



# EDMONTON WATERWORKS MONTHLY REPORT

June 2026

PROVIDING MORE

**EPCOR**



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### 1.1.1 **Operations – Rossdale and E.L. Smith Plants**

#### **Plant Bypasses**

The number of bypasses shown on Table 1.2.26 “Rossdale Waste Stream Data” and Table 1.2.27 “E.L. Smith Waste Stream Data” include both planned and unplanned bypasses. A planned bypass is any bypass that is planned for a minimum of one day ahead of the actual bypass. All other bypasses are considered unplanned.

In June, Rossdale Plant had 0 planned shutdowns and 1 bypass.

| <b>Date</b> | <b>Type</b> | <b>Bypass Description</b>                     |
|-------------|-------------|-----------------------------------------------|
| June 2      | Planned     | 3.67 hours – bypass for planned project work. |

In June, E.L. Smith Plant had 0 planned shutdowns and 1 bypass.

| <b>Date</b> | <b>Type</b> | <b>Bypass Description</b>                        |
|-------------|-------------|--------------------------------------------------|
| June 21     | Planned     | 0.42 hours – unplanned bypass due to power bump. |

#### **Clarifier Blowdown Volume**

- ◆ The clarifier blowdown volume shown on Table 1.2.26 and Table 1.2.27 include estimated plant leakage.

#### **Dechlorination Highlights**

- ◆ During the month of June, there were zero instances of chlorinated waste released at the outfall structure at Rossdale Water Treatment Plant.
- ◆ During the month of June, there were zero instances of chlorinated waste released at the outfall structure at E.L. Smith Water Treatment Plant.

#### **Monthly Highlights**

- ◆ On June 9th, the Rossdale Water Treatment Plant UV Reactor 9 experienced operational issues. This resulted in five brief periods, lasting around 60 seconds, where filtered water received a low UV dose. The UV reactor continued to run because these short periods did not meet the threshold that would trigger an automatic filter shutdown.

### **Chemical Dosing Highlights**

In June, due to high color and turbidity events in the North Saskatchewan River, Rossdale and E.L. Smith Water Treatment Plants exceeded the Maximum Use in the Standard 60, published by the National Sanitation Foundation and the American National Sanitation Standards Institute (NSF/ANSI) for Alum and Caustic Soda.

| Date                  | E.L. Smith     |                   | Rossdale       |                   |
|-----------------------|----------------|-------------------|----------------|-------------------|
|                       | Alum<br>(mg/L) | Caustic<br>(mg/L) | Alum<br>(mg/L) | Caustic<br>(mg/L) |
| June 22 <sup>nd</sup> | 289            | 59.6              | 251            | -                 |
| June 23 <sup>rd</sup> | 313            | 70.6              | 314            | 55.5              |
| June 24 <sup>th</sup> | 242            | 60.8              | 254            | 56.0              |
| June 25 <sup>th</sup> | 203            | 52.1              | -              | -                 |
| June 29 <sup>th</sup> | 269            | 59.3              | 214            | -                 |
| June 30 <sup>th</sup> | 281            | 64.7              | 236            | -                 |

### **Chemicals Used for the Month**

| CHEMICAL NAME                      | MANUFACTURER       |
|------------------------------------|--------------------|
| Aluminum Sulfate 48.5%             | Chemtrade          |
| Aqua Ammonia 19%                   | Univar             |
| Caustic Soda 50%                   | Chemtrade          |
| Hydrofluorosilicic Acid 25%        | Nutrien            |
| Magnafloc LT27AG / Praestol DW27AG | Solenis            |
| Magnafloc LT-7995                  | Solenis            |
| Phosphoric Acid 75%                | Innophos           |
| Sodium Hypochlorite 12%            | Univar             |
| Liquid Ammonium Sulphate 41%       | Umicore Canada Inc |
| Salt                               | Windsor            |
| Sodium Bisulphite 38%              | Chemtrade          |

## ENV-1.1.2 EDMONTON INCIDENT REPORT SUMMARY – June 2026

| EPCOR Incident Number  | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Date of Incident | AEPA Reference Number |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------|
| ENV-20260601-478511-v1 | About 500 m <sup>3</sup> of potable chlorinated water at +/-1.5ppm was released to the surface due to a suspected leak within the water distribution system buried underground. The water drained to the nearby catch basin. Dechlorination pucks were placed in the path of water and the water entry point into the drainage infrastructure to dechlorinate the water. The leak was isolated until the repair was completed. The lab results for tested water quality parameters were acceptable. | June 1, 2026     | 454087                |
| ENV-20260612-475947-v1 | About 36 m <sup>3</sup> of potable chlorinated water at +/-1.5ppm was released to the surface due to a suspected leak within the water distribution system buried underground. The water drained to the nearby catch basin. Dechlorination pucks were placed in the path of water and the water entry point into the drainage infrastructure to dechlorinate the water. The leak was isolated until the repair was completed. The lab results for tested water quality parameters were acceptable.  | June 12, 2026    | 454553                |
| ENV-20260630-094774-v1 | About 70 m <sup>3</sup> of potable chlorinated water at +/-1.5ppm was released to the surface due to a suspected leak within the water distribution system buried underground. The water drained to the nearby catch basin. Dechlorination pucks were placed in the path of water and the water entry point into the drainage infrastructure to dechlorinate the water. The leak was isolated until the repair was completed. The lab results for tested water quality parameters were acceptable.  | June 30, 2026    | 455393                |

### 1.1.3 Alberta Environment Operator Certifications

Operator Contact Number: EPCOR Water Services Dispatch (24 hr) (780) 412-4500

| ROSSDALE WATER TREATMENT PLANT (LEVEL IV)   |                                         |
|---------------------------------------------|-----------------------------------------|
| Director, Edmonton Water Treatment Plants   |                                         |
| Senior Manager, Operations                  |                                         |
| Manager, Operations                         |                                         |
| Title                                       | Alberta Environment Certification Level |
| Operations Engineer                         |                                         |
| Manager, Transmission Operations & Training | WT III                                  |
| Operator Foreman                            | WT IV                                   |
| HEI Foreman                                 | WT IV                                   |
| Operator Foreman                            | WT IV                                   |
| Operator Foreman                            | WT IV                                   |
| Transmission Foreman                        | WT III                                  |
| Training Foreman                            | WT III                                  |
| Lead Operator                               | WT II                                   |
| Transmisison Operator                       | WT III                                  |
| Water Operator                              | WT II                                   |
| Water Operator                              | WT III                                  |
| Water Operator                              | WT III                                  |
| Operations Trainer                          | WT III                                  |
| Day Foreman                                 | WT IV                                   |
| Operator Foreman                            | WT III                                  |
| Operator Foreman                            | WT III                                  |
| Water Operator                              | WT III                                  |
| Water Operator                              | WT III                                  |
| Lead Operator                               | WT IV                                   |
| Lead Operator                               | WT III                                  |
| Water Operator                              | WT III, WD II                           |
| Water Operator                              | WT III, WWT III                         |
| Water Operator                              | WT III                                  |
| Water Operator                              | WT II                                   |
| Water Operator                              | WT II, WD II, WWT II, WWC II            |
| Water Operator                              | WT II, WD I                             |
| Water Operator                              | WT II, WD II, WWT I, WWC II             |
| Water Operator                              | WT I, WD I, WWT I, WWC I                |
| Water Operator                              | WT I                                    |
| Water Operator                              | Non-certified                           |

### 1.1.3 Alberta Environment Operator Certifications

Operator Contact Number: EPCOR Water Services Dispatch (24 hr) (780) 412-4500

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#### **E.L. SMITH TREATMENT PLANT (LEVEL IV)**

**Director, Edmonton Water Treatment Plants**

**Senior Manager, Operations**

**Manager, Operations**

| Title | Alberta Environment Certification Level |
|-------|-----------------------------------------|
|-------|-----------------------------------------|

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|                     |                            |
|---------------------|----------------------------|
| Operations Engineer | WWC I                      |
| Day Foreman         | WT IV                      |
| HEI Foreman         | WT IV                      |
| Training Foreman    | WT IV                      |
| Operator Foreman    | WT IV                      |
| Operator Foreman    | WT IV                      |
| Operator Foreman    | WT III                     |
| Operator Foreman    | WT IV                      |
| Operator Foreman    | WT IV                      |
| Lead Operator       | WT IV                      |
| Lead Operator       | WT IV                      |
| Lead Operator       | WT II                      |
| Lead Operator       | WT III                     |
| Lead Operator       | WT III                     |
| Lead Operator       | WT II, WD II, WWT I, WWC I |
| Water Operator      | WT III                     |
| Water Operator      | WT III, WWT II,            |
| Water Operator      | WT III                     |
| Water Operator      | WT III, WWT III            |
| Water Operator      | WT II, WD I, WWT II, WWC I |
| Water Operator      | Non-certified              |
| Water Operator      | Non-certified              |

### 1.1.3 Alberta Environment Operator Certifications

Operator Contact Number: EPCOR Water Services Dispatch (24 hr) (780) 412-4500

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#### **DISTRIBUTION SYSTEM (LEVEL IV FACILITY) WATER DISTRIBUTION (WD) - CONSTRUCTION**

