

Water Treatment Plant Metal Results 2019

Sample Location	Date Sampled	Arsenic mg/L	Copper mg/L	Lead mg/L	Iron mg/L	Manganese mg/L	Colour Units	Colour	pH
WTP - E700*	20-Mar-19	<0.0001	<0.0005	0.00002	<0.004	0.005	<5		7.72
WTP - E710*	20-Mar-19	<0.0001	<0.0005	0.00002	<0.004	0.007	<5		7.70
WTP - E720*	20-Mar-19	<0.0001	<0.0005	0.00001	<0.004	0.005	<5		7.84
WTP - E730*	20-Mar-19	<0.0001	<0.0005	0.00003	<0.004	0.003	<5		7.87
WTP - E700	23-Mar-19	<0.0001	<0.0005	<0.00001	<0.004	0.002	<5		7.89
WTP - E710	23-Mar-19	<0.0001	<0.0005	<0.00001	<0.004	0.002	<5		8.04
WTP - E720	23-Mar-19	<0.0001	<0.0005	<0.00001	<0.004	0.002	<5		8.12
WTP - E730	23-Mar-19	<0.0001	<0.0005	<0.00001	<0.004	0.002	<5		8.14
WTP - E700 - 2	23-Mar-19	<0.0001	<0.0005	<0.00001	<0.004	0.003	<5		8.07
WTP - E710 - 2	23-Mar-19	<0.0001	<0.0005	0.00008	<0.004	0.003	<5		8.05
WTP - E720 - 2	23-Mar-19	<0.0001	<0.0005	<0.00001	<0.004	0.003	<5		8.08
WTP - E730 - 2	23-Mar-19	<0.0001	<0.0005	<0.00001	0.009	0.002	<5		8.09
WTP - E700	28-Mar-19	<0.0001	<0.0005	<0.00001	0.005	<0.001	<5		7.78
WTP - E710	28-Mar-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		7.88
WTP - E720	28-Mar-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		7.90
WTP - E730	28-Mar-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		7.92
WTP - E700	29-Mar-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		7.93
WTP - E710	29-Mar-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		7.91
WTP - E720	29-Mar-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		7.93
WTP - E730	29-Mar-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		7.96
WTP - Raw Water**	29-Mar-19	0.0069	<0.0005	<0.00001	<0.004	0.11	<5		8.14
WTP - E700	30-Mar-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		7.94
WTP - E710	30-Mar-19	<0.0001	<0.0005	<0.00001	0.028	<0.001	<5		7.88
WTP - E720	30-Mar-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		7.91
WTP - E730	30-Mar-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		7.92
WTP - Raw Water	30-Mar-19	0.0074	<0.0005	<0.00001	<0.004	0.15	<5		8.14
WTP - E700	01-Apr-19	<0.0001	<0.0005	<0.00001	0.005	<0.001	<5		7.86
WTP - E710	01-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		7.86
WTP - E720	01-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		7.90
WTP - E730	01-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		7.91
WTP - Raw Water	01-Apr-19	0.0068	<0.0005	<0.00001	0.006	0.11	<5		8.07
WTP - E700	02-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		7.83
WTP - E710	02-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		8.00
WTP - E720	02-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		8.06
WTP - E730	02-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		8.08
WTP - Raw Water	02-Apr-19	0.0070	<0.0005	<0.00001	<0.004	0.098	<5		8.18
WTP - E700	03-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		7.94
WTP - E710	03-Apr-19	<0.0001	<0.0005	0.00006	<0.004	<0.001	<5		8.00
