

2.2.1 BACTERIOLOGICAL DATA

Water Treatment Plants

July 2025



Location	#	Mean	Range	YTD #	YTD Mean	YTD Range
EL Smith Raw						
Cellular ATP (pg/mL)	1	88.3	88.3	5	77.4	21.5 - 158.5
Coliforms total (MPN/100 mL)	5	514.8	344.8 - 866.4	34	456.6	21.3 - 4962.0
E. coli (MPN/100 mL)	5	20.6	7.3 - 40.4	34	10.6	1.0 - 82.0
Rossdale Raw						
Cellular ATP (pg/mL)	1	175.2	175.2	7	74.9	7.6 - 175.2
Coliforms total (MPN/100 mL)	31	657.3	50.4 - 5510.0	212	696.8	21.6 - 10950.0
E. coli (MPN/100 mL)	31	48.8	2.0 - 322.0	212	47.7	1.0 - 3328.0
EL Smith Treated						
Cellular ATP (pg/mL)	31	0.1	<0.10 - 0.2	212	0.1	<0.10 - 1.6
Coliforms total (PA/100mL)	31	-VE	-VE	212	-VE	-VE
E. coli (PA/100mL)	31	-VE	-VE	212	-VE	-VE
Rossdale Treated						
Cellular ATP (pg/mL)	31	0.1	<0.10 - 0.4	212	0.1	<0.10 - 1.3
Coliforms total (PA/100mL)	31	-VE	-VE	212	-VE	-VE
E. coli (PA/100mL)	31	-VE	-VE	212	-VE	-VE
EL Smith Reservoir						
Cellular ATP (pg/mL)	31	0.1	<0.10 - 0.2	212	0.1	<0.10 - 1.8
Coliforms total (PA/100mL)	31	-VE	-VE	212	-VE	-VE
E. coli (PA/100mL)	31	-VE	-VE	212	-VE	-VE
Rossdale Reservoir						
Cellular ATP (pg/mL)	31	0.1	<0.10 - 0.5	212	0.1	<0.10 - 0.5
Coliforms total (PA/100mL)	31	-VE	-VE	212	-VE	-VE
E. coli (PA/100mL)	31	-VE	-VE	212	-VE	-VE

Parameter (Units)	#	Mean	Range	YTD #	YTD Mean	YTD Range
Cellular ATP (pg/mL)	173	0.5	<0.10 - 5.5	896	0.3	<0.10 - 10.0
Chlorine total (mg/L)	262	1.60	0.70 - 2.24	1582	1.80	0.19 - 2.34
Coliforms total (MPN/100 mL)				14	Not Detected	Not Detected
Coliforms total (PA/100mL)	261	-VE	-VE	1567	-VE	+VE - -VE
E. coli (MPN/100 mL)				14	Not Detected	Not Detected
E. coli (PA/100mL)	261	-VE	-VE	1567	-VE	-VE
Turbidity (NTU)	262	0.23	<0.04 - 3.16	1582	0.21	<0.04 - 6.84

