

2.2.1 BACTERIOLOGICAL DATA

Water Treatment Plants

September 2025



Location	#	Mean	Range	YTD #	YTD Mean	YTD Range
EL Smith Raw						
Cellular ATP (pg/mL)	1	40.2	40.2	6	71.2	21.5 - 158.5
Coliforms total (MPN/100 mL)	4	284.3	166.4 - 547.5	42	483.4	21.3 - 4962.0
E. coli (MPN/100 mL)	4	53.3	17.3 - 148.3	42	16.8	1.0 - 148.3
Rossdale Raw						
Cellular ATP (pg/mL)	2	40.9	18.1 - 63.7	10	63.8	7.6 - 175.2
Coliforms total (MPN/100 mL)	30	132.2	39.3 - 410.6	273	646.6	21.6 - 10950.0
E. coli (MPN/100 mL)	30	20.9	2.0 - 110.6	273	43.3	1.0 - 3328.0
EL Smith Treated						
Cellular ATP (pg/mL)	30	0.1	<0.10 - 0.3	273	0.1	<0.10 - 1.6
Coliforms total (PA/100mL)	30	-VE	-VE	273	-VE	-VE
E. coli (PA/100mL)	30	-VE	-VE	273	-VE	-VE
Rossdale Treated						
Cellular ATP (pg/mL)	30	0.1	<0.10 - 0.5	273	0.1	<0.10 - 1.3
Coliforms total (PA/100mL)	30	-VE	-VE	273	-VE	-VE
E. coli (PA/100mL)	30	-VE	-VE	273	-VE	-VE
EL Smith Reservoir						
Cellular ATP (pg/mL)	30	0.1	<0.10 - 0.4	273	0.1	<0.10 - 1.8
Coliforms total (PA/100mL)	30	-VE	-VE	273	-VE	-VE
E. coli (PA/100mL)	30	-VE	-VE	273	-VE	-VE
Rossdale Reservoir						
Cellular ATP (pg/mL)	30	0.1	<0.10 - 0.2	273	0.1	<0.10 - 0.5
Coliforms total (PA/100mL)	30	-VE	-VE	273	-VE	-VE
E. coli (PA/100mL)	30	-VE	-VE	273	-VE	-VE

2.2.2 BACTERIOLOGICAL DATA

Distribution System

September 2025



Parameter (Units)	#	Mean	Range	YTD #	YTD Mean	YTD Range
Cellular ATP (pg/mL)	156	0.3	<0.10 - 1.9	1204	0.3	<0.10 - 10.0
Chlorine total (mg/L)	224	1.67	0.96 - 2.20	2053	1.76	0.19 - 2.34
Coliforms total (MPN/100 mL)	4	Not Detected	Not Detected	30	Not Detected	Not Detected
Coliforms total (PA/100mL)	219	-VE	+VE	2025	-VE	+VE - -VE
E. coli (MPN/100 mL)	4	Not Detected	Not Detected	30	Not Detected	Not Detected
E. coli (PA/100mL)	219	-VE	-VE	2025	-VE	-VE
Turbidity (NTU)	224	0.27	0.04 - 2.72	2053	0.23	<0.04 - 6.84

223

Count of Bacteriological Tests

107%

Percent of Target Sampling (210)

50%

Analyzed by AHS

50%

Analyzed by Epcor

PROJECT_NAME ● Distribution Water ● Outlying Field Reservoirs