WTP - E720	03-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		8.04
WTP - E730	03-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		8.04
WTP - Raw Water	03-Apr-19	0.0073	<0.0005	<0.00001	0.004	0.14	<5		8.11
WTP - E700	04-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		7.82
WTP - E710	04-Apr-19	<0.0001	<0.0005	<0.00001	0.007	<0.001	<5		8.04
WTP - E720	04-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		8.07
WTP - E730	04-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		8.09
WTP - Raw Water	04-Apr-19	0.0072	<0.0005	<0.00001	<0.004	0.14	<5		8.14
WTP - E700	05-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		7.81
WTP - E710	05-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		8.08
WTP - E720	05-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		8.10
WTP - E730	05-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5		8.11
WTP - Raw Water	05-Apr-19	0.0074	<0.0005	<0.00001	<0.004	0.15	<5		8.14

Sample Location	Date Sampled	Arsenic mg/L	Copper mg/L	Lead mg/L	Iron mg/L	Manganese mg/L	Colour Units	pH
WTP - E700	06-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.00
WTP - E710	06-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.07
WTP - E720	06-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.13
WTP - E730	06-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.14
WTP - Raw Water	06-Apr-19	0.0065	<0.0005	0.00001	<0.004	0.099	<5	8.01
WTP - E700	07-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	7.85
WTP - E710	07-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.06
WTP - E720	07-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.12
WTP - E730	07-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.13
WTP - Raw Water	07-Apr-19	0.0071	<0.0005	<0.00001	<0.004	0.089	<5	8.17
WTP - Raw Water	08-Apr-19	0.0070	<0.0005	<0.00001	<0.004	0.089	<5	8.09
Treated Water	08-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.08
WTP - Raw Water	09-Apr-19	0.0069	<0.0005	<0.00001	<0.004	0.11	<5	8.05
Treated Water	09-Apr-19	<0.0001	<0.0005	<0.00001	0.005	<0.001	<5	7.97
WTP - Raw Water	10-Apr-19	0.0069	<0.0005	<0.00001	<0.004	0.110	<5	8.06
Treated Water	10-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.05
WTP - Raw Water	11-Apr-19	0.0076	<0.0005	<0.00001	<0.004	0.15	<5	7.91
Treated Water	11-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.04
WTP - Raw Water	12-Apr-19	0.0068	<0.0005	<0.00001	<0.004	0.10	<5	8.10
Treated Water	12-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.09
WTP - Raw Water	13-Apr-19	0.0076	<0.0005	<0.00001	<0.004	0.15	<5	8.14
Treated Water	13-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.11
WTP - Raw Water	14-Apr-19	0.0076	<0.0005	<0.00001	0.007	0.15	<5	8.14
Treated Water	14-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.12
WTP - Raw Water	15-Apr-19	0.0075	<0.0005	<0.00001	<0.004	0.15	<5	8.03
Treated Water	15-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	7.84
WTP - Raw Water	16-Apr-19	0.0055	<0.0005	<0.00001	0.006	0.11	<5	7.91
