

2.2.1 BACTERIOLOGICAL DATA

Water Treatment Plants

October 2025



Location	#	Mean	Range	YTD #	YTD Mean	YTD Range
EL Smith Raw						
Cellular ATP (pg/mL)				6	71.2	21.5 - 158.5
Coliforms total (MPN/100 mL)	5	343.0	133.3 - 613.1	47	468.5	21.3 - 4962.0
E. coli (MPN/100 mL)	5	62.5	11.0 - 248.1	47	21.7	1.0 - 248.1
Rossdale Raw						
Cellular ATP (pg/mL)	1	24.2	24.2	11	60.2	7.6 - 175.2
Coliforms total (MPN/100 mL)	31	274.5	55.2 - 920.8	304	608.7	21.6 - 10950.0
E. coli (MPN/100 mL)	31	20.0	1.0 - 201.4	304	41.0	1.0 - 3328.0
EL Smith Treated						
Cellular ATP (pg/mL)	31	0.1	<0.10 - 0.3	304	0.1	<0.10 - 1.6
Coliforms total (PA/100mL)	31	-VE	-VE	304	-VE	-VE
E. coli (PA/100mL)	31	-VE	-VE	304	-VE	-VE
Rossdale Treated						
Cellular ATP (pg/mL)	31	0.1	<0.10 - 0.2	304	0.1	<0.10 - 1.3
Coliforms total (PA/100mL)	31	-VE	-VE	304	-VE	-VE
E. coli (PA/100mL)	31	-VE	-VE	304	-VE	-VE
EL Smith Reservoir						
Cellular ATP (pg/mL)	31	0.1	<0.10 - 0.3	304	0.1	<0.10 - 1.8
Coliforms total (PA/100mL)	31	-VE	-VE	304	-VE	-VE
E. coli (PA/100mL)	31	-VE	-VE	304	-VE	-VE
Rossdale Reservoir						
Cellular ATP (pg/mL)	31	0.1	<0.10 - 0.3	304	0.1	<0.10 - 0.5
Coliforms total (PA/100mL)	31	-VE	-VE	304	-VE	-VE
E. coli (PA/100mL)	31	-VE	-VE	304	-VE	-VE

Parameter (Units)	#	Mean	Range	YTD #	YTD Mean	YTD Range
Cellular ATP (pg/mL)	150	0.3	<0.10 - 3.7	1354	0.3	<0.10 - 10.0
Chlorine total (mg/L)	236	1.74	0.88 - 2.14	2289	1.76	0.19 - 2.34
Coliforms total (MPN/100 mL)	3	Not Detected	Not Detected	33	Not Detected	Not Detected
Coliforms total (PA/100mL)	232	-VE	-VE	2257	-VE	+VE - -VE
E. coli (MPN/100 mL)	3	Not Detected	Not Detected	33	Not Detected	Not Detected
E. coli (PA/100mL)	232	-VE	-VE	2257	-VE	-VE
Turbidity (NTU)	236	0.37	0.05 - 14.00	2289	0.24	<0.04 - 14.00