**Senior Manager, Maintenance and Construction**

**Manager, Distribution Maintenance**

**Manager, Dist. Maint Schedule**

| Title                  | Alberta Environment Certification Level |
|------------------------|-----------------------------------------|
| Water Network Operator | WD IV WWC I                             |
| Water Network Operator | WD IV                                   |
| Foreman III            | WD III                                  |
| Foreman III            | WD III                                  |
| Foreman III            | WD III                                  |
| Foreman III            | WD III                                  |
| Foreman III            | WD III                                  |
| Foreman I              | WD III WWC I                            |
| Foreman I              | WD III                                  |
| Foreman I              | WD IV                                   |
| Foreman I              | WD II                                   |
| Foreman I              | WD II                                   |
| Foreman I              | WD II                                   |
| Foreman I              | WD II                                   |
| Foreman I              | WD II                                   |
| Foreman I              | WD II                                   |
| Foreman I              | WD III                                  |
| Foreman I              | WD II                                   |
| Foreman I              | WD II                                   |
| Foreman I              | WD II                                   |
| Foreman I              | WD II                                   |
| Equipment Operator III | WD II                                   |
| Equipment Operator III | WD I                                    |
| Equipment Operator III | WD II                                   |
| Equipment Operator III | WD I                                    |
| Equipment Operator III | WD II                                   |
| Equipment Operator III | WD I                                    |
| Equipment Operator III | WD I                                    |
| Equipment Operator III | WD II                                   |
| Equipment Operator III | WD II                                   |
| Equipment Operator III | WD II                                   |
| Equipment Operator III | WD II                                   |
| Equipment Operator III | WD II                                   |
| Labourer II            | WD II                                   |
| Labourer II            | WD I                                    |
| Labourer II            | WD I                                    |
| Labourer II            | WD I                                    |
| Labourer II            | WD I                                    |
| Labourer II            | WD I                                    |
| Labourer III           | WD III                                  |
| Labourer II            | WD I                                    |

|              |      |
|--------------|------|
| Labourer III | WD I |
| Labourer II  | WD I |
| Labourer II  | WD I |
| Labourer II  | WD I |
| Labourer II  | WD I |

### **1.1.3 Alberta Environment Operator Certifications**

**Operator Contact Number: EPCOR Water Services Dispatch (24 hr) (780) 412-4500**

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#### **DISTRIBUTION SYSTEM (LEVEL IV FACILITY) WATER DISTRIBUTION (WD) - CONSTRUCTION**

**Senior Manager, Maintenance and Construction**

**Manager, Maintenance and Construction**

**Manager, Dist. Maint Scheduling**

| Title | Alberta Environment Certification Level |
|-------|-----------------------------------------|
|-------|-----------------------------------------|

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|                                   |                        |
|-----------------------------------|------------------------|
| Labourer III                      | WD I                   |
| Labourer II                       | WD I                   |
| Labourer II                       | WD II                  |
| Labourer II                       | WD I WWC I             |
| Labourer II                       | WD II WWC I WT I WWT I |
| Truck Driver III                  | WD II                  |
| Labourer II                       | WD II                  |
| Truck Driver III                  | WD II                  |
| Truck Driver III                  | WD II                  |
| Truck Driver III                  | WD I                   |
| Truck Driver III                  | WD I                   |
| Welder                            | WD II                  |
| Maintenance Repairman I           | WD II                  |
| Maintenance Repairman I           | WD I                   |
| Maintenance Repairman I           | WD I                   |
| Labourer II                       | WD I                   |
| Foreman I                         | WD I                   |
| Water Sys Tech Support Specialist | WD II                  |
| Water Sys Tech Support Specialist | WD IV                  |

**Operator Contact Number: EPCOR Water Services Dispatch (24 hr) (780) 412-4500**

## WATER DISTRIBUTION (WD) - SYSTEMS MAINTENANCE

## Manager, Field Operations

WD I

WD III

Alberta Environment Certification Level

[illegible]

### **1.1.3 Alberta Environment Operator Certifications**

**Operator Contact Number: EPCOR Water Services Dispatch (24 hr) (780) 412-4500**

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#### **DISTRIBUTION SYSTEM (LEVEL IV FACILITY)**

##### **WATER DISTRIBUTION (WD) - CUSTOMER SERVICE**

**Senior Manager, Customer Service**

**Manager, Dispatch**

WD II

**Manager, Customer Service**

Title

Alberta Environment Certification Level

---

Team Lead, Dispatch

Dispatcher Coordinator

WD I

Dispatcher Coordinator

WD I WWC I WT I WWT I

Inspector – Water Metering

WD II

Inspector – Water Metering

WD I

**Manager, Cross Connections**

WD II

Inspector – Cross Connections

WD I

**1.1.3 Alberta Environment Operator Certifications**

**Operator Contact Number: EPCOR Water Services Dispatch (24 hr) (780) 412-4500**

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**DISTRIBUTION SYSTEM (LEVEL IV FACILITY)**

**WATER METERING (WD)**

**Manager, Metering Operations**

**WD I**

**Title**

**Alberta Environment Certification Level**

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Foreman III

WD II

Meter Installer I

WD I

Meter Installer I

WD I

Meter Installer II

WD III

Meter Installer I

WD I WWC I

Meter Installer I

WD III

Meter Installer I

WD I

Meter Installer I

WD II

Meter Mechanic II

WD II

Meter Installer II

WD I

Meter Installer I

WD I

Meter Installer I

WD I

### 1.2.1 Raw Water Intake (ML)

June 2026

| Day           | Rossdale |         |             | E.L. Smith  | Plants Combined Total |
|---------------|----------|---------|-------------|-------------|-----------------------|
|               | Plant 1  | Plant 2 | Plant Total | Plant Total |                       |
| 1             | 50       | 99      | 149         | 241         | 390                   |
| 2             | 51       | 99      | 149         | 262         | 411                   |
| 3             | 50       | 99      | 149         | 293         | 442                   |
| 4             | 50       | 90      | 140         | 288         | 428                   |
| 5             | 51       | 89      | 140         | 280         | 420                   |
| 6             | 59       | 97      | 156         | 284         | 440                   |
| 7             | 60       | 100     | 160         | 273         | 433                   |
| 8             | 60       | 100     | 160         | 281         | 441                   |
| 9             | 66       | 105     | 171         | 293         | 464                   |
| 10            | 70       | 110     | 180         | 301         | 481                   |
| 11            | 70       | 109     | 179         | 301         | 481                   |
| 12            | 67       | 101     | 168         | 289         | 457                   |
| 13            | 62       | 92      | 153         | 280         | 434                   |
| 14            | 66       | 91      | 157         | 280         | 437                   |
| 15            | 78       | 98      | 177         | 293         | 470                   |
| 16            | 78       | 102     | 180         | 301         | 481                   |
| 17            | 66       | 102     | 168         | 288         | 456                   |
| 18            | 60       | 100     | 160         | 281         | 441                   |
| 19            | 54       | 90      | 145         | 274         | 419                   |
| 20            | 50       | 90      | 140         | 280         | 420                   |
| 21            | 49       | 81      | 130         | 267         | 397                   |
| 22            | 55       | 77      | 132         | 251         | 383                   |
| 23            | 57       | 84      | 141         | 240         | 381                   |
| 24            | 67       | 99      | 165         | 270         | 435                   |
| 25            | 79       | 111     | 190         | 305         | 495                   |
| 26            | 101      | 129     | 231         | 334         | 564                   |
| 27            | 75       | 109     | 184         | 295         | 480                   |
| 28            | 53       | 93      | 145         | 251         | 396                   |
| 29            | 55       | 92      | 147         | 243         | 390                   |
| 30            | 55       | 85      | 140         | 257         | 397                   |
| Monthly Total | 1,865    | 2,924   | 4,789       | 8,377       | 13,166                |
| Monthly Min   | 49       | 77      | 130         | 240         |                       |
| Monthly Max   | 101      | 129     | 231         | 334         |                       |
| Monthly Avg   | 62       | 97      | 160         | 279         | 439                   |

NOTES: ' -- ' indicates plant offline

## 1.2.2 Treated Water Production (ML)

June 2026

| Day          | Rossdale (Plant 1 & Plant 2) |     |       | E.L. Smith  |     |       | Plants Combined           | Reservoir Levels (%) |
|--------------|------------------------------|-----|-------|-------------|-----|-------|---------------------------|----------------------|
|              | Flow Meters                  |     |       | Flow Meters |     |       | Flow Meters (Both Plants) |                      |
|              | Min                          | Max | Total | Min         | Max | Total |                           |                      |
| 1            | 56                           | 208 | 134   | 202         | 306 | 223   | 357                       | 74.7                 |
| 2            | 0.0                          | 202 | 117   | 229         | 310 | 244   | 361                       | 72.3                 |
| 3            | 63                           | 205 | 135   | 206         | 309 | 270   | 405                       | 68.9                 |
| 4            | 59                           | 198 | 123   | 261         | 308 | 270   | 393                       | 71.1                 |
| 5            | 67                           | 201 | 122   | 208         | 307 | 260   | 381                       | 69.6                 |
| 6            | 54                           | 206 | 141   | 211         | 309 | 262   | 403                       | 68.2                 |
| 7            | 86                           | 205 | 145   | 209         | 297 | 253   | 398                       | 71.7                 |
| 8            | 67                           | 205 | 143   | 208         | 313 | 257   | 400                       | 68.1                 |
| 9            | 67                           | 206 | 157   | 206         | 367 | 271   | 428                       | 64.8                 |
| 10           | 113                          | 205 | 165   | 207         | 371 | 276   | 441                       | 63.8                 |
| 11           | 81                           | 203 | 163   | 259         | 337 | 279   | 442                       | 70.2                 |
| 12           | 92                           | 204 | 152   | 209         | 303 | 266   | 418                       | 74.3                 |
| 13           | 72                           | 202 | 136   | 208         | 297 | 259   | 395                       | 76.5                 |
| 14           | 87                           | 203 | 141   | 241         | 302 | 259   | 400                       | 72.7                 |
| 15           | 80                           | 203 | 162   | 210         | 309 | 270   | 433                       | 64.7                 |
| 16           | 89                           | 204 | 166   | 251         | 308 | 277   | 443                       | 64.1                 |
| 17           | 82                           | 203 | 154   | 209         | 307 | 263   | 417                       | 70.4                 |
| 18           | 67                           | 204 | 145   | 211         | 309 | 256   | 401                       | 71.1                 |
| 19           | 77                           | 198 | 131   | 211         | 311 | 253   | 383                       | 71.4                 |
| 20           | 71                           | 202 | 128   | 227         | 307 | 258   | 386                       | 67.5                 |
| 21           | 71                           | 202 | 120   | 205         | 289 | 238   | 358                       | 0.0                  |
| 22           | 56                           | 189 | 111   | 205         | 307 | 232   | 343                       | 66.7                 |
| 23           | 52                           | 189 | 116   | 208         | 282 | 221   | 337                       | 0.0                  |
| 24           | 85                           | 202 | 149   | 212         | 307 | 242   | 390                       | 52.1                 |
| 25           | 138                          | 204 | 172   | 204         | 363 | 278   | 450                       | 49.9                 |
| 26           | 91                           | 282 | 214   | 276         | 369 | 312   | 526                       | 56.7                 |
| 27           | 40                           | 274 | 166   | 206         | 345 | 272   | 439                       | 76.7                 |
| 28           | 74                           | 200 | 130   | 206         | 289 | 231   | 361                       | 83.4                 |
| 29           | 50                           | 194 | 128   | 204         | 283 | 221   | 349                       | 78.0                 |
| 30           | 56                           | 197 | 123   | 209         | 299 | 238   | 362                       | 72.0                 |
| Monthly Tota |                              |     | 4,289 |             |     | 7,710 | 12,000                    |                      |
| Monthly Min  | 0.0                          |     |       | 202         |     |       |                           |                      |
| Monthly Max  |                              | 282 |       |             | 371 |       |                           |                      |
| Monthly Avg  |                              |     | 143   |             |     | 257   | 400                       |                      |