Treated Water	16-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.09
WTP - Raw Water	17-Apr-19	0.0056	<0.0005	<0.00001	0.005	0.11	<5	8.09
Treated Water	17-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.08
WTP - Raw Water	18-Apr-19	0.0061	<0.0005	<0.00001	<0.004	0.14	<5	8.05
Treated Water	18-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	7.81
WTP - Raw Water	20-Apr-19	0.0055	<0.0005	<0.00001	0.008	0.090	<5	8.12
Treated Water	20-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.13
WTP - Raw Water	21-Apr-19	0.0053	<0.0005	<0.00001	<0.004	0.09	<5	8.12
Treated Water	21-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.13
WTP - Raw Water	22-Apr-19	0.0058	<0.0005	<0.00001	<0.004	0.15	<5	8.12
Treated Water	22-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.13
WTP - Raw Water	23-Apr-19	0.0058	<0.0005	<0.00001	0.004	0.15	<5	8.16
Treated Water	23-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.14
WTP - Raw Water	24-Apr-19	0.0058	<0.0005	<0.00001	<0.004	0.15	<5	7.95
Treated Water	24-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.24
WTP - Raw Water	25-Apr-19	0.0063	<0.0005	<0.00001	<0.004	0.16	<5	7.83
Treated Water	25-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.03
WTP - Raw Water	26-Apr-19	0.0062	<0.0005	0.00002	0.039	0.16	<5	8.02
Treated Water	26-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	7.82
WTP - Raw Water	27-Apr-19	0.0052	<0.0005	<0.00001	<0.004	0.18	<5	8.10
Treated Water	27-Apr-19	<0.0001	<0.0005	0.00006	<0.004	<0.001	<5	8.08
WTP - Raw Water	28-Apr-19	0.0075	<0.0005	0.00002	<0.004	0.12	<5	8.08
Treated Water	28-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.07
WTP - Raw Water	29-Apr-19	0.0069	<0.0005	<0.00001	<0.004	0.15	<5	8.11
Treated Water	29-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.08
WTP - Raw Water	30-Apr-19	0.0067	<0.0005	<0.00001	<0.004	0.14	<5	8.00
Treated Water	30-Apr-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.07

Sample Location	Date Sampled	Arsenic mg/L	Copper mg/L	Lead mg/L	Iron mg/L	Manganese mg/L	Colour Units	pH
WTP - Raw Water	01-May-19	0.0068	<0.0005	<0.00001	<0.004	0.14	<5	7.61
Treated Water	01-May-19	<0.0001	<0.0005	0.00001	<0.004	<0.001	<5	8.02
WTP - Raw Water	02-May-19	0.0068	<0.0005	<0.00001	<0.004	0.14	<5	8.07
Treated Water	02-May-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.08
WTP - Raw Water	03-May-19	0.0067	<0.0005	<0.00001	<0.004	0.14	<5	6.80
Treated Water	03-May-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	7.66
WTP - Raw Water	04-May-19	0.0069	<0.0005	<0.00001	<0.004	0.15	<5	8.12
Treated Water	04-May-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.12
WTP - Raw Water	05-May-19	0.0063	<0.0005	<0.00001	0.004	0.17	<5	7.92
Treated Water	05-May-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.10
WTP - Raw Water	06-May-19	0.0065	<0.0005	<0.00001	<0.004	0.13	<5	8.09
Treated Water	06-May-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.07
