

## 2.2.1 BACTERIOLOGICAL DATA

Water Treatment Plants

June 2026



| Location                     | #  | Mean   | Range           | YTD # | YTD Mean | YTD Range      |
|------------------------------|----|--------|-----------------|-------|----------|----------------|
| <b>EL Smith Raw</b>          |    |        |                 |       |          |                |
| Coliforms total (MPN/100 mL) | 4  | 2738.6 | 686.7 - 7308.0  | 25    | 656.0    | 22.8 - 7308.0  |
| E. coli (MPN/100 mL)         | 4  | 195.3  | 18.5 - 636.0    | 25    | 36.6     | 1.0 - 636.0    |
| <b>Rossdale Raw</b>          |    |        |                 |       |          |                |
| Cellular ATP (pg/mL)         | 1  | 150.9  | 150.9           | 7     | 136.8    | 14.6 - 303.8   |
| Coliforms total (MPN/100 mL) | 30 | 4832.1 | 517.2 - 48392.0 | 177   | 1228.0   | 23.1 - 48392.0 |
| E. coli (MPN/100 mL)         | 30 | 796.7  | 63.1 - 9768.0   | 177   | 166.8    | 1.0 - 9768.0   |
| <b>EL Smith Treated</b>      |    |        |                 |       |          |                |
| Cellular ATP (pg/mL)         | 30 | 0.1    | <0.10 - 0.2     | 181   | 0.1      | <0.10 - 0.4    |
| Coliforms total (PA/100mL)   | 30 | -VE    | -VE             | 179   | -VE      | -VE            |
| E. coli (PA/100mL)           | 30 | -VE    | -VE             | 179   | -VE      | -VE            |
| <b>Rossdale Treated</b>      |    |        |                 |       |          |                |
| Cellular ATP (pg/mL)         | 30 | 0.1    | <0.10 - 0.2     | 178   | 0.1      | <0.10 - 0.4    |
| Coliforms total (PA/100mL)   | 30 | -VE    | -VE             | 176   | -VE      | -VE            |
| E. coli (PA/100mL)           | 30 | -VE    | -VE             | 176   | -VE      | -VE            |
| <b>EL Smith Reservoir</b>    |    |        |                 |       |          |                |
| Cellular ATP (pg/mL)         | 30 | 0.1    | <0.10 - 0.7     | 181   | 0.1      | <0.10 - 0.7    |
| Coliforms total (PA/100mL)   | 30 | -VE    | -VE             | 179   | -VE      | -VE            |
| E. coli (PA/100mL)           | 30 | -VE    | -VE             | 179   | -VE      | -VE            |
| <b>Rossdale Reservoir</b>    |    |        |                 |       |          |                |
| Cellular ATP (pg/mL)         | 30 | 0.1    | <0.10 - 0.2     | 179   | 0.1      | <0.10 - 0.4    |
| Coliforms total (PA/100mL)   | 30 | -VE    | -VE             | 178   | -VE      | -VE            |
| E. coli (PA/100mL)           | 30 | -VE    | -VE             | 178   | -VE      | -VE            |

| Parameter (Units)            | #   | Mean         | Range        | YTD # | YTD Mean     | YTD Range    |
|------------------------------|-----|--------------|--------------|-------|--------------|--------------|
| Cellular ATP (pg/mL)         | 126 | 0.2          | <0.10 - 3.5  | 706   | 0.2          | <0.10 - 9.4  |
| Chlorine total (mg/L)        | 247 | 1.67         | 0.45 - 2.11  | 1372  | 1.80         | 0.35 - 2.42  |
| Coliforms total (MPN/100 mL) | 4   | Not Detected | Not Detected | 22    | 21.0         | 461.1        |
| Coliforms total (PA/100mL)   | 243 | -VE          | -VE          | 1345  | -VE          | +VE - -VE    |
| E. coli (MPN/100 mL)         | 4   | Not Detected | Not Detected | 22    | Not Detected | Not Detected |
| E. coli (PA/100mL)           | 243 | -VE          | -VE          | 1345  | -VE          | -VE          |
| Turbidity (NTU)              | 247 | 0.23         | <0.04 - 4.62 | 1372  | 0.17         | <0.04 - 4.62 |