NOTES: ' -- ' indicates plant offline

- Estimated flows are based on UV effluent flow meters to address inaccuracy of highlift flow meters.
- Reservoir levels (%) recorded daily at 7 AM

### 1.2.3 Raw Water Quality - North Saskatchewan River

June 2026

| Day                 | Rossdale        |       |       |     |     |     |              |       |       |  | E.L. Smith |                 |       |     |     |     |       |              |       |  |  |     |
|---------------------|-----------------|-------|-------|-----|-----|-----|--------------|-------|-------|--|------------|-----------------|-------|-----|-----|-----|-------|--------------|-------|--|--|-----|
|                     | Turbidity (NTU) |       |       | pH  |     |     | Colour (TCU) |       |       |  |            | Turbidity (NTU) |       |     | pH  |     |       | Colour (TCU) |       |  |  |     |
|                     | Min             | Max   | Avg   | Min | Max | Avg | Min          | Max   | Avg   |  |            | Min             | Max   | Avg | Min | Max | Avg   | Min          | Max   |  |  | Avg |
| 1                   | 90              | 140   | 110   | 8.2 | 8.3 | 8.2 | 7.3          | 9.6   | 8.6   |  | 95         | 120             | 110   | 8.2 | 8.3 | 8.2 | 6.6   | 8.7          | 7.6   |  |  |     |
| 2                   | 140             | 230   | 180   | 8.2 | 8.3 | 8.3 | 9.6          | 20.0  | 13.2  |  | 100        | 150             | 130   | 8.2 | 8.3 | 8.2 | 8.1   | 16.9         | 9.1   |  |  |     |
| 3                   | 140             | 200   | 160   | 8.2 | 8.3 | 8.2 | 8.5          | 16.7  | 12.0  |  | 120        | 260             | 150   | 8.1 | 8.2 | 8.2 | 9.1   | 18.6         | 13.1  |  |  |     |
| 4                   | 200             | 370   | 300   | 8.0 | 8.2 | 8.1 | 16.7         | 34.7  | 25.2  |  | 250        | 360             | 300   | 8.1 | 8.1 | 8.1 | 18.6  | 40.9         | 30.7  |  |  |     |
| 5                   | 170             | 370   | 280   | 8.1 | 8.1 | 8.1 | 34.1         | 38.0  | 35.5  |  | 160        | 360             | 230   | 8.1 | 8.1 | 8.1 | 38.0  | 44.8         | 40.0  |  |  |     |
| 6                   | 150             | 190   | 170   | 8.1 | 8.2 | 8.2 | 32.0         | 38.0  | 35.3  |  | 130        | 160             | 150   | 8.1 | 8.2 | 8.1 | 33.1  | 41.0         | 35.7  |  |  |     |
| 7                   | 140             | 190   | 150   | 8.2 | 8.2 | 8.2 | 26.8         | 32.0  | 29.5  |  | 120        | 150             | 130   | 8.1 | 8.2 | 8.1 | 26.8  | 36.6         | 30.1  |  |  |     |
| 8                   | 95              | 150   | 110   | 8.2 | 8.2 | 8.2 | 23.3         | 27.2  | 26.0  |  | 95         | 120             | 100   | 8.1 | 8.2 | 8.2 | 23.5  | 26.8         | 25.3  |  |  |     |
| 9                   | 75              | 100   | 90    | 8.2 | 8.2 | 8.2 | 22.0         | 24.0  | 23.2  |  | 70         | 95              | 80    | 8.1 | 8.2 | 8.2 | 23.5  | 26.4         | 24.3  |  |  |     |
| 10                  | 80              | 110   | 95    | 8.1 | 8.2 | 8.1 | 24.0         | 29.9  | 28.7  |  | 70         | 100             | 85    | 8.1 | 8.2 | 8.2 | 26.4  | 31.1         | 30.3  |  |  |     |
| 11                  | 55              | 80    | 65    | 8.1 | 8.2 | 8.2 | 27.2         | 30.8  | 29.2  |  | 50         | 70              | 55    | 8.1 | 8.2 | 8.2 | 28.1  | 31.5         | 30.2  |  |  |     |
| 12                  | 45              | 60    | 50    | 8.2 | 8.2 | 8.2 | 23.7         | 28.6  | 25.9  |  | 40         | 50              | 45    | 8.1 | 8.2 | 8.1 | 26.1  | 28.1         | 26.9  |  |  |     |
| 13                  | 45              | 110   | 75    | 8.2 | 8.3 | 8.2 | 23.7         | 27.6  | 25.9  |  | 40         | 110             | 80    | 8.1 | 8.2 | 8.1 | 26.6  | 29.7         | 28.5  |  |  |     |
| 14                  | 50              | 70    | 65    | 8.2 | 8.2 | 8.2 | 27.2         | 32.5  | 29.6  |  | 60         | 75              | 65    | 8.1 | 8.1 | 8.1 | 29.7  | 34.1         | 32.7  |  |  |     |
| 15                  | 50              | 95    | 70    | 8.1 | 8.2 | 8.2 | 30.7         | 33.8  | 32.7  |  | 55         | 75              | 70    | 8.1 | 8.2 | 8.2 | 32.7  | 35.3         | 34.4  |  |  |     |
| 16                  | 45              | 95    | 65    | 7.8 | 8.2 | 8.1 | 30.3         | 34.6  | 32.2  |  | 45         | 55              | 50    | 8.2 | 8.2 | 8.2 | 30.2  | 34.2         | 32.3  |  |  |     |
| 17                  | 33              | 65    | 50    | 8.1 | 8.2 | 8.1 | 23.0         | 30.7  | 26.4  |  | 45         | 55              | 50    | 8.1 | 8.2 | 8.2 | 24.0  | 30.2         | 26.8  |  |  |     |
| 18                  | 40              | 50    | 45    | 8.1 | 8.3 | 8.2 | 20.0         | 23.0  | 21.0  |  | 40         | 50              | 45    | 8.2 | 8.3 | 8.2 | 21.0  | 24.0         | 22.0  |  |  |     |
| 19                  | 45              | 85    | 60    | 8.3 | 8.3 | 8.3 | 18.9         | 20.7  | 19.6  |  | 50         | 85              | 75    | 8.0 | 8.2 | 8.1 | 19.4  | 22.3         | 20.8  |  |  |     |
| 20                  | 55              | 85    | 65    | 8.3 | 8.3 | 8.3 | 18.6         | 20.0  | 19.2  |  | 50         | 75              | 60    | 8.2 | 8.2 | 8.2 | 20.1  | 21.5         | 20.8  |  |  |     |
| 21                  | 55              | 200   | 120   | 8.1 | 8.3 | 8.2 | 19.2         | 26.1  | 22.4  |  | 45         | 380             | 95    | 8.2 | 8.2 | 8.2 | 19.6  | 33.9         | 23.6  |  |  |     |
| 22                  | 180             | 1,900 | 1,100 | 7.7 | 8.1 | 8.0 | 26.1         | 115.0 | 66.9  |  | 380        | 2,000           | 1,400 | 7.6 | 8.2 | 8.0 | 33.9  | 149.7        | 82.0  |  |  |     |
| 23                  | 500             | 1,700 | 1,100 | 7.7 | 7.7 | 7.7 | 86.1         | 131.7 | 111.7 |  | 400        | 1,600           | 850   | 7.5 | 7.8 | 7.6 | 102.8 | 140.4        | 120.3 |  |  |     |
| 24                  | 190             | 500   | 310   | 7.7 | 7.9 | 7.7 | 76.1         | 111.6 | 93.3  |  | 140        | 400             | 230   | 7.8 | 8.0 | 7.9 | 75.3  | 102.8        | 89.1  |  |  |     |
| 25                  | 90              | 240   | 130   | 7.8 | 7.9 | 7.8 | 53.1         | 76.1  | 62.5  |  | 85         | 140             | 110   | 8.0 | 8.1 | 8.0 | 54.7  | 83.3         | 63.4  |  |  |     |
| 26                  | 75              | 90    | 80    | 7.7 | 7.9 | 7.8 | 37.6         | 53.1  | 43.8  |  | 50         | 85              | 60    | 7.9 | 8.1 | 8.0 | 41.2  | 54.7         | 47.5  |  |  |     |
| 27                  | 55              | 80    | 65    | 7.7 | 8.1 | 7.9 | 36.9         | 41.2  | 39.3  |  | 33         | 50              | 45    | 7.9 | 8.0 | 7.9 | 31.2  | 41.2         | 36.2  |  |  |     |
| 28                  | 60              | 95    | 65    | 8.0 | 8.1 | 8.1 | 35.3         | 42.5  | 37.5  |  | 40         | 85              | 60    | 7.9 | 8.1 | 8.0 | 31.2  | 46.8         | 36.6  |  |  |     |
| 29                  | 85              | 450   | 180   | 7.9 | 8.1 | 8.0 | 42.5         | 96.0  | 62.0  |  | 85         | 450             | 220   | 7.9 | 8.1 | 8.0 | 46.8  | 102.0        | 74.0  |  |  |     |
| 30                  | 360             | 700   | 500   | 7.8 | 7.9 | 7.9 | 83.6         | 117.5 | 107.9 |  | 450        | 1,100           | 600   | 7.6 | 7.9 | 7.7 | 70.7  | 121.0        | 107.1 |  |  |     |
| Monthly Min/Max/Avg | 33              | 1,900 | 200   | 7.7 | 8.3 | 8.1 | 7.3          | 131.7 | 38.2  |  | 33         | 2,000           | 190   | 7.5 | 8.3 | 8.1 | 6.6   | 149.7        | 40.0  |  |  |     |