WTP - Raw Water	07-May-19	0.0067	<0.0005	<0.00001	<0.004	0.093	<5	7.87
Greensand BWW***	07-May-19					1.9		
Treated Water	07-May-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.06
WTP - Raw Water	08-May-19	0.0066	<0.0005	<0.00001	<0.004	0.092	<5	8.08
Treated Water	08-May-19	<0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.10
WTP - Raw Water	09-May-19	0.0066	<0.0005	<0.00001	<0.004	0.094	<5	7.82
Treated Water	09-May-19	<0.0001	<0.0005	<0.00001	0.006	<0.001	<5	8.04
Greensand BWW	10-May-19					2.5		
WTP - Raw Water	11-May-19	0.0064	<0.0005	<0.00001	<0.004	0.087	<5	8.00
Treated Water	11-May-19	0.0001	<0.0005	<0.00001	<0.004	<0.001	<5	8.00
WTP - Raw Water	13-May-19	0.0066	<0.0005	<0.00001	<0.004	0.10	<5	7.81
Treated Water	13-May-19	0.0002	<0.0005	<0.00001	<0.004	<0.001	<5	7.99
WTP - Raw Water	14-May-19	0.0057	<0.0005	<0.00001	<0.004	0.14	<5	8.09
Greensand BWW	14-May-19					1.5		
Treated Water	14-May-19	0.0005	<0.0005	<0.00001	<0.004	<0.001	<5	8.09
WTP - Raw Water	15-May-19	0.0055	<0.0005	<0.00001	<0.004	0.14	<5	7.89
Greensand BWW	15-May-19					1.4		
Treated Water	15-May-19	0.0004	<0.0005	<0.00001	<0.004	<0.001	<5	8.06
WTP - Raw Water	16-May-19	0.0057	<0.0005	<0.00001	<0.004	0.14	<5	7.54
Treated Water	16-May-19	0.0004	<0.0005	<0.00001	<0.004	0.002	<5	8.03
Greensand BWW	16-May-19					1.3		
WTP - Raw Water	17-May-19	0.0071	<0.0005	<0.00001	<0.004	0.16	<5	8.09
Treated Water	17-May-19	0.0004	<0.0005	<0.00001	<0.004	<0.001	<5	8.06
WTP - Raw Water	18-May-19	0.0074	<0.0005	<0.00001	<0.004	0.16	<5	7.90
Treated Water	18-May-19	0.0004	<0.0005	<0.00001	<0.004	<0.001	<5	8.08
Greensand BWW	18-May-19					1.2		
Greensand BWW	18-May-19					1.0		
WTP - Raw Water	19-May-19	0.0076	<0.0005	<0.00001	<0.004	0.16	<5	7.53
Treated Water	19-May-19	0.0004	<0.0005	<0.00001	<0.004	<0.001	<5	8.02
Greensand BWW	19-May-19					0.88		
WTP - Raw Water	20-May-19	0.0076	<0.0005	<0.00001	<0.004	0.16	<5	8.09
Greensand BWW	20-May-19	0.0005	<0.0005	<0.00001	<0.004	0.002	<5	8.07
Treated Water	20-May-19					0.89		
WTP - Raw Water	21-May-19	0.0076	<0.0005	<0.00001	<0.004	0.16	<5	8.07
Treated Water	21-May-19	0.0005	<0.0005	<0.00001	<0.004	0.002	<5	8.08
WTP - Raw Water	22-May-19	0.0064	<0.0005	<0.00001	<0.004	0.11	<5	7.83
Treated Water	22-May-19	0.0005	<0.0005	<0.00001	<0.004	0.004	<5	8.11
Greensand BWW	22-May-19					1.6		
Greensand BWW	22-May-19					1.2		
WTP - Raw Water	23-May-19	0.0065	<0.0005	<0.00001	<0.004	0.11	<5	7.97
Treated Water	23-May-19	0.0005	<0.0005	<0.00001	<0.004	0.005	<5	8.02
Greensand BWW	23-May-19					0.95		

Sample Location	Date Sampled	Arsenic mg/L	Copper mg/L	Lead mg/L	Iron mg/L	Manganese mg/L	Colour Units	pH
WTP - Raw Water	24-May-19	0.0072	<0.0005	<0.00001	<0.004	0.11	<5	7.57
Treated Water	24-May-19	0.0005	<0.0005	<0.00001	<0.004	0.002	<5	7.90
Greensand BWW	24-May-19					0.79		
WTP - Raw Water	25-May-19	0.0073	<0.0005	<0.00001	<0.004	0.12	<5	7.97
Treated Water	25-May-19	0.0006	<0.0005	<0.00001	<0.004	<0.001	<5	8.23
