

Water Treatment Plant Metal Results 2020

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	06-Jan-20	6.7	<0.5	0.01	5	110	<5		8.05
Treated Water	06-Jan-20	4.0	<0.5	<0.01	<4	<1	<5		8.10
WTP - Raw Water	13-Jan-20	7.3	<0.5	<0.01	<4	120	<5		7.98
Treated Water	13-Jan-20	4.4	<0.5	<0.01	<4	<1	<5		8.04
WTP - Raw Water	21-Jan-20	5.5	<0.5	<0.01	5	140	<5		7.94
Treated Water	21-Jan-20	4.3	<0.5	<0.01	<4	<1	<5		8.06
WTP - Raw Water	28-Jan-20	5.2	2.3	<0.01	<4	170	<5		8.02
Treated Water	28-Jan-20	3.7	<0.5	<0.01	<4	<1	<5		8.14
WTP - Raw Water	07-Feb-20	6.2	N/A	N/A	3	160	N/A		8.02
Treated Water	07-Feb-20	3.2	N/A	N/A	<2	<1	N/A		7.98
WTP - Raw Water	07-Feb-20	6.0	N/A	N/A	2	130	N/A		7.98
Treated Water	07-Feb-20	3.3	N/A	N/A	<2	<1	N/A		7.98
WTP - Raw Water	07-Feb-20	6.1	N/A	N/A	<2	160	N/A		8.02
Treated Water	07-Feb-20	3.4	N/A	N/A	<2	<1	N/A		7.98
WTP - Raw Water	08-Feb-20	4.8	N/A	N/A	2	170	N/A		8.01
Treated Water	08-Feb-20	2.9	N/A	N/A	3	<1	N/A		8.01
WTP - Raw Water	08-Feb-20	5.8	N/A	N/A	2	120	N/A		8.02
Treated Water	08-Feb-20	2.9	N/A	N/A	3	<1	N/A		8.12
WTP - Raw Water	09-Feb-20	5.8	N/A	N/A	2	120	N/A		8.02
Treated Water	09-Feb-20	2.6	N/A	N/A	<2	<1	N/A		8.13
WTP - Raw Water	19-Feb-20	5.6	N/A	N/A	12	120	N/A		7.82
Treated Water	19-Feb-20	3.1	N/A	N/A	3	<1	N/A		7.87
WTP - Raw Water	19-Feb-20	5.4	N/A	N/A	2	120	N/A		7.88
Treated Water	19-Feb-20	3.1	N/A	N/A	3	<1	N/A		7.86
WTP - Raw Water	20-Feb-20	5.8	N/A	N/A	<2	150	N/A		8.02
Treated Water	20-Feb-20	2.6	N/A	N/A	6	<1	N/A		8.00
WTP - Raw Water	06-Mar-20	6.2	1.9	<0.01	<4	150	<5		8.08
Treated Water	06-Mar-20	2.7	<0.5	<0.01	<4	<1	<5		8.14
WTP - Raw Water	16-Mar-20	6.3	<0.5	<0.01	<4	160	<5		8.06
Treated Water	16-Mar-20	2.6	<0.5	<0.01	<4	<1	<5		8.16
WTP - Raw Water	19-Mar-20	5.7	1.7	<0.01	13	130	<5		7.96
Treated Water	19-Mar-20	2.5	<0.5	<0.01	5	<1	<5		8.03
WTP - Raw Water	23-Mar-20	5.9	14.3	0.20	15	160	<5		8.07
Treated Water	23-Mar-20	2.3	<0.5	<0.01	<4	<1	<5		8.06
WTP - Raw Water	30-Mar-20	6.1	<0.5	0.01	5	160	<5		7.99
Treated Water	30-Mar-20	2.3	<0.5	<0.01	<4	<1	<5		8.07
WTP - Raw Water	03-Apr-20	6.4	<0.5	<0.01	<4	150	<5		8.15
Treated Water	03-Apr-20	2.3	<0.5	<0.01	<4	<1	<5		8.17
Treated Water	08-Apr-20	2.4	N/A	N/A	N/A	<1	N/A		N/A
WTP - Raw Water	16-Apr-20	6.1	<0.5	0.02	<4	150	<5		8.03
Treated Water	16-Apr-20	2.6	<0.5	<0.01	<4	<1	<5		8.07
WTP - Raw Water	21-Apr-20	6.3	<0.5	<0.01	<4	160	<5		8.05
Treated Water	21-Apr-20	2.9	<0.5	<0.01	<4	<1	<5		8.09
WTP - Raw Water	27-Apr-20	6.6	<0.5	0.01	<4	160	<5		8.07
Treated Water	27-Apr-20	3.1	<0.5	<0.01	<4	<1	<5		8.12
WTP - Raw Water	07-May-20	6.0	<0.5	<0.01	<4	160	<5		7.93
Treated Water	07-May-20	2.9	<0.5	<0.01	<4	<1	<5		7.98
WTP - Raw Water	11-May-20	6.0	<0.5	0.01	<4	170	<5		7.88
Treated Water	11-May-20	2.7	<0.5	<0.01	<4	<1	<5		7.81
WTP - Raw Water	25-May-20	6.3	<0.5	<0.01	<4	160	<5		8.08
Treated Water	25-May-20	3.5	<0.5	<0.01	<4	2	<5		8.13
WTP - Raw Water	25-May-20	6.3	<0.5	<0.01	<4	160	<5		8.08

