

Water Treatment Plant Metal Results 2022

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	04/Jan/22	7.3	<0.5	<0.01	<4	150	5		7.80
Treated Water	04/Jan/22	3.5	<0.5	<0.01	<4	<1	<5		7.82
WTP - Raw Water	10/Jan/22	7.2	10.0	0.0	5.0	160	<5		7.94
Treated Water	10/Jan/22	3.8	<0.5	<0.01	4.0	<1	<5		8.06
WTP - Raw Water	17/Jan/22	7.2	<0.5	<0.01	<4	150	<5		7.96
Treated Water	17/Jan/22	3.0	<0.5	<0.01	<4	<1	<5		8.08
WTP - Raw Water	25/Jan/22	9.5	<1	<0.01	<10	148	<5		8.07
Treated Water	25/Jan/22	0.5	<1	<0.01	<10	<5	<5		8.12
WTP - Raw Water	31/Jan/22	8.2	<0.5	<0.01	<4	130	<5		8.00
Treated Water	31/Jan/22	0.7	<0.5	<0.01	<4	<1	<5		8.08
WTP - Raw Water	07/Feb/22	7.5	1.5	0.0	44	160	<5		7.56
Treated Water	07/Feb/22	1.2	<0.5	<0.01	<4	<1	<5		7.76
WTP - Raw Water	14/Feb/22	6.6	<0.5	<0.01	<4	90	<5		7.94
Treated Water	14/Feb/22	2.1	<0.5	<0.01	<4	<1	<5		8.02
WTP - Raw Water	22/Feb/22	6.5	<0.5	<0.01	<4	8.8	<5		7.99
Treated Water	22/Feb/22	0.9	<0.5	<0.01	<4	<1	<5		8.06
WTP - Raw Water	28/Feb/22	6.7	<0.5	<0.01	4	260	<5		7.92
Treated Water	28/Feb/22	1.2	<0.5	<0.01	<4	<1	<5		7.84
WTP - Raw Water	07/Mar/22	7.2	3.3	<0.01	4	160	<5		8.13
Treated Water	07/Mar/22	2.0	<0.5	0.0	<4	<1	<5		8.14
WTP - Raw Water	15/Mar/22	6.8	<0.5	0.05	11	220	<5		8.08
Treated Water	15/Mar/22	3.8	<0.5	<0.01	6	<1	<5		8.13
WTP - Raw Water	21/Mar/22	7.2	<0.5	<0.01	11	170	<5		7.99
Treated Water	21/Mar/22	1.0	<0.5	<0.01	8.0	<1	<5		7.98
WTP - Raw Water	28/Mar/22	6.2	<0.5	0.03	16	130	<5		8.07
Treated Water	28/Mar/22	1.1	<0.5	<0.01	9	<1	<5		7.98
WTP - Raw Water	04/Apr/22	7.0	<0.5	0.02	13	170	<5		8.09
Treated Water	04/Apr/22	1.1	<0.5	0.0	140	<1	<5		8.10
WTP - Raw Water	11/Apr/22	6.8	<1	<0.1	10	161	<5		7.95
Treated Water	11/Apr/22	1.2	<1	<0.1	<10	<5	<5		1.25
WTP - Raw Water	19/Apr/22	7.0	<0.5	0.01	17	150	<5		8.06
Treated Water	19/Apr/22	2.6	<0.5	<0.01	<4	<1	<5		8.12
WTP - Raw Water	26/Apr/22	7.2	<0.5	0.05	<4	140	<5		8.08
Treated Water	26/Apr/22	1.6	<0.5	<0.01	<4	<1	<5		7.99
WTP - Raw Water	03/May/22	7.0	<0.5	<0.01	<4	130	<5		8.03
Treated Water	03/May/22	1.8	<0.5	<0.01	<4	<1	<5		8.16
WTP - Raw Water	09/May/22	6.3	<0.5	<0.01	<4	120	<5		7.99
Treated Water	09/May/22	1.6	<0.5	<0.01	<4	<1	<5		8.08
WTP - Raw Water	17/May/22	6.2	<0.5	<0.04	<5	120	<5		8.06
Treated Water	17/May/22	1.9	<0.5	<0.01	<4	<1	<5		8.08
WTP - Raw Water	24/May/22	6.5	<0.5	0.02	16	130	<5		7.99
Treated Water	24/May/22	2.2	<0.5	0.01	<4	<1	<5		8.03
WTP - Raw Water	30/May/22	6.5	<0.5	<0.01	8	130	<5		7.98
Treated Water	30/May/22	2.1	<0.5	<0.01	6	<1	<5		8.01
WTP - Raw Water	06/Jun/22	6.5	<0.5	<0.01	11	120	<5		8.02
Treated Water	06/Jun/22	2.1	<0.5	<0.01	<4	<1	<5		8.07
WTP - Raw Water	13/Jun/22	8.1	<0.5	0.02	10	150	<5		8.01
Treated Water	13/Jun/22	2.4	<0.5	<0.01	<4	<1	<5		8.65
WTP - Raw Water	20/Jun/22	7.5	<0.5	0.02	33	120	<5		7.98
Treated Water	20/Jun/22	3.2	<0.5	0.07	<4	<1.0	<5		8.02
WTP - Raw Water	27/Jun/22	7.5	<1.0	0.10	<10	134	<5		8.03
Treated Water	27/Jun/22	3.8	<1.0	<0.1	<10	<5	<5		8.07