Greensand BWW	25-May-19					0.89		
WTP - Raw Water	26-May-19	0.0062	<0.0005	<0.00001	<0.004	0.086	<5	8.25
Treated Water	26-May-19	0.0006	<0.0005	<0.00001	<0.004	0.002	<5	8.26
Greensand BWW	26-May-19					0.57		
WTP - Raw Water	27-May-19	0.0066	<0.0005	<0.00001	<0.004	0.087	<5	8.24
Treated Water	27-May-19	0.0007	<0.0005	<0.00001	<0.004	0.008	<5	8.27
Greensand BWW	27-May-19					0.52		
WTP - Raw Water	28-May-19	0.0071	<0.0005	<0.00001	<0.004	0.12	<5	7.83
Treated Water	28-May-19	0.0007	<0.0005	<0.00001	<0.004	0.001	<5	8.03
Greensand BWW	28-May-19					0.56		
WTP - Raw Water	29-May-19	0.0064	<0.0005	<0.00001	<0.004	0.088	<5	7.84
Treated Water	29-May-19	0.0008	<0.0005	<0.00001	<0.004	0.001	<5	7.98
Greensand BWW	29-May-19					0.67		
WTP - Raw Water	30-May-19	0.0071	<0.0005	0.00002	<0.004	0.12		
Treated Water	30-May-19	0.0010	<0.0005	<0.00001	<0.004	0.00		
Greensand BWW	30-May-19					1.5		
E33 BWW	30-May-19					0.87		
WTP - Raw Water	31-May-19	0.0063	<0.0005	<0.00001	<0.004	0.088	<5	7.81
Treated Water	31-May-19	0.0010	<0.0005	0.00004	<0.004	0.007	<5	7.98
Greensand BWW	31-May-19					0.98		
WTP - Raw Water	01-Jun-19	0.0066	<0.0005	0.00001	<0.004	0.091	<5	8.03
Treated Water	01-Jun-19	0.0010	<0.0005	0.00001	<0.004	0.002	<5	8.05
Greensand BWW	01-Jun-19					0.77		
WTP - Raw Water	02-Jun-19	0.0066	<0.0005	0.00001	<0.004	0.088	<5	7.81
Treated Water	02-Jun-19	0.0011	<0.0005	0.00001	<0.004	0.001	<5	7.99
Greensand BWW	02-Jun-19					0.86		
WTP - Raw Water	03-Jun-19	0.0063	<0.0005	<0.00001	<0.004	0.088	<5	8.00
Treated Water	03-Jun-19	0.0010	<0.0005	0.00003	<0.004	<0.001	<5	8.17
Greensand BWW	03-Jun-19					0.71		
WTP - Raw Water	04-Jun-19	0.0062	<0.0005	0.00002	<0.004	0.092	<5	8.20
Treated Water	04-Jun-19	0.0011	<0.0005	<0.00001	<0.004	<0.001	<5	8.24
Greensand BWW	04-Jun-19					0.58		
WTP - Raw Water	05-Jun-19	0.0062	<0.0005	0.00001	0.004	0.090	<5	7.81
Treated Water	05-Jun-19	0.0011	<0.0005	<0.00001	<0.004	<0.001	<5	8.08
Greensand BWW	05-Jun-19					0.70		
WTP - Raw Water	06-Jun-19	0.0063	<0.0005	<0.00001	<0.004	0.090	<5	7.98
Treated Water	06-Jun-19	0.0011	<0.0005	0.00003	<0.004	<0.001	<5	8.07
Greensand BWW	06-Jun-19					0.73		
WTP - Raw Water	07-Jun-19	0.0068	<0.0005	<0.00001	<0.004	0.12	<5	8.19
Treated Water	07-Jun-19	0.0010	<0.0005	<0.00001	<0.004	0.001	<5	8.18
Greensand BWW	07-Jun-19					0.77		
WTP - Raw Water	08-Jun-19	0.0062	<0.0005	<0.00001	<0.004	0.900	<5	7.91
Treated Water	08-Jun-19	0.0012	<0.0005	<0.00001	<0.004	<0.001	<5	8.12
Greensand BWW	08-Jun-19					0.63		
WTP - Raw Water	09-Jun-19	0.0062	<0.0005	<0.00001	<0.004	0.091	<5	8.18
Treated Water	09-Jun-19	0.0012	<0.0005	<0.00001	<0.004	<0.001	<5	8.18
Greensand BWW	09-Jun-19					0.56		
WTP - Raw Water	10-Jun-19	0.0060	<0.0005	<0.00001	<0.004	0.092	<5	8.15
Treated Water	10-Jun-19	0.0013	<0.0005	<0.00001	<0.004	0.006	<5	8.15
Greensand BWW	10-Jun-19					0.63		

Sample Location	Date Sampled	Arsenic mg/L	Copper mg/L	Lead mg/L	Iron mg/L	Manganese mg/L	Colour Units	pH
