

2.2.1 BACTERIOLOGICAL DATA

Water Treatment Plants

June 2025



Location	#	Mean	Range	YTD #	YTD Mean	YTD Range
EL Smith Raw						
Cellular ATP (pg/mL)	1	35.8	35.8	4	74.6	21.5 - 158.5
Coliforms total (MPN/100 mL)	4	507.3	75.9 - 1553.1	29	446.5	21.3 - 4962.0
E. coli (MPN/100 mL)	4	20.9	29.5 - 46.5	29	8.9	1.0 - 82.0
Rossdale Raw						
Cellular ATP (pg/mL)	1	54.5	54.5	6	58.2	7.6 - 128.0
Coliforms total (MPN/100 mL)	30	1126.2	22.8 - 10950.0	181	703.5	21.6 - 10950.0
E. coli (MPN/100 mL)	30	63.2	2.0 - 466.0	181	47.5	1.0 - 3328.0
EL Smith Treated						
Cellular ATP (pg/mL)	30	0.1	<0.10 - 0.9	181	0.1	<0.10 - 1.6
Coliforms total (PA/100mL)	30	-VE	-VE	181	-VE	-VE
E. coli (PA/100mL)	30	-VE	-VE	181	-VE	-VE
Rossdale Treated						
Cellular ATP (pg/mL)	30	0.1	<0.10 - 0.3	181	0.1	<0.10 - 1.3
Coliforms total (PA/100mL)	30	-VE	-VE	181	-VE	-VE
E. coli (PA/100mL)	30	-VE	-VE	181	-VE	-VE
EL Smith Reservoir						
Cellular ATP (pg/mL)	30	0.1	<0.10 - 0.3	181	0.1	<0.10 - 1.8
Coliforms total (PA/100mL)	30	-VE	-VE	181	-VE	-VE
E. coli (PA/100mL)	30	-VE	-VE	181	-VE	-VE
Rossdale Reservoir						
Cellular ATP (pg/mL)	30	0.1	<0.10 - 0.3	181	0.1	<0.10 - 0.5
Coliforms total (PA/100mL)	30	-VE	-VE	181	-VE	-VE
E. coli (PA/100mL)	30	-VE	-VE	181	-VE	-VE

Parameter (Units)	#	Mean	Range	YTD #	YTD Mean	YTD Range
Cellular ATP (pg/mL)	132	0.3	<0.10 - 7.0	723	0.2	<0.10 - 10.0
Chlorine total (mg/L)	229	1.70	0.73 - 2.19	1320	1.84	0.19 - 2.34
Coliforms total (MPN/100 mL)	4	Not Detected	Not Detected	14	Not Detected	Not Detected
Coliforms total (PA/100mL)	225	-VE	+VE	1306	-VE	+VE - -VE
E. coli (MPN/100 mL)	4	Not Detected	Not Detected	14	Not Detected	Not Detected
E. coli (PA/100mL)	225	-VE	-VE	1306	-VE	-VE
Turbidity (NTU)	229	0.28	0.05 - 3.26	1320	0.21	<0.04 - 6.84