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
Treated Water	25-May-20	2.6	<0.5	<0.01	<4	<1	<5		8.13
WTP - Raw Water	02-Jun-20	6.1	<0.5	<0.01	<4	170	<5		8.14
Treated Water	02-Jun-20	2.6	<0.5	<0.01	<4	<1	<5		8.08
WTP - Raw Water	08-Jun-20	6.2	<0.5	<0.01	15	160	<5		8.10
Treated Water	08-Jun-20	2.8	<0.5	<0.01	<4	<1	<5		8.08
WTP - Raw Water	24-Jun-20	6.5	<0.5	<0.01	<4	160	<5		7.84
Treated Water	24-Jun-20	2.9	<0.5	<0.01	<4	<1	<5		8.05
WTP - Raw Water	30-Jun-20	6.4	<0.5	<0.01	4	160	<5		7.95
Treated Water	30-Jun-20	2.8	<0.5	<0.01	17	<1	<5		7.84
WTP - Raw Water	13-Jul-20	6.0	<0.5	<0.01	<4	180	<5		7.94
Treated Water	13-Jul-20	2.6	0.6	0.05	<4	<1	<5		8.01
WTP - Raw Water	20-Jul-20	6.1	<0.5	<0.01	<4	150	<5		7.96
Treated Water	20-Jul-20	2.6	0.6	0.03	<4	<1	<5		8.04
WTP - Raw Water	27-Jul-20	6.2	<0.5	<0.01	<4	140	<5		7.95
Treated Water	27-Jul-20	2.6	<0.5	0.01	<4	<1	<5		8.02
WTP - Raw Water	20-Aug-20	7.2	<0.5	<0.01	<4	130	<5		7.94
Treated Water	20-Aug-20	0.1	1.0	0.05	<4	<1	<5		8.05
WTP - Raw Water	31-Aug-20	6.9	<0.5	<0.01	<4	120	<5		7.90
Treated Water	31-Aug-20	0.2	<0.5	0.01	<4	<1	<5		8.01
WTP - Raw Water	14-Sep-20	5.9	<0.5	<0.01	5	140	<5		7.93
Treated Water	14-Sep-20	0.2	0.5	<0.01	<4	<1	<5		8.00
WTP - Raw Water	06-Oct-20	6.1	<0.5	<0.01	<4	130	<5		7.97
Treated Water	06-Oct-20	0.7	<0.5	<0.01	<4	<1	<5		8.13
WTP - Raw Water	26-Oct-20	6.2	<0.5	<0.01	<4	120	<5		7.93
Treated Water	26-Oct-20	1.0	<0.5	0.01	<4	<1	<5		8.00
WTP - Raw Water	10-Nov-20	6.1	<0.5	<0.01	<4	100	<5		7.88
Treated Water	10-Nov-20	1.1	<0.05	<0.01	<4	<1	<5		8.00
WTP - Raw Water	07-Dec-20	7.1	<0.5	<0.01	<4	130	<5		8.04
Treated Water	07-Dec-20	1.3	<0.5	<0.01	<4	<1	<5		8.05
Guideline Limit		10.0	2000	5	300	120			7.0-10.5

Raw Water is the untreated water that has been combined from the wells throughout the city. It has been identified in bold.