WTP - Raw Water	11-Jun-19	0.0067	<0.0005	0.00002	<0.004	0.13	<5	8.03
Treated Water	11-Jun-19	0.0015	0.0010	0.00001	<0.004	0.010	<5	8.16
Greensand BWW	11-Jun-19					0.62		
WTP - Raw Water	12-Jun-19	0.0070	0.0009	0.00002	0.005	0.14	<5	7.94
Treated Water	12-Jun-19	0.0020	0.0016	0.00002	<0.004	0.020	<5	8.03
Greensand BWW	12-Jun-19					0.78		
WTP - Raw Water	13-Jun-19	0.0066	<0.0005	<0.00001	<0.004	0.11	<5	8.09
Treated Water	13-Jun-19	0.0020	<0.0005	<0.00001	<0.004	0.022	<5	8.08
Greensand BWW	13-Jun-19					1.4		
WTP - Raw Water	14-Jun-19	0.0073	<0.0005	0.00001	<0.004	0.13	<5	7.67
Treated Water	14-Jun-19	0.0021	0.0080	0.00006	<0.004	0.021	<5	7.97
Greensand BWW	14-Jun-19					0.64		
E-33 BWW	14-Jun-19					0.75		
WTP - Raw Water	15-Jun-19	0.0071	<0.0005	<0.00001	<0.004	0.13	<5	7.96
Treated Water	15-Jun-19	0.0024	<0.0005	0.00001	<0.004	0.026	<5	8.07
Greensand BWW	15-Jun-19					0.74		
Greensand BWW	17-Jun-19					0.96		
WTP - Raw Water	18-Jun-19	0.0072	0.0016	0.00002	<0.004	0.13	<5	7.83
Treated Water	18-Jun-19	0.0026	0.0006	0.00001	<0.004	0.030	<5	8.06
Greensand BWW	18-Jun-19					0.73		
WTP - Raw Water	19-Jun-19	0.0067	0.0007	0.00003	<0.004	0.11	<5	8.19
Treated Water	19-Jun-19	0.0026	0.0006	0.00001	<0.004	0.031	<5	8.19
Greensand BWW	19-Jun-19					0.59		
E-33 BWW	19-Jun-19					0.75		
Greensand BWW	22-Jun-19					0.68		
Greensand BWW	23-Jun-19					0.71		
WTP - Raw Water	25-Jun-19	0.0059	<0.0005	<0.00001	<0.004	0.10	<5	7.81
Treated Water	25-Jun-19	0.0026	<0.0005	0.00001	<0.004	0.025	<5	7.82
Greensand BWW	25-Jun-19					0.59		
WTP - Raw Water	26-Jun-19	0.0062	<0.0005	0.00001	<0.004	0.10	<5	7.92
Treated Water	26-Jun-19	0.0024	<0.0005	<0.00001	<0.004	0.022	<5	8.06
Greensand BWW	26-Jun-19					0.81		
WTP - Raw Water	27-Jun-19	0.0064	<0.0005	0.00001	<0.004	0.12	<5	8.05
Treated Water	27-Jun-19	0.0024	<0.0005	<0.00001	<0.004	0.008	<5	8.05
WTP - Raw Water	28-Jun-19	0.0064	<0.0005	0.00001	<0.004	0.12	<5	8.07
Treated Water	28-Jun-19	0.0023	<0.0005	<0.00001	<0.004	0.002	<5	8.07
Greensand BWW	28-Jun-19					0.74		
Greensand BWW	29-Jun-19					1.0		
WTP - Raw Water	30-Jun-19	0.0065	<0.0005	0.00002	<0.004	0.11	<5	7.76
Treated Water	30-Jun-19	0.0026	0.0018	<0.00001	<0.004	0.008	<5	8.02
Greensand BWW	30-Jun-19					1.1		
WTP - Raw Water	02-Jul-19	0.0064	0.0007	0.00001	<0.004	0.11	<5	7.74
Treated Water	02-Jul-19	0.0026	0.0018	0.00003	<0.004	0.007	<5	7.83
WTP - Raw Water	15-Jul-19	0.0069	<0.0005	<0.00001	<0.004	0.13	<5	7.77
Treated Water	15-Jul-19	0.0033	<0.0005	<0.00001	<0.004	<0.001	<5	8.00
WTP - Raw Water	18-Jul-19	0.0066	0.0023	<0.00001	<0.004	0.13	<5	8.07
Treated Water	18-Jul-19	0.0032	<0.0005	<0.00001	<0.004	<0.001	<5	8.11
Greensand BWW	18-Jul-19					1.10		
WTP - Raw Water	22-Jul-19	0.0066	<0.0005	<0.00001	0.006	0.13	<5	8.00
Treated Water	22-Jul-19	0.0033	<0.0005	<0.00001	<0.004	<0.001	<5	8.06
WTP - Raw Water	25-Jul-19	0.0062	<0.0005	<0.00001	<0.004	0.004	<5	8.07
Treated Water	25-Jul-19	0.0037	<0.0005	<0.00001	<0.004	<0.001	<5	8.11
