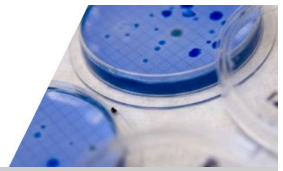


2.2.1 BACTERIOLOGICAL DATA

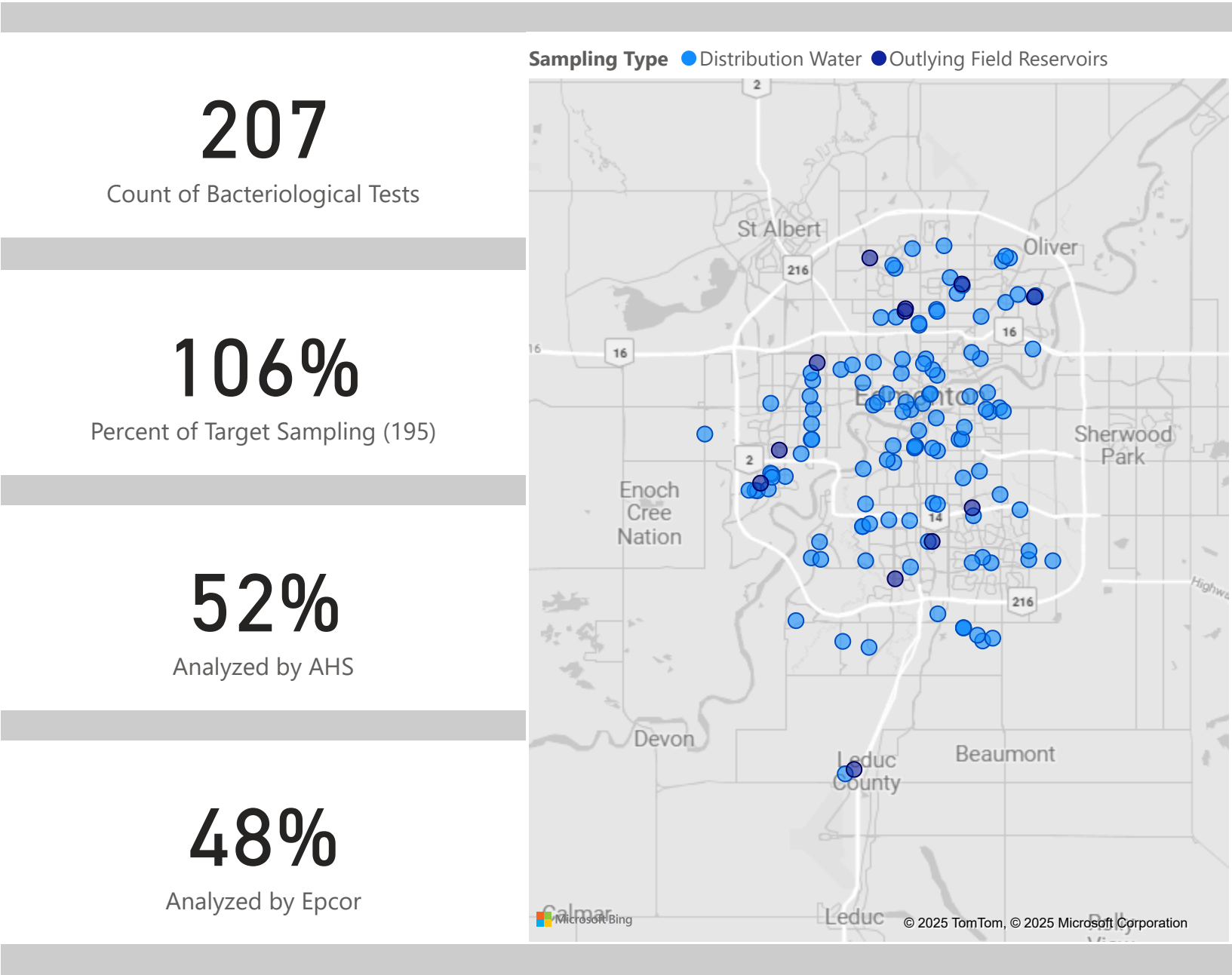
Water Treatment Plants

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Location	#	Mean	Range	YTD #	YTD Mean	YTD Range
EL Smith Raw						
Cellular ATP (pg/mL)	1	21.5	21.5	1	21.5	21.5
Coliforms total (MPN/100 mL)	6	31.3	21.3 - 44.8	11	42.4	21.3 - 77.1
E. coli (MPN/100 mL)	6	Not Detected	1.0	11	Not Detected	1.0 - 3.1
Rossdale Raw						
Cellular ATP (pg/mL)	1	31.2	31.2	2	19.4	7.6 - 31.2
Coliforms total (MPN/100 mL)	28	297.2	22.8 - 2802.0	59	388.3	22.8 - 7308.0
E. coli (MPN/100 mL)	28	18.7	1.0 - 71.2	59	74.2	1.0 - 3328.0
EL Smith Treated						
Cellular ATP (pg/mL)	28	0.1	<0.10 - 0.2	59	0.1	<0.10 - 0.2
Coliforms total (PA/100mL)	28	-VE	-VE	59	-VE	-VE
E. coli (PA/100mL)	28	-VE	-VE	59	-VE	-VE
Rossdale Treated						
Cellular ATP (pg/mL)	28	0.1	<0.10 - 0.5	59	0.1	<0.10 - 0.5
Coliforms total (PA/100mL)	28	-VE	-VE	59	-VE	-VE
E. coli (PA/100mL)	28	-VE	-VE	59	-VE	-VE
EL Smith Reservoir						
Cellular ATP (pg/mL)	28	0.1	<0.10 - 0.2	59	0.1	<0.10 - 0.4
Coliforms total (PA/100mL)	28	-VE	-VE	59	-VE	-VE
E. coli (PA/100mL)	28	-VE	-VE	59	-VE	-VE
Rossdale Reservoir						
Cellular ATP (pg/mL)	28	0.1	<0.10 - 0.3	59	0.1	<0.10 - 0.3
Coliforms total (PA/100mL)	28	-VE	-VE	59	-VE	-VE
E. coli (PA/100mL)	28	-VE	-VE	59	-VE	-VE

Parameter (Units)	#	Mean	Range	YTD #	YTD Mean	YTD Range
Cellular ATP (pg/mL)	109	0.2	<0.10 - 2.0	229	0.2	<0.10 - 2.0
Coliforms total (PA/100mL)	207	-VE	+VE	404	-VE	+VE - -VE
E. coli (PA/100mL)	207	-VE	-VE	404	-VE	-VE





2.2.3 SUMMARY OF GIARDIA AND CRYPTOSPORIDIUM

Water Treatment Plants

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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