

2.2.1 BACTERIOLOGICAL DATA

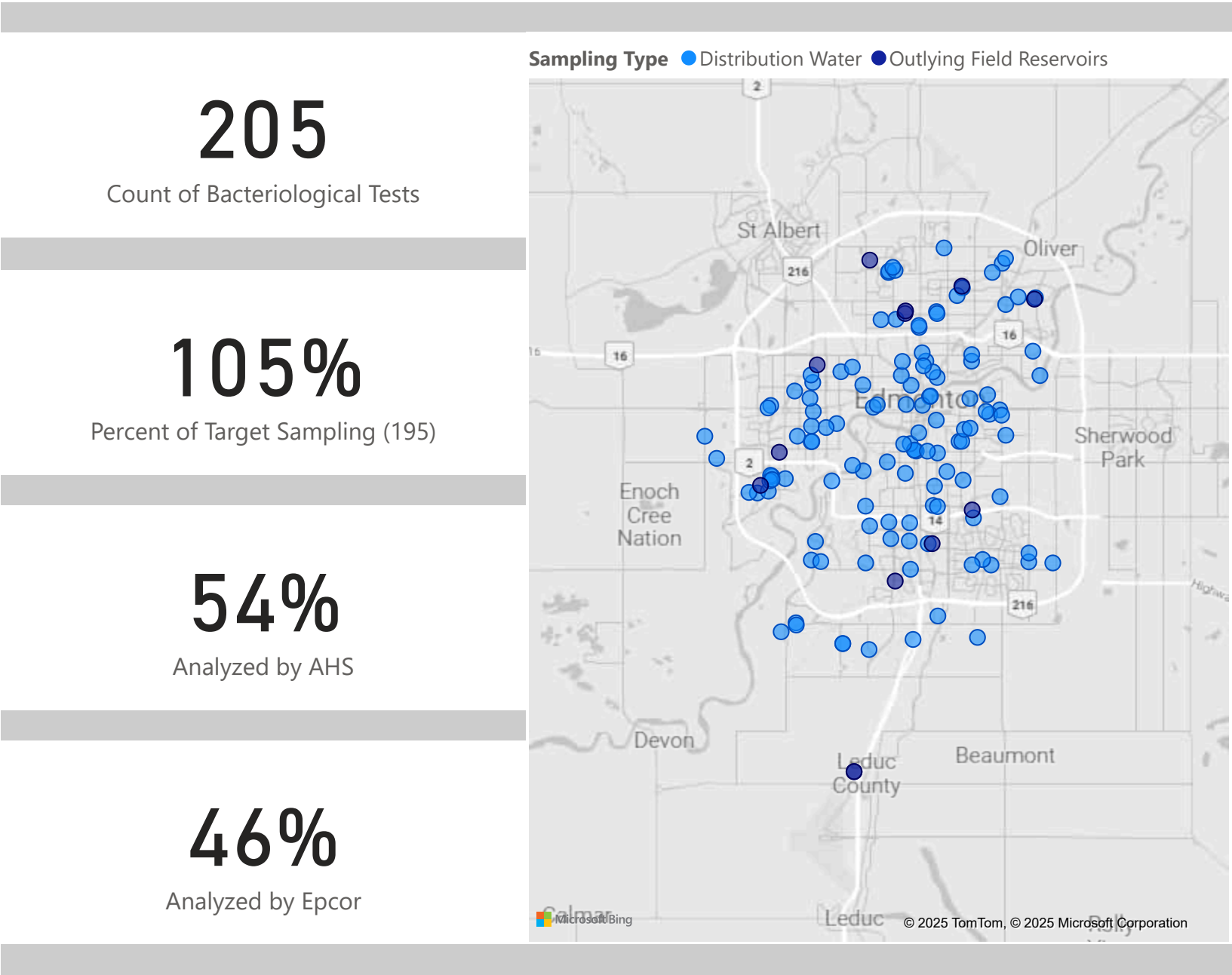
Water Treatment Plants

March 2025



Location	#	Mean	Range	YTD #	YTD Mean	YTD Range
EL Smith Raw						
Cellular ATP (pg/mL)				1	21.5	21.5
Coliforms total (MPN/100 mL)	5	1498.1	52.8 - 4962.0	16	497.3	21.3 - 4962.0
E. coli (MPN/100 mL)	5	18.9	1.0 - 82.0	16	6.2	1.0 - 82.0
Rossdale Raw						
Cellular ATP (pg/mL)	1	26.5	26.5	3	21.8	7.6 - 31.2
Coliforms total (MPN/100 mL)	31	908.4	36.4 - 4718.0	90	567.4	22.8 - 7308.0
E. coli (MPN/100 mL)	31	40.1	1.0 - 126.0	90	62.4	1.0 - 3328.0
EL Smith Treated						
Cellular ATP (pg/mL)	31	<0.10	<0.10	90	0.1	<0.10 - 0.2
Coliforms total (PA/100mL)	31	-VE	-VE	90	-VE	-VE
E. coli (PA/100mL)	31	-VE	-VE	90	-VE	-VE
Rossdale Treated						
Cellular ATP (pg/mL)	31	0.1	<0.10 - 0.2	90	0.1	<0.10 - 0.5
Coliforms total (PA/100mL)	31	-VE	-VE	90	-VE	-VE
E. coli (PA/100mL)	31	-VE	-VE	90	-VE	-VE
EL Smith Reservoir						
Cellular ATP (pg/mL)	31	0.10	<0.10	90	0.1	<0.10 - 0.4
Coliforms total (PA/100mL)	31	-VE	-VE	90	-VE	-VE
E. coli (PA/100mL)	31	-VE	-VE	90	-VE	-VE
Rossdale Reservoir						
Cellular ATP (pg/mL)	31	0.1	<0.10 - 0.2	90	0.1	<0.10 - 0.3
Coliforms total (PA/100mL)	31	-VE	-VE	90	-VE	-VE
E. coli (PA/100mL)	31	-VE	-VE	90	-VE	-VE

Parameter (Units)	#	Mean	Range	YTD #	YTD Mean	YTD Range
Cellular ATP (pg/mL)	112	0.1	<0.10 - 2.0	341	0.2	<0.10 - 2.0
Coliforms total (MPN/100 mL)	5	Not Detected	Not Detected	5	Not Detected	Not Detected
Coliforms total (PA/100mL)	205	-VE	-VE	609	-VE	+VE - -VE
E. coli (MPN/100 mL)	5	Not Detected	Not Detected	5	Not Detected	Not Detected
E. coli (PA/100mL)	205	-VE	-VE	609	-VE	-VE



Location Date	EL Smith Raw Cryptosporidium	Giardia	EL Smith Reservoir Cryptosporidium	Giardia	Rossdale Raw Cryptosporidium	Giardia	Rossdale Reservoir Cryptosporidium	Giardia
Jan 13					<32.29	<32.29	<0.1	<0.1
Jan 14	<1.64	<1.64	<0.09	<0.09				
Feb 10	<1	1	<0.1	<0.1	<1	13.9	<0.1	<0.1
Mar 11	<2.78	11.1	<0.1	<0.1	<3.76	18.8	<0.09	<0.09