Greensand BWW	29-Jul-19					2.20		
WTP - Raw Water	29-Jul-19	0.0065	<0.0005	<0.00001	<0.004	0.13	<5	7.73
Treated Water	29-Jul-19	0.0032	<0.0005	<0.00001	<0.004	<0.001	<5	8.13

Sample Location	Date Sampled	Arsenic mg/L	Copper mg/L	Lead mg/L	Iron mg/L	Manganese mg/L	Colour Units	Colour Units	pH
Greensand BWW	06-Aug-19					1.5			
WTP - Raw Water	06-Aug-19	0.0062	0.0009	<0.00001	<0.004	0.14	<5		8.13
Treated Water	06-Aug-19	0.0032	<0.0005	<0.00001	<0.004	<0.001	<5		8.11
WTP - Raw Water	12-Aug-19	0.0065	<0.0005	<0.00001	<0.004	0.16	<5		7.98
Treated Water	12-Aug-19	0.0035	<0.0005	<0.00001	<0.004	<0.001	<5		8.07
Greensand BWW	12-Aug-19					2.10			
WTP - Raw Water	19-Aug-19	0.0063	<0.0005	<0.00001	<0.004	0.13	<5		7.75
Treated Water	19-Aug-19	0.0036	<0.0005	<0.00001	<0.004	<0.001	<5		7.91
Greensand BWW	19-Aug-19					2.10			
WTP - Raw Water	26-Aug-19	0.0072	<0.0005	<0.00001	<0.004	0.16	<5		7.99
Treated Water	26-Aug-19	0.0041	<0.0005	<0.00001	<0.004	<0.001	<5		7.90
Greensand BWW	27-Aug-19					3.12			
WTP - Raw Water	28-Aug-19	0.0065	<0.0005	0.00001	<0.004	0.13	<5		7.96
Treated Water	28-Aug-19	0.0038	<0.0005	<0.00001	<0.004	<0.001	<5		7.87
WTP - Raw Water	03-Sep-19	0.0062	<0.0005	<0.00001	<0.004	0.13	<5		7.89
Treated Water	03-Sep-19	0.0036	<0.0005	<0.00001	<0.004	<0.001	<5		8.07
Greensand BWW	03-Sep-19					2.2			
WTP - Raw Water	09-Sep-19	0.0064	<0.0005	0.00003	<0.004	0.16	<5		8.21
Treated Water	09-Sep-19	0.0038	<0.0005	<0.00001	0.031	<0.001	<5		8.14
Greensand BWW	09-Sep-19					2.8			
WTP - Raw Water	16-Sep-19	0.0071	<0.0005	<0.00001	<0.004	0.11	<5		7.78
Treated Water	16-Sep-19	0.0038	0.0006	0.00004	<0.004	<0.001	<5		8.20
Greensand BWW	16-Sep-19					1.8			
Greensand BWW	19-Sep-19					1.1			
Greensand BWW	23-Sep-19					0.82			
WTP - Raw Water	25-Sep-19	0.0068	<0.0005	<0.00001	0.005	0.11	<5		7.71
Treated Water	25-Sep-19	0.0034	<0.0005	<0.00001	0.006	<0.001	<5		8.03
WTP - Raw Water	30-Sep-19	0.0068	0.0102	0.00004	<0.004	0.09	<5		7.76
Treated Water	30-Sep-19	0.0039	0.0006	0.00007	<0.004	<0.001	<5		8.11
Greensand BWW	30-Sep-19					0.9300			
WTP - Raw Water	07-Oct-19	0.0070	<0.001	<0.0001	<0.01	0.099	<5		7.45
Treated Water	07-Oct-19	0.0041	<0.001	<0.0001	<0.01	<0.005	<5		7.86
Greensand BWW	07-Oct-19					0.6570			
Greensand BWW	15-Oct-19					0.76			
WTP - Raw Water	15-Oct-19	0.0057	<0.0005	<0.00001	<0.004	0.078	<5		7.97
Treated Water	15-Oct-19	0.0039	<0.0005	<0.00001	<0.004	<0.001	<5		8.10
Greensand BWW	21-Oct-19					1.00			
Nominal Detection Limit		0.0001	0.0005	0.00001	0.004	0.001	5		0.01
Guideline Limit		0.010	1.0	0.005	0.3	0.05			7.0-10.5

* E700-E730 samples are taken from each filter unit during testing. The flow from the 4 units is combined before being forwarded to the reservoirs at Oxford and Merklin

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

*** BWW is the backwash water that is discharged to the sewer. Per Metro Vancouver, the guideline limit for manganese is 5.0 mg/L