

2.2.1 BACTERIOLOGICAL DATA

Water Treatment Plants

November 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)	4	141.6	95.9 - 161.6	51	442.9	21.3 - 4962.0
E. coli (MPN/100 mL)	4	9.0	5.2 - 14.8	51	20.7	1.0 - 248.1
Rossdale Raw						
Cellular ATP (pg/mL)	1	27.9	27.9	12	57.5	7.6 - 175.2
Coliforms total (MPN/100 mL)	30	699.7	52.8 - 13734.0	334	616.9	21.6 - 13734.0
E. coli (MPN/100 mL)	30	33.5	3.0 - 524.0	334	40.3	1.0 - 3328.0
EL Smith Treated						
Cellular ATP (pg/mL)	30	0.1	<0.10 - 0.4	334	0.1	<0.10 - 1.6
Coliforms total (PA/100mL)	30	-VE	-VE	334	-VE	-VE
E. coli (PA/100mL)	30	-VE	-VE	334	-VE	-VE
Rossdale Treated						
Cellular ATP (pg/mL)	30	0.1	<0.10 - 0.2	334	0.1	<0.10 - 1.3
Coliforms total (PA/100mL)	30	-VE	-VE	334	-VE	-VE
E. coli (PA/100mL)	30	-VE	-VE	334	-VE	-VE
EL Smith Reservoir						
Cellular ATP (pg/mL)	30	0.1	<0.10 - 0.3	334	0.1	<0.10 - 1.8
Coliforms total (PA/100mL)	30	-VE	-VE	334	-VE	-VE
E. coli (PA/100mL)	30	-VE	-VE	334	-VE	-VE
Rossdale Reservoir						
Cellular ATP (pg/mL)	30	0.1	<0.10 - 0.3	334	0.1	<0.10 - 0.5
Coliforms total (PA/100mL)	30	-VE	-VE	334	-VE	-VE
E. coli (PA/100mL)	30	-VE	-VE	334	-VE	-VE

Parameter (Units)	#	Mean	Range	YTD #	YTD Mean	YTD Range
Cellular ATP (pg/mL)	113	0.2	<0.10 - 1.0	1467	0.3	<0.10 - 10.0
Chlorine total (mg/L)	214	1.83	1.02 - 2.14	2503	1.76	0.19 - 2.34
Coliforms total (MPN/100 mL)				33	Not Detected	Not Detected
Coliforms total (PA/100mL)	214	-VE	-VE	2471	-VE	+VE - -VE
E. coli (MPN/100 mL)				33	Not Detected	Not Detected
E. coli (PA/100mL)	214	-VE	-VE	2471	-VE	-VE
Turbidity (NTU)	214	0.15	<0.04 - 2.42	2503	0.23	<0.04 - 14.00