NOTES: ' -- ' indicates plant offline

## 1.2.4 Treated Water Quality Entering the Distribution System

June 2026

| Day                  | Rossdale        |      |      |                            |      |      |     |     |     |                          |      |      |                                             |              | E.L. Smith      |      |      |                            |      |      |     |     |     |                          |      |      |                                             |              |
|----------------------|-----------------|------|------|----------------------------|------|------|-----|-----|-----|--------------------------|------|------|---------------------------------------------|--------------|-----------------|------|------|----------------------------|------|------|-----|-----|-----|--------------------------|------|------|---------------------------------------------|--------------|
|                      | Turbidity (NTU) |      |      | Chloramine Residual (mg/L) |      |      | pH  |     |     | Fluoride Residual (mg/L) |      |      | Total Hardness (mg/L as CaCO <sub>3</sub> ) | Colour (TCU) | Turbidity (NTU) |      |      | Chloramine Residual (mg/L) |      |      | pH  |     |     | Fluoride Residual (mg/L) |      |      | Total Hardness (mg/L as CaCO <sub>3</sub> ) | Colour (TCU) |
|                      | Min             | Max  | Avg  | Min                        | Max  | Avg  | Min | Max | Avg | Min                      | Max  | Avg  | Total                                       | Avg          | Min             | Max  | Avg  | Min                        | Max  | Avg  | Min | Max | Avg | Min                      | Max  | Avg  | Total                                       | Avg          |
| 1                    | 0.05            | 0.08 | 0.06 | 2.21                       | 2.21 | 2.21 | 7.7 | 7.8 | 7.8 | 0.65                     | 0.69 | 0.66 | 176                                         | 0.6          | 0.06            | 0.06 | 0.06 | 2.02                       | 2.08 | 2.03 | 8.0 | 8.0 | 8.0 | 0.61                     | 0.75 | 0.66 | 178                                         | 0.4          |
| 2                    | 0.03            | 0.08 | 0.05 | 2.06                       | 2.21 | 2.12 | 7.8 | 7.8 | 7.8 | 0.64                     | 0.66 | 0.66 | 169                                         | 0.5          | 0.05            | 0.06 | 0.05 | 2.05                       | 2.12 | 2.08 | 7.9 | 8.0 | 8.0 | 0.62                     | 0.65 | 0.63 | 174                                         | 0.7          |
| 3                    | 0.03            | 0.07 | 0.06 | 2.06                       | 2.06 | 2.06 | 7.7 | 7.9 | 7.8 | 0.62                     | 0.65 | 0.63 | 168                                         | 0.7          | 0.06            | 0.06 | 0.06 | 2.04                       | 2.10 | 2.08 | 7.9 | 7.9 | 7.9 | 0.60                     | 0.64 | 0.61 | 173                                         | 0.5          |
| 4                    | 0.04            | 0.08 | 0.07 | 2.06                       | 2.06 | 2.06 | 7.7 | 8.0 | 7.9 | 0.60                     | 0.65 | 0.63 | 174                                         | 0.7          | 0.05            | 0.06 | 0.06 | 2.03                       | 2.08 | 2.04 | 7.8 | 7.9 | 7.8 | 0.60                     | 0.66 | 0.62 | 177                                         | 1.1          |
| 5                    | 0.03            | 0.07 | 0.05 | 2.06                       | 2.21 | 2.15 | 7.7 | 7.7 | 7.7 | 0.60                     | 0.63 | 0.62 | 186                                         | 1.0          | 0.05            | 0.06 | 0.06 | 2.01                       | 2.05 | 2.03 | 7.8 | 8.0 | 7.9 | 0.48                     | 0.66 | 0.65 | 182                                         | 1.1          |
| 6                    | 0.06            | 0.07 | 0.07 | 2.21                       | 2.21 | 2.21 | 7.7 | 7.8 | 7.7 | 0.61                     | 0.64 | 0.62 | 183                                         | 1.0          | 0.06            | 0.06 | 0.06 | 1.98                       | 2.03 | 2.01 | 7.9 | 8.0 | 8.0 | 0.55                     | 0.66 | 0.61 | 172                                         | 1.1          |
| 7                    | 0.06            | 0.08 | 0.07 | 2.21                       | 2.21 | 2.21 | 7.8 | 8.0 | 8.0 | 0.63                     | 0.66 | 0.65 | 172                                         | 1.2          | 0.05            | 0.06 | 0.06 | 1.98                       | 2.02 | 2.00 | 7.9 | 8.0 | 8.0 | 0.55                     | 0.65 | 0.59 | 170                                         | 1.3          |
| 8                    | 0.06            | 0.08 | 0.07 | 2.21                       | 2.21 | 2.21 | 7.8 | 7.9 | 7.8 | 0.63                     | 0.67 | 0.66 | 173                                         | 1.1          | 0.06            | 0.06 | 0.06 | 1.98                       | 2.06 | 2.01 | 7.9 | 8.0 | 8.0 | 0.65                     | 0.66 | 0.65 | 171                                         | 1.3          |
| 9                    | 0.06            | 0.07 | 0.07 | 2.21                       | 2.21 | 2.21 | 7.7 | 7.8 | 7.8 | 0.66                     | 0.67 | 0.66 | 173                                         | 0.8          | 0.06            | 0.06 | 0.06 | 2.01                       | 2.08 | 2.03 | 8.0 | 8.0 | 8.0 | 0.65                     | 0.68 | 0.66 | 167                                         | 1.4          |
| 10                   | 0.05            | 0.08 | 0.07 | 2.21                       | 2.21 | 2.21 | 7.8 | 7.8 | 7.8 | 0.65                     | 0.66 | 0.66 | 166                                         | 1.0          | 0.06            | 0.06 | 0.06 | 1.98                       | 2.04 | 2.02 | 8.0 | 8.0 | 8.0 | 0.61                     | 0.68 | 0.67 | 166                                         | 1.3          |
| 11                   | 0.05            | 0.08 | 0.07 | 2.21                       | 2.21 | 2.21 | 7.7 | 7.8 | 7.7 | 0.65                     | 0.66 | 0.65 | 170                                         | 1.1          | 0.05            | 0.06 | 0.06 | 2.03                       | 2.08 | 2.05 | 7.7 | 8.0 | 7.8 | 0.61                     | 0.65 | 0.63 | 169                                         | 1.2          |
| 12                   | 0.05            | 0.09 | 0.07 | 2.21                       | 2.21 | 2.21 | 7.7 | 7.8 | 7.8 | 0.65                     | 0.69 | 0.67 | 165                                         | 0.9          | 0.06            | 0.06 | 0.06 | 2.03                       | 2.08 | 2.07 | 7.7 | 7.8 | 7.8 | 0.62                     | 0.65 | 0.63 | 162                                         | 1.3          |
| 13                   | 0.06            | 0.08 | 0.06 | 2.21                       | 2.21 | 2.21 | 7.8 | 7.9 | 7.9 | 0.68                     | 0.69 | 0.69 | 166                                         | 0.7          | 0.06            | 0.06 | 0.06 | 2.03                       | 2.08 | 2.06 | 7.7 | 7.8 | 7.7 | 0.62                     | 0.65 | 0.65 | 162                                         | 1.4          |
| 14                   | 0.06            | 0.09 | 0.07 | 2.16                       | 2.21 | 2.18 | 7.8 | 7.9 | 7.8 | 0.66                     | 0.68 | 0.67 | 168                                         | 0.9          | 0.06            | 0.06 | 0.06 | 2.03                       | 2.08 | 2.04 | 7.7 | 7.8 | 7.8 | 0.59                     | 0.66 | 0.64 | 166                                         | 1.2          |
| 15                   | 0.07            | 0.07 | 0.07 | 2.16                       | 2.16 | 2.16 | 7.7 | 7.8 | 7.8 | 0.67                     | 0.68 | 0.68 | 163                                         | 0.9          | 0.05            | 0.06 | 0.06 | 2.03                       | 2.12 | 2.06 | 7.7 | 7.8 | 7.8 | 0.59                     | 0.66 | 0.63 | 158                                         | 1.4          |
| 16                   | 0.06            | 0.07 | 0.07 | 2.16                       | 2.16 | 2.16 | 7.7 | 7.8 | 7.8 | 0.65                     | 0.68 | 0.67 | 163                                         | 1.2          | 0.05            | 0.06 | 0.05 | 2.08                       | 2.12 | 2.09 | 7.8 | 7.8 | 7.8 | 0.64                     | 0.65 | 0.64 | 165                                         | 1.4          |
| 17                   | 0.06            | 0.08 | 0.07 | 2.16                       | 2.16 | 2.16 | 7.7 | 7.9 | 7.8 | 0.66                     | 0.66 | 0.66 | 161                                         | 0.8          | 0.05            | 0.06 | 0.06 | 2.08                       | 2.12 | 2.09 | 7.7 | 7.8 | 7.8 | 0.63                     | 0.64 | 0.64 | 161                                         | 1.4          |
| 18                   | 0.05            | 0.08 | 0.06 | 2.16                       | 2.16 | 2.16 | 7.8 | 8.0 | 7.9 | 0.65                     | 0.67 | 0.66 | 162                                         | 0.6          | 0.06            | 0.06 | 0.06 | 2.03                       | 2.09 | 2.07 | 7.7 | 7.7 | 7.7 | 0.63                     | 0.69 | 0.67 | 170                                         | 1.5          |
| 19                   | 0.05            | 0.07 | 0.06 | 2.16                       | 2.16 | 2.16 | 7.9 | 8.0 | 7.9 | 0.65                     | 0.67 | 0.66 | 166                                         | 0.7          | 0.06            | 0.06 | 0.06 | 2.08                       | 2.12 | 2.09 | 7.7 | 7.7 | 7.7 | 0.63                     | 0.68 | 0.65 | 168                                         | 1.7          |
| 20                   | 0.05            | 0.08 | 0.06 | 2.16                       | 2.16 | 2.16 | 7.8 | 7.9 | 7.9 | 0.66                     | 0.70 | 0.68 | 169                                         | 0.7          | 0.06            | 0.06 | 0.06 | 2.08                       | 2.13 | 2.09 | 7.7 | 7.7 | 7.7 | 0.63                     | 0.68 | 0.67 | 169                                         | 1.4          |
| 21                   | 0.06            | 0.08 | 0.07 | 2.16                       | 2.16 | 2.16 | 7.8 | 7.8 | 7.8 | 0.68                     | 0.70 | 0.69 | 167                                         | 0.9          | 0.05            | 0.06 | 0.06 | 2.08                       | 2.18 | 2.13 | 7.7 | 7.8 | 7.8 | 0.54                     | 0.69 | 0.59 | 167                                         | 1.5          |
| 22                   | 0.05            | 0.08 | 0.07 | 2.16                       | 2.16 | 2.16 | 7.7 | 7.8 | 7.8 | 0.64                     | 0.68 | 0.66 | 153                                         | 1.3          | 0.05            | 0.11 | 0.07 | 2.04                       | 2.14 | 2.09 | 7.7 | 7.8 | 7.8 | 0.61                     | 0.69 | 0.65 | 163                                         | 1.5          |
| 23                   | 0.07            | 0.18 | 0.12 | 2.03                       | 2.18 | 1.92 | 7.6 | 7.7 | 7.7 | 0.60                     | 0.64 | 0.61 | 172                                         | 1.6          | 0.11            | 0.15 | 0.14 | 2.03                       | 2.08 | 2.06 | 7.6 | 7.7 | 7.6 | 0.62                     | 0.68 | 0.65 | 178                                         | 1.8          |
| 24                   | 0.06            | 0.09 | 0.08 | 1.97                       | 2.32 | 2.10 | 7.7 | 7.7 | 7.7 | 0.63                     | 0.66 | 0.65 | 173                                         | 1.4          | 0.08            | 0.15 | 0.12 | 2.03                       | 2.08 | 2.06 | 7.5 | 7.6 | 7.6 | 0.62                     | 0.68 | 0.64 | 165                                         | 1.9          |
| 25                   | 0.03            | 0.07 | 0.05 | 1.98                       | 2.16 | 2.03 | 7.7 | 7.9 | 7.8 | 0.65                     | 0.69 | 0.67 | 166                                         | 0.7          | 0.06            | 0.08 | 0.07 | 2.03                       | 2.10 | 2.06 | 7.5 | 7.6 | 7.6 | 0.63                     | 0.68 | 0.67 | 164                                         | 1.2          |
| 26                   | 0.06            | 0.09 | 0.07 | 1.81                       | 2.21 | 2.01 | 7.6 | 7.9 | 7.8 | 0.65                     | 0.70 | 0.67 | 165                                         | 0.7          | 0.06            | 0.06 | 0.06 | 2.08                       | 2.12 | 2.09 | 7.5 | 7.7 | 7.6 | 0.63                     | 0.66 | 0.65 | 166                                         | 1.2          |
| 27                   | 0.06            | 0.09 | 0.07 | 1.65                       | 2.26 | 1.92 | 7.7 | 7.8 | 7.8 | 0.66                     | 0.67 | 0.66 | 162                                         | 1.0          | 0.05            | 0.06 | 0.05 | 2.03                       | 2.11 | 2.06 | 7.7 | 7.8 | 7.7 | 0.62                     | 0.65 | 0.63 | 165                                         | 1.2          |
| 28                   | 0.05            | 0.10 | 0.06 | 1.76                       | 2.26 | 2.08 | 7.7 | 7.8 | 7.8 | 0.66                     | 0.70 | 0.67 | 163                                         | 0.7          | 0.05            | 0.06 | 0.06 | 1.98                       | 2.04 | 2.00 | 7.8 | 7.8 | 7.8 | 0.63                     | 0.68 | 0.65 | 164                                         | 1.4          |
| 29                   | 0.06            | 0.08 | 0.06 | 2.06                       | 2.32 | 2.17 | 7.7 | 7.8 | 7.8 | 0.67                     | 0.69 | 0.68 | 161                                         | 0.6          | 0.05            | 0.09 | 0.06 | 1.98                       | 2.03 | 2.00 | 7.4 | 7.8 | 7.6 | 0.61                     | 0.68 | 0.65 | 165                                         | 1.6          |
| 30                   | 0.06            | 0.10 | 0.07 | 2.06                       | 2.26 | 2.15 | 7.7 | 7.9 | 7.8 | 0.65                     | 0.68 | 0.66 | 166                                         | 0.7          | 0.09            | 0.10 | 0.10 | 2.01                       | 2.07 | 2.03 | 7.4 | 7.6 | 7.5 | 0.57                     | 0.66 | 0.60 | 173                                         | 1.4          |
| Monthly Min/Max/ Avg | 0.03            | 0.18 | 0.07 | 1.65                       | 2.32 | 2.14 | 7.6 | 8.0 | 7.8 | 0.60                     | 0.70 | 0.66 | 168                                         | 0.9          | 0.05            | 0.15 | 0.06 | 1.98                       | 2.18 | 2.05 | 7.4 | 8.0 | 7.8 | 0.48                     | 0.75 | 0.64 | 168                                         | 1.3          |