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	04/Jul/22	7.3	<0.5	<0.01	<4	140	<5		8.00
Treated Water	04/Jul/22	3.6	<0.05	<0.01	<4	<1	<5		8.05
WTP - Raw Water	12/Jul/22	7.5	<0.5	<0.01	<4	140	<5		7.95
Treated Water	12/Jul/22	3.7	<0.05	<0.01	<4	<1	<5		8.05
WTP - Raw Water	18/Jul/22	7.5	<0.5	<0.01	<4	130	<5		8.08
Treated Water	18/Jul/22	3.7	<0.5	<0.01	<4	<1	<5		8.09
WTP - Raw Water	25/Jul/22	6.7	<0.5	<0.01	<4	140	<5		7.73
Treated Water	25/Jul/22	3.8	<0.5	<0.01	<4	<1	<5		7.40
WTP - Raw Water	02/Aug/22	7.7	<1.0	<0.10	<10	136	<5		8.10
Treated Water	02/Aug/22	4.3	<1.0	<0.10	<10	<5	<5		8.02
WTP - Raw Water	08/Aug/22	6.7	<0.5	<0.01	<4	140	<5		7.99
Treated Water	08/Aug/22	3.9	<0.5	0.02	<4	<1	<5		7.94
WTP - Raw Water	15/Aug/22	6.7	<0.05	0.07	<4	140	<5		7.77
Treated Water	15/Aug/22	4.0	<0.5	<0.01	<4	<1	<5		7.47
WTP - Raw Water	22/Aug/22	6.7	<0.5	<0.01	<4	130	<5		7.74
Treated Water	22/Aug/22	4.0	<0.5	<0.01	<4	<1	<5		7.76
WTP - Raw Water	06/Sep/22	7.4	<0.5	0.03	<4	130	<5		7.77
Treated Water	06/Sep/22	4.2	<0.5	<0.01	<4	<1	<5		7.79
WTP - Raw Water	12/Sep/22	6.5	<0.5	<0.01	<4	130	<5		7.82
Treated Water	12/Sep/22	4.2	<0.5	0.02	<4	<1	<5		7.83
WTP - Raw Water	20/Sep/22	7.2	<1.0	<0.01	<10	151	<5		7.80
Treated Water	20/Sep/22	4.6	<1.0	<0.10	<10	<5	<5		7.80
WTP - Raw Water	26/Sep/22	6.6	<0.5	<0.01	<4	<5	<5		7.85
Treated Water	26/Sep/22	4.2	<0.5	<0.01	<4	<5	<5		7.84
WTP - Raw Water	04/Oct/22	7.5	2.0	0.50	20	158	<5		7.98
Treated Water	04/Oct/22	4.6	<1.0	<0.1	10	<5	<5		7.85
WTP - Raw Water	11/Oct/22	5.7	<0.5	0.02	<4	110	<5		8.02
Treated Water	11/Oct/22	4.7	<0.5	<0.01	<4	7	<5		7.84
WTP - Raw Water	17/Oct/22	6.7	<0.5	<0.01	<4	110	<5		7.78
Treated Water	17/Oct/22	4.0	<0.5	<0.01	<4	<1	<5		7.73
WTP - Raw Water	24/Oct/22	5.9	<0.5	<0.01	<4	110	<5		7.76
Treated Water	24/Oct/22	3.8	<0.5	<0.01	<4	<1	<5		7.80
WTP - Raw Water	31/Oct/22	5.7	<0.5	<0.01	<4	99	<5		7.88
Treated Water	31/Oct/22	3.4	<0.5	<0.01	<4	<1	<5		7.84