247

Count of Bacteriological Tests

118%

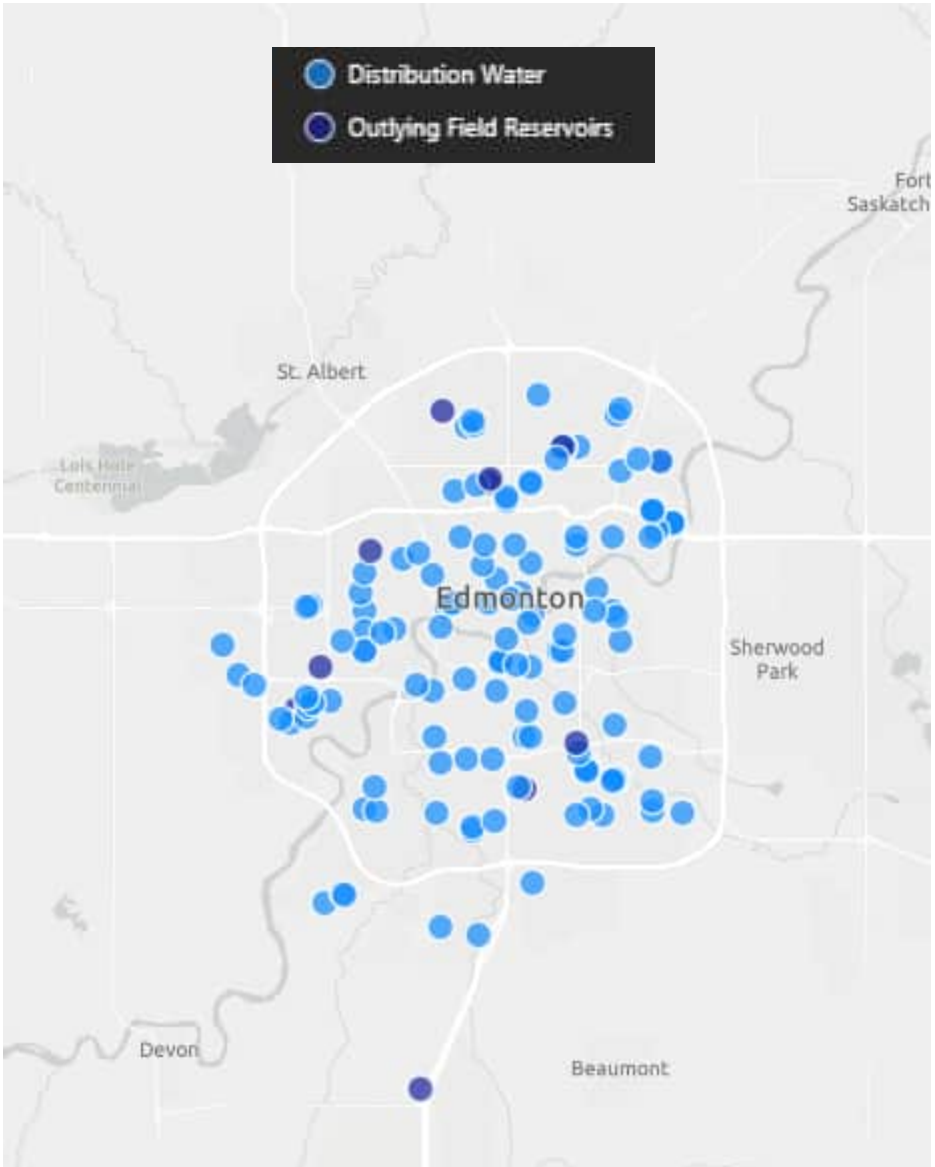
Percent of Target Sampling (210)

51%

Analyzed by AHS

49%

Analyzed by Epcor



● Distribution Water

● Outlying Field Reservoirs

Esri Canada, Esri, TomTom, Garmin, SafeGraph, FAO, METI/NASA, USG... Powered by Esri