NOTES: ' -- ' indicates plant offline

## 1.2.5 Rosedale Filters 1 - 9 Particle Counts (no./mL >2um)

June 2026

| Filter              | 1   |     |     | 2   |     |     | 3   |     |     | 4   |     |     | 5   |     |     | 6   |     |     | 7   |     |     | 8   |     |     | 9   |     |     |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Day                 | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg |
| 1                   | 1   | 12  | 2   | 2   | 9   | 5   | 1   | 6   | 2   | 1   | 4   | 2   | 1   | 3   | 2   | 1   | 4   | 2   | 2   | 12  | 4   | 1   | 2   | 1   | 1   | 9   | 1   |
| 2                   | 2   | 7   | 4   | 1   | 4   | 2   | 1   | 3   | 2   | 1   | 3   | 2   | 2   | 13  | 5   | 1   | 4   | 2   | 2   | 6   | 3   | --  | --  | --  | 1   | 2   | 1   |
| 3                   | 2   | 7   | 4   | 1   | 5   | 2   | 1   | 3   | 2   | 6   | 10  | 8   | 2   | 9   | 5   | 1   | 2   | 2   | 1   | 6   | 3   | 2   | 7   | 5   | --  | --  | --  |
| 4                   | 3   | 7   | 5   | 1   | 5   | 3   | 6   | 10  | 8   | 2   | 8   | 5   | 3   | 9   | 5   | 7   | 14  | 10  | 3   | 17  | 7   | 2   | 7   | 4   | 3   | 18  | 5   |
| 5                   | 2   | 4   | 3   | 1   | 13  | 2   | 1   | 18  | 3   | 1   | 4   | 2   | 1   | 23  | 4   | 4   | 7   | 5   | 1   | 7   | 3   | 1   | 4   | 2   | 1   | 4   | 2   |
| 6                   | 1   | 21  | 3   | 1   | 2   | 1   | 1   | 2   | 1   | 1   | 2   | 1   | 1   | 3   | 2   | 1   | 5   | 1   | 1   | 2   | 1   | --  | --  | --  | 1   | 2   | 1   |
| 7                   | 1   | 2   | 1   | 1   | 2   | 1   | 1   | 1   | 1   | 1   | 16  | 3   | 1   | 2   | 1   | 1   | 2   | 1   | 1   | 2   | 1   | 1   | 16  | 2   | --  | --  | --  |
| 8                   | 1   | 2   | 1   | 1   | 1   | 1   | 1   | 11  | 1   | 1   | 9   | 1   | 1   | 2   | 1   | 1   | 1   | 1   | 1   | 13  | 3   | 1   | 2   | 1   | 1   | 18  | 1   |
| 9                   | 1   | 2   | 1   | 1   | 6   | 1   | 1   | 2   | 1   | 1   | 2   | 1   | 1   | 23  | 2   | --  | --  | --  | 1   | 23  | 3   | 1   | 2   | 1   | 1   | 2   | 1   |
| 10                  | 1   | 9   | 3   | 1   | 3   | 1   | 1   | 2   | 1   | 1   | 6   | 1   | 1   | 2   | 1   | 1   | 14  | 2   | 1   | 4   | 2   | 1   | 10  | 2   | 1   | 1   | 1   |
| 11                  | 1   | 3   | 1   | 1   | 2   | 1   | 1   | 2   | 1   | 1   | 10  | 1   | 1   | 2   | 1   | 1   | 2   | 1   | 1   | 2   | 1   | 1   | 2   | 1   | 1   | 10  | 2   |
| 12                  | 1   | 2   | 1   | --  | --  | --  | 1   | 2   | 1   | 1   | 2   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 14  | 2   | 1   | 2   | 1   | 1   | 1   | 1   |
| 13                  | 1   | 1   | 1   | 1   | 7   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 13  | 3   | --  | --  | --  | 1   | 2   | 1   | 1   | 1   | 1   | 1   | 2   | 1   |
| 14                  | 1   | 6   | 2   | 1   | 2   | 1   | 1   | 1   | 1   | 1   | 6   | 2   | 1   | 3   | 1   | 1   | 13  | 2   | 1   | 1   | 1   | --  | --  | --  | 1   | 1   | 1   |
| 15                  | 1   | 2   | 1   | 1   | 1   | 1   | --  | --  | --  | 1   | 2   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 9   | 1   | 1   | 5   | 1   |
| 16                  | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 12  | 1   | 1   | 1   | 1   | --  | --  | --  | 1   | 1   | 1   | 1   | 14  | 2   | 1   | 1   | 1   | 1   | 1   | 1   |
| 17                  | 1   | 1   | 1   | 1   | 10  | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 15  | 1   | --  | --  | --  | 1   | 2   | 1   | 1   | 1   | 1   | 1   | 3   | 1   |
| 18                  | 1   | 7   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | --  | --  | --  | 1   | 2   | 1   | 1   | 11  | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 6   | 1   |
| 19                  | 1   | 2   | 1   | 1   | 3   | 1   | 1   | 1   | 1   | 1   | 4   | 1   | 1   | 1   | 1   | 1   | 2   | 1   | 1   | 1   | 1   | 1   | 9   | 3   | --  | --  | --  |
| 20                  | 1   | 2   | 1   | 1   | 1   | 1   | 1   | 5   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 10  | 3   | 1   | 3   | 1   | 1   | 4   | 1   |
| 21                  | 1   | 1   | 1   | 1   | 3   | 1   | 1   | 2   | 1   | 1   | 2   | 1   | --  | --  | --  | --  | --  | --  | 1   | 3   | 1   | 1   | 2   | 1   | 1   | 2   | 1   |
| 22                  | 12  | 22  | 17  | 1   | 13  | 3   | 1   | 5   | 2   | --  | --  | --  | 2   | 28  | 10  | 3   | 26  | 10  | 1   | 16  | 4   | 1   | 2   | 1   | 1   | 2   | 1   |
| 23                  | 3   | 23  | 10  | 2   | 11  | 6   | 2   | 8   | 4   | 8   | 14  | 10  | 4   | 29  | 17  | 4   | 28  | 15  | 13  | 18  | 15  | 4   | 21  | 9   | 3   | 17  | 8   |
| 24                  | 1   | 5   | 2   | 1   | 3   | 2   | 1   | 4   | 2   | 1   | 20  | 3   | 1   | 7   | 2   | 1   | 6   | 2   | 1   | 26  | 3   | 1   | 6   | 2   | 1   | 5   | 2   |
| 25                  | 1   | 7   | 1   | 1   | 18  | 1   | 1   | 1   | 1   | 1   | 2   | 1   | 1   | 30  | 3   | 1   | 2   | 1   | 1   | 3   | 1   | 1   | 2   | 1   | 1   | 2   | 1   |
| 26                  | 1   | 11  | 1   | 1   | 27  | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 12  | 1   | 1   | 24  | 2   | 1   | 2   | 1   | 1   | 21  | 1   | 1   | 1   | 1   |
| 27                  | 1   | 2   | 1   | 1   | 1   | 1   | 1   | 10  | 1   | 1   | 1   | 1   | 1   | 2   | 1   | 1   | 13  | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 17  | 1   |
| 28                  | 1   | 1   | 1   | --  | --  | --  | 1   | 1   | 1   | 1   | 5   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | --  | --  | --  | 1   | 1   | 1   | 1   | 1   | 1   |
| 29                  | 1   | 2   | 1   | 1   | 4   | 1   | 1   | 1   | 1   | 1   | 2   | 1   | 1   | 20  | 4   | 1   | 24  | 4   | 1   | 13  | 3   | 1   | 1   | 1   | 1   | 1   | 1   |
| 30                  | 2   | 22  | 6   | 1   | 4   | 2   | 1   | 1   | 1   | 1   | 4   | 2   | 1   | 5   | 3   | 1   | 5   | 3   | 1   | 4   | 2   | 2   | 17  | 5   | --  | --  | --  |
| Monthly Min/Max/Avg | 1   | 23  | 3   | 1   | 27  | 2   | 1   | 18  | 2   | 1   | 20  | 2   | 1   | 30  | 3   | 1   | 28  | 3   | 1   | 26  | 3   | 1   | 21  | 2   | 1   | 18  | 2   |

