

Water Treatment Plant Metal Results 2023

Sample Location	Date Sampled	Arsenic µg/L	Copper µg/L	Lead µg/L	Iron µg/L	Manganese µg/L	Colour Units	Colour Units	pH
Guideline Limit		10	2000	5	300	120			7.0-10.5
WTP - Raw Water	03/Jan/23	7.0	<0.5	<0.01	32	110	<5		7.91
Treated Water	03/Jan/23	4.7	<0.5	0.07	<4	<1	<5		7.89
WTP - Raw Water	09/Jan/23	7.3	<0.5	<0.01	8	100	<5		7.91
Treated Water	09/Jan/23	4.7	<0.5	<0.01	<4	<1	<5		7.90
WTP - Raw Water	17/Jan/23	7.7	<0.5	<0.01	<4	99	<5		7.87
Treated Water	17/Jan/23	4.7	<0.5	<0.01	<4	<1	<5		7.87
WTP - Raw Water	23/Jan/23	7.0	<0.5	<0.01	<4	75	<5		7.88
Treated Water	23/Jan/23	4.9	<0.5	<0.01	4	<1	<5		7.91
WTP - Raw Water	30/Jan/23	7.2	<0.5	<0.01	<4	100	<5		7.86
Treated Water	30/Jan/23	4.8	<0.5	<0.01	<4	<1	<5		7.86
WTP - Raw Water	13/Feb/23	7.0	1.0	0.02	9	110	<5		7.76
Treated Water	13/Feb/23	4.7	<0.5	<0.01	<4	<1	<5		7.75
WTP - Raw Water	21/Feb/23	7.3	<0.5	<0.01	<4	96	<5		7.75
Treated Water	21/Feb/23	4.9	0.6	0.02	<4	<1	<5		7.80
WTP - Raw Water	28/Feb/23	6.6	<0.5	<0.01	10	100	<5		7.77
Treated Water	28/Feb/23	4.4	<0.5	<0.01	<4	<1	<5		7.83
WTP - Raw Water	06/Mar/23	6.4	<0.5	<0.01	<4	85	<5		7.72
Treated Water	06/Mar/23	4.4	<0.5	<0.01	<4	<1	<5		7.71
WTP - Raw Water	13/Mar/23	7.0	<0.5	0.01	7	100	<5		8.11
Treated Water	13/Mar/23	4.8	<0.5	<0.01	5	<1	<5		7.97
WTP - Raw Water	20/Mar/23	7.0	<0.05	0.01	5	170	<5		7.88
Treated Water	20/Mar/23	4.8	<0.5	<0.01	4	<1	<5		7.83
WTP - Raw Water	27/Mar/23	6.4	<0.5	<0.01	4	130	<5		7.77
Treated Water	27/Mar/23	4.9	<0.5	<0.01	<4	<1	<5		7.67
WTP - Raw Water	03/Apr/23	4.7	<0.5	<0.01	<4	<1	<5		7.67
Treated Water	03/Apr/23	4.7	<0.5	<0.01	<4	<1	<5		7.67
WTP - Raw Water	11/Apr/23	6.6	<0.5	<0.01	<4	96	<5		7.79
Treated Water	11/Apr/23	4.5	<0.5	0.01	<4	<1	<5		7.72
WTP - Raw Water	17/Apr/23	6.7	<0.5	<0.01	<4	93	<5		7.65
Treated Water	17/Apr/23	4.9	<0.5	<0.01	<4	<1	<5		7.69
WTP - Raw Water	24/Apr/23	6.9	<0.5	<0.01	<4	94	<5		7.54
Treated Water	24/Apr/23	4.9	<0.5	<0.01	<4	<1	<5		7.75
WTP - Raw Water	02/May/23	6.7	<0.5	<0.01	<4	84	<5		7.80
Treated Water	02/May/23	4.7	<0.5	<0.01	<4	<1	<5		7.74
WTP - Raw Water	08/May/23	6.2	<0.5	0.02	<4	130	<5		7.84
Treated Water	08/May/23	4.7	<0.5	<0.01	<4	<1	<5		7.84
WTP - Raw Water	23/May/23	6.9	<0.5	0.02	9	150	<5		7.73
Treated Water	23/May/23	5.1	<0.5	<0.01	<4	<1	<5		7.78
WTP - Raw Water	29/May/23	6.7	<0.5	<0.01	5	140	<5		7.90
Treated Water	29/May/23	5.0	<0.5	<0.01	<4	<1	<5		7.85
WTP - Raw Water	05/Jun/23	6.9	<0.5	<0.01	13	130	<5		7.63
Treated Water	05/Jun/23	5.3	<0.5	<0.01	<4	<1	<5		7.83
WTP - Raw Water	12/Jun/23	6.9	<0.5	<0.01	<4	130	<5		7.71
Treated Water	12/Jun/23	5.3	<0.5	<0.01	<4	<1	<5		7.70
WTP - Raw Water	19/Jun/23	7.1	<0.5	<0.01	<4	120	<5		7.72
Treated Water	19/Jun/23	5.4	<0.5	<0.01	<4	<1	<5		7.71
WTP - Raw Water	26/Jun/23	6.7	<0.5	<0.01	5	140	<5		7.82
Treated Water	26/Jun/23	5.3	<0.5	<0.01	<4	<1	<5		7.79
WTP - Raw Water	05/Jul/23	6.4	<0.5	0.01	15	150	<5		7.84
Treated Water	05/Jul/23	5.2	<0.5	<0.01	<4	<1	<5		7.87
WTP - Raw Water	10/Jul/23	7.1	<0.5	<0.01	<4	130	<5		7.81
Treated Water	10/Jul/23	5.3	<0.5	<0.01	<4	<1	<5		7.72

