85	95.65
	Iodine	0.5000	mg/L	0.0240	0.0200	0.0141	0.01	0.06	25	0	0.05	0.01	100.00
	Iron	0.3000	mg/L	0.0531	0.0100	0.1430	0.005	0.72	26	1	0.2	0.005	96.15
	Lead	0.0100	mg/L	0.0013	0.0010	0.0010	0.001	0.006	26	0	0.0025	0.001	100.00
	Magnesium	10000.0000	mg/L	12.6573	11.5800	6.1480	4.26	23.95	26	0	22.33	4.69	100.00
	Manganese	0.5000	mg/L	0.0164	0.0038	0.0252	0.0025	0.091	26	0	0.09	0.0025	100.00
	Mercury	0.0010	mg/L	0.0001	0.0001	0.0000	0.00005	0.0002	26	0	0.0001	0.00005	100.00
	Molybdenum	0.0500	mg/L	0.0026	0.0025	0.0005	0.0025	0.005	26	0	0.0025	0.0025	100.00
	Nickel	0.0200	mg/L	0.0050	0.0050	0.0000	0.005	0.005	26	0	0.005	0.005	100.00
	Nitrate	50.0000	mg/L	0.5000	0.5000	0.0000	0.5	0.5	25	0	0.5	0.5	100.00
	Nitrite	3.0000	mg/L	0.0500	0.0500	0.0000	0.05	0.05	25	0	0.05	0.05	100.00
	pH	6.5 - 8.5		7.8120	7.8000	0.3206	7	8.4	25	0	8.2	7.2	100.00
	Selenium	0.0100	mg/L	0.0011	0.0010	0.0003	0.001	0.0025	26	0	0.002	0.001	100.00
	Silver	0.1000	mg/L	0.0012	0.0010	0.0008	0.001	0.005	26	0	0.001	0.001	100.00
	Sodium	180.0000	mg/L	50.5385	43.5000	19.8580	28	104	26	0	83	28	100.00
	Sulfate	500.0000	mg/L	54.8462	57.0000	20.5260	0.5	97	26	0	79	0.5	100.00
Total Dissolved Solids (TDS)	600.0000	mg/L	216.0400	196.0000	78.0259	118	413	25	0	364	124	100.00	
Total Hardness as CaCO3	200.0000	mg/L	96.3500	89.5500	42.6097	41.9	184.3	26	0	156.9	42.4	100.00	
True Colour	15.0000	Hazen Units (HU)	2.6200	2.0000	2.4928	0.5	9	25	0	9	0.5	100.00	
Turbidity	5.0000	NTU	0.7220	0.3000	1.5918	0.05	7.8	25	1	2.9	0.05	96.00	
Uranium	0.0170	mg/L	0.0025	0.0025	0.0000	0.0025	0.0025	6	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	0.0735	0.0100	0.2521	0.005	1.28	26	0	0.29	0.005	100.00
Fluoride Barcode													
	Fluoride	1.5000	mg/L	1.0337	1.0300	0.1351	0.05	1.28	93	0	1.2	0.91	100.00
	Fluoride (WU result)	1.5000	mg/L	1.0590	1.0500	0.0580	0.93	1.24	86	0	1.18	0.99	100.00
	Fluoride Ratio	0.8 - 1.2		1.0215	1.0200	0.0739	0.83	1.26	86	1	1.14	0.92	98.84
Microbiology													
	E. coli	0.0000	mpn/100 mL	0.8850	0.0000	13.3038	0	200	226	1	0	0	99.56
	Free Chlorine	0.2 - 5	mg/L	0.4259	0.3100	0.4666	0	4.47	197	71	1.23	0.04	63.96
	pH	6.5 - 8.5		7.5417	7.5700	0.5774	0.25	8.3	201	1	8.07	7.2	99.50
	Temperature	30.0000	C	19.7718	21.0000	6.0211	9.7	29.1	39	0	28.4	11	100.00
	Total Chlorine	5.0000	mg/L	0.7674	0.6900	0.4485	0.05	2.18	198	0	1.81	0.23	100.00
	Total Coliforms	0.0000	mpn/100 mL	1.0929	0.0000	13.5258	0	202	226	9	0	0	96.02
	Turbidity	5.0000	NTU	0.3316	0.2400	0.3327	0.01	2.5	200	0	0.9	0.02	100.00
Operational Monitoring													
	Fluoride (daily WU)	0.9 - 1.5	mg/L	1.0669	1.0600	0.0502	0.87	1.4	1500	1	1.14	0.99	99.93
	Fluoride (weekly WU)	0.9 - 1.5	mg/L	1.0444	1.0400	0.0429	0.9	1.24	899	0	1.12	0.98	100.00