NOTE: ' -- ' indicates filter offline

### 1.2.6 E.L. Smith Filters 1 - 9 Particle Counts (no./mL >2um)

June 2026

| Filter              | 1   |     |     | 2   |     |     | 3   |     |     | 4   |     |     | 5   |     |     | 6   |     |     | 7   |     |     | 8   |     |     | 9   |     |     |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Day                 | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg |
| 1                   | 1   | 8   | 2   | 1   | 8   | 2   | 1   | 3   | 1   | 1   | 1   | 1   | 1   | 8   | 1   | --  | --  | --  | 6   | 11  | 8   | 1   | 16  | 3   | 1   | 3   | 1   |
| 2                   | 1   | 2   | 1   | 1   | 6   | 1   | 1   | 9   | 1   | 1   | 7   | 2   | 1   | 6   | 1   | --  | --  | --  | 8   | 27  | 12  | 1   | 2   | 1   | 1   | 13  | 3   |
| 3                   | 1   | 11  | 4   | 1   | 16  | 4   | 1   | 4   | 2   | 1   | 2   | 1   | 1   | 15  | 2   | --  | --  | --  | 6   | 30  | 13  | 1   | 27  | 4   | 1   | 27  | 2   |
| 4                   | 1   | 2   | 1   | 1   | 32  | 1   | 1   | 15  | 3   | 1   | 15  | 3   | 1   | 8   | 3   | --  | --  | --  | 7   | 16  | 10  | 1   | 2   | 1   | 1   | 7   | 2   |
| 5                   | 1   | 14  | 2   | 1   | 25  | 1   | 1   | 14  | 2   | 1   | 2   | 1   | 1   | 7   | 2   | --  | --  | --  | 1   | 26  | 10  | 1   | 20  | 2   | 1   | 1   | 1   |
| 6                   | 1   | 7   | 1   | 1   | 19  | 1   | 1   | 21  | 1   | 1   | 12  | 1   | 1   | 6   | 1   | --  | --  | --  | 6   | 11  | 8   | 1   | 20  | 4   | 1   | 12  | 2   |
| 7                   | 1   | 17  | 4   | 1   | 7   | 1   | 1   | 31  | 2   | 1   | 1   | 1   | 1   | 3   | 1   | --  | --  | --  | 6   | 27  | 10  | 1   | 13  | 1   | 1   | 2   | 1   |
| 8                   | 1   | 2   | 1   | 1   | 11  | 1   | 1   | 7   | 1   | 1   | 9   | 1   | 1   | 8   | 1   | --  | --  | --  | 5   | 11  | 7   | 1   | 21  | 1   | 1   | 15  | 1   |
| 9                   | 1   | 12  | 1   | 1   | 26  | 1   | 1   | 18  | 2   | 1   | 2   | 1   | 1   | 12  | 1   | --  | --  | --  | 1   | 25  | 10  | 1   | 3   | 1   | 1   | 27  | 1   |
| 10                  | 1   | 3   | 1   | 1   | 11  | 1   | 1   | 12  | 2   | 1   | 13  | 1   | 1   | 7   | 1   | --  | --  | --  | 5   | 30  | 8   | 1   | 30  | 2   | 1   | 1   | 1   |
| 11                  | 1   | 9   | 1   | 1   | 9   | 2   | 1   | 14  | 1   | 1   | 1   | 1   | 1   | 9   | 1   | --  | --  | --  | 5   | 10  | 8   | 1   | 1   | 1   | 1   | 17  | 2   |
| 12                  | 1   | 14  | 1   | 1   | 5   | 1   | 1   | 12  | 3   | 1   | 6   | 1   | 1   | 2   | 1   | --  | --  | --  | 5   | 31  | 9   | 1   | 24  | 4   | 1   | 1   | 1   |
| 13                  | 1   | 4   | 1   | 1   | 15  | 1   | 1   | 39  | 1   | 1   | 1   | 1   | 1   | 10  | 2   | --  | --  | --  | 5   | 12  | 8   | 1   | 22  | 1   | 1   | 28  | 2   |
| 14                  | 1   | 23  | 1   | 1   | 44  | 1   | 1   | 19  | 2   | 1   | 7   | 1   | 1   | 6   | 1   | --  | --  | --  | 5   | 27  | 9   | 1   | 20  | 1   | 1   | 11  | 1   |
| 15                  | 1   | 3   | 1   | 1   | 3   | 1   | 1   | 23  | 1   | 1   | 1   | 1   | 1   | 9   | 1   | --  | --  | --  | 4   | 9   | 6   | 1   | 15  | 1   | 1   | 2   | 1   |
| 16                  | 1   | 10  | 1   | 1   | 35  | 1   | 1   | 23  | 1   | 1   | 5   | 1   | 1   | 4   | 1   | --  | --  | --  | 4   | 27  | 7   | 1   | 1   | 1   | 1   | 16  | 1   |
| 17                  | 1   | 2   | 1   | 1   | 19  | 1   | 1   | 17  | 1   | 1   | 8   | 1   | 1   | 8   | 1   | --  | --  | --  | 4   | 29  | 7   | 1   | 15  | 1   | 1   | 1   | 1   |
| 18                  | 1   | 11  | 2   | 1   | 11  | 2   | 1   | 15  | 1   | 1   | 1   | 1   | 1   | 9   | 1   | --  | --  | --  | 5   | 27  | 9   | 1   | 2   | 1   | 1   | 17  | 2   |
| 19                  | 1   | 8   | 1   | 1   | 3   | 1   | 1   | 9   | 1   | 1   | 7   | 1   | 1   | 2   | 1   | --  | --  | --  | 4   | 10  | 7   | 1   | 18  | 2   | 1   | 15  | 2   |
| 20                  | 1   | 3   | 1   | 1   | 10  | 2   | 1   | 13  | 1   | 1   | 1   | 1   | 1   | 9   | 2   | --  | --  | --  | 6   | 32  | 9   | 1   | 16  | 1   | 1   | 3   | 1   |
| 21                  | 1   | 7   | 1   | 1   | 5   | 1   | 1   | 13  | 1   | 1   | 6   | 1   | 1   | 2   | 1   | --  | --  | --  | 6   | 27  | 9   | 1   | 4   | 1   | 1   | 19  | 1   |
| 22                  | 1   | 5   | 2   | 2   | 10  | 5   | 1   | 25  | 2   | 1   | 1   | 1   | 4   | 16  | 8   | --  | --  | --  | 8   | 18  | 12  | 1   | 33  | 6   | 1   | 19  | 2   |
| 23                  | 1   | 4   | 2   | 1   | 6   | 3   | 1   | 42  | 7   | 1   | 13  | 5   | 1   | 8   | 4   | --  | --  | --  | 9   | 14  | 11  | 1   | 7   | 3   | 1   | 10  | 4   |
| 24                  | 1   | 10  | 3   | 1   | 28  | 3   | 1   | 43  | 4   | 1   | 3   | 1   | 1   | 14  | 4   | --  | --  | --  | 3   | 39  | 11  | 1   | 1   | 1   | 1   | 28  | 3   |
| 25                  | 1   | 2   | 1   | 1   | 5   | 1   | 1   | 32  | 4   | 1   | 5   | 1   | 1   | 14  | 1   | --  | --  | --  | 4   | 12  | 6   | 1   | 13  | 2   | 1   | 2   | 1   |
| 26                  | 1   | 28  | 1   | 1   | 8   | 1   | 1   | 19  | 2   | 1   | 7   | 1   | 1   | 6   | 1   | --  | --  | --  | 2   | 28  | 6   | 1   | 15  | 1   | 1   | 18  | 1   |
| 27                  | 1   | 1   | 1   | 1   | 11  | 1   | 1   | 41  | 3   | 1   | 8   | 1   | 1   | 5   | 1   | --  | --  | --  | 3   | 27  | 5   | 1   | 1   | 1   | 1   | 1   | 1   |
| 28                  | 1   | 11  | 1   | 1   | 11  | 1   | 1   | 12  | 1   | 1   | 1   | 1   | 1   | 7   | 1   | --  | --  | --  | 4   | 10  | 6   | 1   | 16  | 2   | 1   | 10  | 2   |
| 29                  | 1   | 1   | 1   | 1   | 8   | 5   | 1   | 15  | 1   | 1   | 1   | 1   | 1   | 6   | 1   | --  | --  | --  | 4   | 31  | 10  | 1   | 35  | 1   | 1   | 1   | 1   |
| 30                  | 4   | 12  | 7   | 1   | 5   | 3   | 1   | 43  | 6   | 1   | 12  | 3   | 1   | 1   | 1   | --  | --  | --  | 6   | 13  | 8   | 1   | 11  | 3   | 2   | 14  | 4   |
| Monthly Min/Max/Avg | 1   | 28  | 2   | 1   | 44  | 2   | 1   | 43  | 2   | 1   | 15  | 1   | 1   | 16  | 2   | --  | --  | --  | 1   | 39  | 9   | 1   | 35  | 2   | 1   | 28  | 2   |