Sample Location	Date Sampled	Arsenic µg/L	Copper µg/L	Lead µg/L	Iron µg/L	Manganese µg/L	Colour Units	Colour Units	pH
Guideline Limit		10	2000	5	300	120			7.0-10.5
WTP - Raw Water	17/07/23	7.0	<0.5	<0.01	7	140	<5		7.56
Treated Water	17/07/23	5.5	<0.5	<0.01	<4	<1	<5		7.71
WTP - Raw Water	02/Aug/23	6.8	<0.5	<0.01	11	120	<5		7.74
Treated Water	02/Aug/23	5.3	<0.5	<0.01	<4	<1	<5		7.73
WTP - Raw Water	08/Aug/23	6.7	<0.5	<0.01	5	130	<5		7.73
Treated Water	08/Aug/23	5.5	<0.5	<0.01	<4	<1	<5		7.72
WTP - Raw Water	21/Aug/23	7.2	<0.5	<0.01	6	130	<5		7.75
Treated Water	21/Aug/23	5.3	<0.5	<0.01	<4	<1	<5		7.72
WTP - Raw Water	28/Aug/23	7.6	<0.5	0.02	10	150	<5		7.55
Treated Water	28/Aug/23	5.6	<0.5	<0.01	6	<1	<5		7.65
WTP - Raw Water	05/Sep/23	6.9	<0.5	<0.01	5	120	<5		7.67
Treated Water	05/Sep/23	5.2	<0.5	<0.01	<4	<1	<5		7.66
WTP - Raw Water	11/Sep/23	7.3	<0.5	<0.01	<4	130	<5		7.65
Treated Water	11/Sep/23	5.2	<0.5	<0.01	<4	<1	<5		7.53
WTP - Raw Water	18/Sep/23	7.2	<0.5	<0.01	30	140	<5		7.63
Treated Water	18/Sep/23	5.2	<0.5	<0.01	<4	<1	<5		7.62
WTP - Raw Water	25/Sep/23	7.1	<0.5	<0.01	9	100	<5		7.76
Treated Water	25/Sep/23	5.2	<0.5	<0.01	<4	<1	<5		7.80
WTP - Raw Water	03/Oct/23	7.4	<0.5	<0.01	<4	110	<5		7.63
Treated Water	03/Oct/23	5.6	<0.5	<0.01	<4	<1	<5		7.86
WTP - Raw Water	10/Oct/23	7.3	<0.5	<0.01	6	100	<5		7.71
Treated Water	10/Oct/23	5.5	<0.5	<0.01	<4	<1	<5		7.69
WTP - Raw Water	16/Oct/23	7.0	<0.5	<0.01	<4	110	<5		7.72
Treated Water	16/Oct/23	5.4	<0.5	<0.01	<4	<1	<5		7.74
WTP - Raw Water	23/Oct/23	7.6	<0.5	<0.01	<4	110	<5		7.75
Treated Water	23/Oct/23	5.7	<0.5	<0.01	<4	<1	<5		7.72
WTP - Raw Water	30/Oct/23	7.2	<0.5	<0.01	10	110	<5		7.70
Treated Water	30/Oct/23	5.6	<0.5	<0.01	8	<1	<5		7.65
WTP - Raw Water	07/Nov/23	7.0	<0.5	<0.01	<4	120	<5		7.72
Treated Water	07/Nov/23	5.4	<0.5	<0.01	<4	<1	<5		7.67
WTP - Raw Water	15/Nov/23	7.3	<0.5	<0.01	<4	110	<5		7.62
Treated Water	15/Nov/23	5.7	<0.5	<0.01	<4	<1	<5		7.64
WTP - Raw Water	21/Nov/23	7.1	<0.5	<0.01	<4	110	<5		7.68
Treated Water	21/Nov/23	5.5	<0.5	0.01	<4	<1	<5		7.82
WTP - Raw Water	05/Dec/23	6.6	<0.5	<0.01	9	94	<5		7.63
Treated Water	05/Dec/23	5.2	<0.5	<0.01	<4	<1	<5		7.63
WTP - Raw Water	12/Dec/23	6.4	<0.5	<0.01	6	87	<5		7.69
Treated Water	12/Dec/23	5.2	<0.5	<0.01	<4	<1	<5		7.76