

2.2.1 BACTERIOLOGICAL DATA

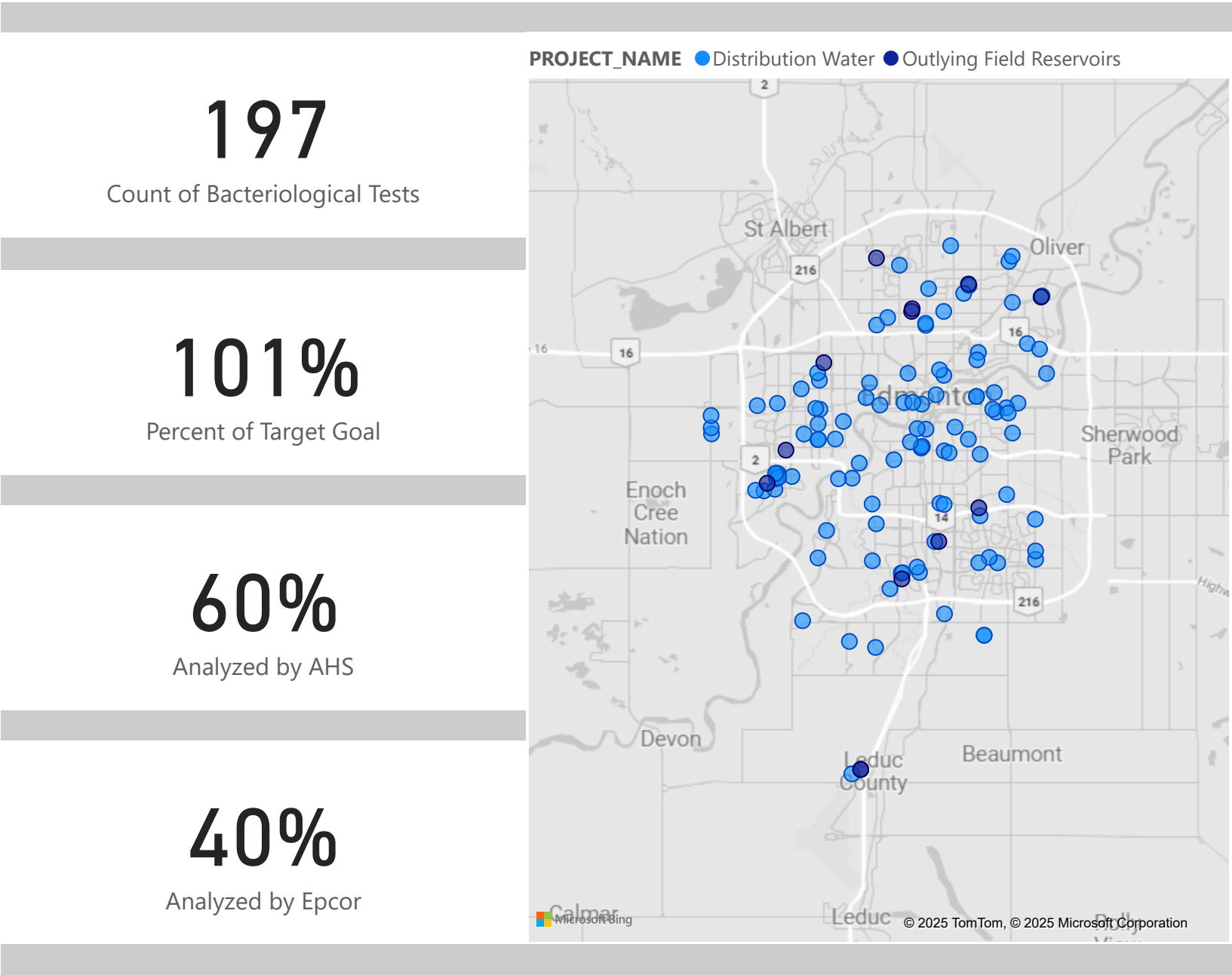
Water Treatment Plants

January 2025



Location	#	Mean	Range	YTD #	YTD Mean	YTD Range
EL Smith Raw						
Coliforms total (MPN/100 mL)	5	55.8	32.3 - 77.1	5	55.8	32.3 - 77.1
E. coli (MPN/100 mL)	5	Not Detected	3.1	5	Not Detected	3.1
Rossdale Raw						
Cellular ATP (pg/mL)	1	7.6	7.6	1	7.6	7.6
Coliforms total (MPN/100 mL)	31	470.5	28.5 - 7308.0	31	470.5	28.5 - 7308.0
E. coli (MPN/100 mL)	31	124.4	1.0 - 3328.0	31	124.4	1.0 - 3328.0
EL Smith Treated						
Cellular ATP (pg/mL)	31	0.1	<0.10 - 0.2	31	0.1	<0.10 - 0.2
Coliforms total (PA/100mL)	31	-VE	-VE	31	-VE	-VE
E. coli (PA/100mL)	31	-VE	-VE	31	-VE	-VE
Rossdale Treated						
Cellular ATP (pg/mL)	31	0.1	<0.10 - 0.3	31	0.1	<0.10 - 0.3
Coliforms total (PA/100mL)	31	-VE	-VE	31	-VE	-VE
E. coli (PA/100mL)	31	-VE	-VE	31	-VE	-VE
EL Smith Reservoir						
Cellular ATP (pg/mL)	31	0.1	<0.10 - 0.4	31	0.1	<0.10 - 0.4
Coliforms total (PA/100mL)	31	-VE	-VE	31	-VE	-VE
E. coli (PA/100mL)	31	-VE	-VE	31	-VE	-VE
Rossdale Reservoir						
Cellular ATP (pg/mL)	31	0.1	<0.10 - 0.3	31	0.1	<0.10 - 0.3
Coliforms total (PA/100mL)	31	-VE	-VE	31	-VE	-VE
E. coli (PA/100mL)	31	-VE	-VE	31	-VE	-VE

Parameter (Units)	#	Mean	Range	YTD #	YTD Mean	YTD Range
Cellular ATP (pg/mL)	120	0.1	<0.10 - 1.0	120	0.1	<0.10 - 1.0
Coliforms total (PA/100mL)	197	-VE	-VE	197	-VE	-VE
E. coli (PA/100mL)	197	-VE	-VE	197	-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