NOTES: ' -- ' indicates filter offline

# 1.2.7 E.L. Smith Filters 10 - 18 Particle Counts (no./mL >2um)

June 2026

| Filter              | 10  |     |     | 11  |     |     | 12  |     |     | 13  |     |     | 14  |     |     | 15  |     |     | 16  |     |     | 17  |     |     | 18  |     |     |
|---------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Day                 | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg | Min | Max | Avg |
| 1                   | 1   | 16  | 2   | 1   | 6   | 2   | 1   | 22  | 3   | 1   | 8   | 3   | 1   | 3   | 1   | 1   | 10  | 2   | 1   | 12  | 3   | 1   | 12  | 3   | 1   | 8   | 2   |
| 2                   | 1   | 3   | 1   | 2   | 27  | 4   | 1   | 2   | 1   | 1   | 12  | 1   | 1   | 23  | 2   | 1   | 8   | 2   | 1   | 2   | 1   | 1   | 2   | 1   | 1   | 8   | 1   |
| 3                   | 1   | 24  | 3   | 1   | 4   | 2   | 1   | 28  | 4   | 1   | 7   | 3   | 1   | 20  | 4   | 1   | 3   | 2   | 1   | 13  | 3   | 1   | 18  | 3   | 1   | 5   | 2   |
| 4                   | 1   | 3   | 1   | 1   | 28  | 2   | 1   | 3   | 1   | 1   | 18  | 2   | 1   | 5   | 2   | 1   | 10  | 2   | 1   | 2   | 1   | 1   | 10  | 1   | 1   | 11  | 2   |
| 5                   | 1   | 24  | 1   | 1   | 1   | 1   | 1   | 25  | 4   | 1   | 2   | 1   | 1   | 18  | 1   | 1   | 2   | 1   | 1   | 20  | 1   | 1   | 19  | 1   | 1   | 2   | 1   |
| 6                   | 1   | 45  | 8   | 1   | 24  | 1   | 1   | 25  | 4   | 1   | 22  | 3   | 1   | 3   | 1   | 1   | 15  | 1   | 1   | 45  | 7   | 1   | 37  | 5   | 1   | 10  | 1   |
| 7                   | 1   | 1   | 1   | 1   | 24  | 2   | 1   | 28  | 1   | 1   | 1   | 1   | 1   | 17  | 1   | 1   | 4   | 1   | 1   | 6   | 1   | 1   | 11  | 2   | 1   | 1   | 1   |
| 8                   | 1   | 26  | 1   | 1   | 2   | 1   | 1   | 4   | 1   | 1   | 9   | 1   | 1   | 6   | 1   | 1   | 16  | 2   | 1   | 7   | 1   | 1   | 2   | 1   | 1   | 11  | 1   |
| 9                   | 1   | 2   | 1   | 1   | 22  | 2   | 1   | 26  | 2   | 1   | 11  | 1   | 1   | 13  | 2   | 1   | 2   | 1   | 1   | 2   | 1   | 1   | 8   | 1   | 1   | 10  | 1   |
| 10                  | 1   | 23  | 2   | 1   | 22  | 1   | 1   | 29  | 2   | 1   | 3   | 1   | 1   | 2   | 1   | 1   | 6   | 2   | 1   | 13  | 1   | 1   | 10  | 1   | 1   | 4   | 1   |
| 11                  | 1   | 18  | 1   | 1   | 8   | 1   | 1   | 1   | 1   | 1   | 11  | 1   | 1   | 14  | 2   | 1   | 11  | 1   | 1   | 1   | 1   | 1   | 2   | 1   | 1   | 11  | 1   |
| 12                  | 1   | 6   | 1   | 1   | 26  | 2   | 1   | 24  | 2   | 1   | 2   | 1   | 1   | 20  | 1   | 1   | 5   | 1   | 1   | 12  | 1   | 1   | 41  | 2   | 1   | 1   | 1   |
| 13                  | 1   | 14  | 4   | 1   | 2   | 1   | 1   | 26  | 3   | 1   | 16  | 2   | 1   | 5   | 1   | 1   | 17  | 1   | 1   | 13  | 1   | 1   | 1   | 1   | 1   | 12  | 1   |
| 14                  | 1   | 2   | 1   | 1   | 23  | 1   | 1   | 1   | 1   | 1   | 2   | 1   | 1   | 15  | 1   | 1   | 3   | 1   | 1   | 2   | 1   | 1   | 7   | 1   | 1   | 2   | 1   |
| 15                  | 1   | 14  | 1   | 1   | 26  | 1   | 1   | 26  | 2   | 1   | 14  | 1   | 1   | 2   | 1   | 1   | 11  | 1   | 1   | 9   | 1   | 1   | 11  | 1   | 1   | 10  | 1   |
| 16                  | 1   | 8   | 1   | 1   | 1   | 1   | 1   | 25  | 3   | 1   | 8   | 1   | 1   | 11  | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 2   | 1   | 1   | 7   | 1   |
| 17                  | 1   | 38  | 8   | 1   | 23  | 1   | 1   | 1   | 1   | 1   | 2   | 1   | 1   | 12  | 1   | 1   | 27  | 1   | 1   | 10  | 2   | 1   | 9   | 1   | 1   | 1   | 1   |
| 18                  | 1   | 18  | 1   | 1   | 31  | 3   | 1   | 26  | 2   | 1   | 2   | 2   | 1   | 4   | 1   | 1   | 6   | 1   | 1   | 10  | 1   | 1   | 10  | 1   | 1   | 8   | 2   |
| 19                  | 1   | 2   | 1   | 1   | 1   | 1   | 1   | 26  | 2   | 1   | 3   | 1   | 1   | 11  | 3   | 1   | 2   | 1   | 1   | 4   | 1   | 1   | 4   | 1   | 1   | 8   | 1   |
| 20                  | 1   | 22  | 2   | 1   | 26  | 2   | 1   | 3   | 1   | 1   | 8   | 2   | 1   | 11  | 1   | 1   | 8   | 2   | 1   | 11  | 1   | 1   | 9   | 2   | 1   | 4   | 1   |
| 21                  | 1   | 2   | 1   | 1   | 23  | 1   | 1   | 25  | 1   | 1   | 5   | 1   | 1   | 9   | 1   | 1   | 2   | 1   | 1   | 2   | 1   | 1   | 7   | 1   | 1   | 5   | 1   |
| 22                  | 1   | 1   | 1   | 1   | 4   | 2   | 1   | 1   | 1   | 1   | 6   | 3   | 1   | 1   | 1   | 2   | 9   | 5   | 1   | 11  | 5   | 2   | 14  | 6   | 1   | 9   | 1   |
| 23                  | 1   | 13  | 6   | --  | --  | --  | 3   | 27  | 9   | 1   | 3   | 2   | 5   | 11  | 7   | 1   | 5   | 3   | 1   | 7   | 3   | 1   | 6   | 3   | 2   | 15  | 4   |
| 24                  | 1   | 3   | 1   | 1   | 14  | 3   | 1   | 4   | 1   | 1   | 10  | 3   | 1   | 44  | 3   | 1   | 6   | 3   | 1   | 6   | 1   | 2   | 8   | 4   | 1   | 4   | 2   |
| 25                  | 1   | 12  | 3   | 1   | 30  | 2   | 1   | 16  | 3   | 1   | 8   | 1   | 1   | 22  | 2   | 1   | 7   | 1   | 1   | 9   | 2   | 1   | 4   | 1   | 1   | 12  | 1   |
| 26                  | 1   | 20  | 1   | 1   | 3   | 1   | 1   | 28  | 1   | 1   | 8   | 1   | 1   | 3   | 1   | 1   | 12  | 1   | 1   | 6   | 1   | 1   | 5   | 1   | 1   | 2   | 1   |
| 27                  | 1   | 1   | 1   | 1   | 29  | 2   | 1   | 1   | 1   | 1   | 6   | 1   | 1   | 12  | 1   | 1   | 1   | 1   | 1   | 9   | 1   | 1   | 1   | 1   | 1   | 6   | 1   |
| 28                  | 1   | 1   | 1   | 1   | 2   | 1   | 1   | 28  | 2   | 1   | 2   | 1   | 1   | 2   | 1   | 1   | 6   | 1   | 1   | 8   | 1   | 1   | 10  | 2   | 1   | 2   | 1   |
| 29                  | 1   | 12  | 2   | 2   | 31  | 7   | 1   | 1   | 1   | 1   | 22  | 2   | 1   | 8   | 2   | 1   | 1   | 1   | 1   | 2   | 1   | 1   | 1   | 1   | 1   | 18  | 3   |
| 30                  | 1   | 2   | 1   | 1   | 6   | 3   | 3   | 45  | 7   | 1   | 11  | 2   | 1   | 3   | 1   | 1   | 7   | 3   | 2   | 11  | 5   | --  | --  | --  | 1   | 6   | 1   |
| Monthly Min/Max/Avg | 1   | 45  | 2   | 1   | 31  | 2   | 1   | 45  | 2   | 1   | 22  | 2   | 1   | 44  | 2   | 1   | 27  | 2   | 1   | 45  | 2   | 1   | 41  | 2   | 1   | 18  | 1   |

NOTES: '--' indicates filter offline

## 1.2.8 Rosedale Filters 1 - 9 Turbidity (NTU)

June 2026

| Filter              | 1    |      |      | 2    |      |      | 3    |      |      | 4    |      |      | 5    |      |      | 6    |      |      | 7    |      |      | 8    |      |      | 9    |      |      |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Day                 | Min  | Max  | Avg  | Min  | Max  | Avg  | Min  | Max  | Avg  | Min  | Max  | Avg  | Min  | Max  | Avg  | Min  | Max  | Avg  | Min  | Max  | Avg  | Min  | Max  | Avg  | Min  | Max  | Avg  |
| 1                   | 0.01 | 0.03 | 0.01 | 0.03 | 0.05 | 0.03 | 0.01 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.04 | 0.02 | 0.01 | 0.02 | 0.01 | 0.02 | 0.04 | 0.03 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 |
| 2                   | 0.02 | 0.04 | 0.02 | 0.02 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.04 | 0.03 | 0.01 | 0.01 | 0.01 | 0.02 | 0.05 | 0.02 | --   | --   | --   | 0.01 | 0.02 | 0.02 |
| 3                   | 0.02 | 0.04 | 0.02 | 0.02 | 0.04 | 0.02 | 0.01 | 0.02 | 0.01 | 0.02 | 0.05 | 0.03 | 0.02 | 0.04 | 0.02 | 0.01 | 0.03 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.06 | 0.03 | --   | --   | --   |
| 4                   | 0.02 | 0.03 | 0.02 | 0.02 | 0.05 | 0.02 | 0.04 | 0.05 | 0.04 | 0.01 | 0.02 | 0.01 | 0.02 | 0.04 | 0.02 | 0.03 | 0.06 | 0.04 | 0.02 | 0.05 | 0.04 | 0.02 | 0.02 | 0.02 | 0.02 | 0.05 | 0.03 |
| 5                   | 0.02 | 0.03 | 0.02 | 0.02 | 0.04 | 0.03 | 0.01 | 0.05 | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.07 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.02 |
| 6                   | 0.03 | 0.05 | 0.04 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | --   | --   | --   | 0.02 | 0.02 | 0.02 |
| 7                   | 0.02 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.03 | 0.04 | 0.03 | 0.02 | 0.03 | 0.02 | 0.01 | 0.03 | 0.02 | 0.02 | 0.04 | 0.02 | 0.02 | 0.04 | 0.03 | --   | --   | --   |
| 8                   | 0.02 | 0.02 | 0.02 | 0.02 | 0.05 | 0.02 | 0.01 | 0.04 | 0.02 | 0.01 | 0.03 | 0.02 | 0.02 | 0.03 | 0.02 | 0.01 | 0.03 | 0.02 | 0.02 | 0.04 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.05 | 0.02 |
| 9                   | 0.02 | 0.03 | 0.02 | 0.02 | 0.04 | 0.03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.05 | 0.03 | --   | --   | --   | 0.02 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 10                  | 0.02 | 0.05 | 0.03 | 0.02 | 0.03 | 0.02 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.02 | 0.03 | 0.02 | 0.02 | 0.05 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.05 | 0.03 | 0.01 | 0.02 | 0.02 |
| 11                  | 0.02 | 0.02 | 0.02 | 0.02 | 0.04 | 0.02 | 0.01 | 0.04 | 0.02 | 0.01 | 0.05 | 0.02 | 0.02 | 0.03 | 0.02 | 0.01 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.02 | 0.02 | 0.04 | 0.03 |
| 12                  | 0.02 | 0.02 | 0.02 | --   | --   | --   | 0.01 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.03 | 0.02 | 0.01 | 0.03 | 0.01 | 0.02 | 0.04 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 13                  | 0.02 | 0.03 | 0.02 | 0.02 | 0.04 | 0.03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.04 | 0.03 | --   | --   | --   | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 14                  | 0.02 | 0.04 | 0.03 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.03 | 0.02 | 0.02 | 0.03 | 0.02 | 0.01 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | --   | --   | --   | 0.01 | 0.02 | 0.02 |
| 15                  | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | --   | --   | --   | 0.01 | 0.01 | 0.01 | 0.02 | 0.04 | 0.02 | 0.01 | 0.05 | 0.01 | 0.02 | 0.04 | 0.02 | 0.02 | 0.05 | 0.02 | 0.01 | 0.03 | 0.02 |
| 16                  | 0.02 | 0.02 | 0.02 | 0.02 | 0.04 | 0.02 | 0.01 | 0.03 | 0.01 | 0.01 | 0.02 | 0.01 | --   | --   | --   | 0.01 | 0.04 | 0.01 | 0.02 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 |
| 17                  | 0.02 | 0.03 | 0.02 | 0.02 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.02 | 0.03 | 0.02 | --   | --   | --   | 0.01 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 |
| 18                  | 0.02 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | --   | --   | --   | 0.02 | 0.03 | 0.02 | 0.01 | 0.04 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 |
| 19                  | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.02 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | --   | --   | --   |
| 20                  | 0.02 | 0.02 | 0.02 | 0.02 | 0.04 | 0.02 | 0.02 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.04 | 0.02 | 0.01 | 0.04 | 0.01 | 0.02 | 0.03 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.02 |
| 21                  | 0.02 | 0.03 | 0.02 | 0.02 | 0.03 | 0.02 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | --   | --   | --   | --   | --   | --   | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 |
| 22                  | 0.04 | 0.08 | 0.06 | 0.02 | 0.04 | 0.03 | 0.01 | 0.02 | 0.01 | --   | --   | --   | 0.03 | 0.05 | 0.04 | 0.03 | 0.06 | 0.04 | 0.02 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| 23                  | 0.03 | 0.08 | 0.05 | 0.02 | 0.04 | 0.03 | 0.04 | 0.07 | 0.06 | 0.03 | 0.09 | 0.05 | 0.02 | 0.05 | 0.04 | 0.02 | 0.07 | 0.04 | 0.03 | 0.05 | 0.03 | 0.03 | 0.10 | 0.06 | 0.03 | 0.09 | 0.05 |
| 24                  | 0.02 | 0.07 | 0.02 | 0.02 | 0.04 | 0.02 | 0.01 | 0.05 | 0.02 | 0.01 | 0.06 | 0.02 | 0.02 | 0.03 | 0.02 | 0.01 | 0.02 | 0.02 | 0.02 | 0.05 | 0.03 | 0.02 | 0.03 | 0.02 | 0.01 | 0.04 | 0.02 |
| 25                  | 0.02 | 0.03 | 0.02 | 0.04 | 0.06 | 0.04 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.04 | 0.02 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.01 |
| 26                  | 0.02 | 0.06 | 0.03 | 0.03 | 0.04 | 0.03 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.03 | 0.02 | 0.01 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.04 | 0.02 | 0.01 | 0.02 | 0.01 |
| 27                  | 0.02 | 0.05 | 0.02 | 0.03 | 0.05 | 0.03 | 0.01 | 0.05 | 0.02 | 0.01 | 0.02 | 0.01 | 0.02 | 0.04 | 0.02 | 0.01 | 0.02 | 0.01 | 0.01 | 0.03 | 0.01 | 0.02 | 0.02 | 0.02 | 0.01 | 0.04 | 0.02 |
| 28                  | 0.02 | 0.03 | 0.02 | --   | --   | --   | 0.01 | 0.01 | 0.01 | 0.01 | 0.04 | 0.02 | 0.02 | 0.04 | 0.02 | 0.01 | 0.04 | 0.01 | --   | --   | --   | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 |
| 29                  | 0.02 | 0.03 | 0.02 | 0.03 | 0.06 | 0.04 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.05 | 0.03 | 0.02 | 0.04 | 0.03 | 0.01 | 0.03 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.02 |
| 30                  | 0.04 | 0.08 | 0.06 | 0.03 | 0.05 | 0.04 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.04 | 0.03 | 0.02 | 0.03 | 0.03 | 0.01 | 0.03 | 0.02 | 0.03 | 0.06 | 0.06 | --   | --   | --   |
| Monthly Min/Max/Avg | 0.01 | 0.08 | 0.02 | 0.02 | 0.06 | 0.03 | 0.01 | 0.07 | 0.02 | 0.01 | 0.09 | 0.02 | 0.02 | 0.07 | 0.02 | 0.01 | 0.07 | 0.02 | 0.01 | 0.05 | 0.02 | 0.01 | 0.10 | 0.02 | 0.01 | 0.09 | 0.02 |

NOTES: ' -- ' indicates filter offline

## 1.2.9 E.L. Smith Filters 1 - 9 Turbidity (NTU)

June 2026

| Filter              | 1    |      |      | 2    |      |      | 3    |      |      | 4    |      |      | 5    |      |      | 6   |     |     | 7    |      |      | 8    |      |      | 9    |      |      |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|------|------|------|------|------|------|------|------|------|
| Day                 | Min  | Max  | Avg  | Min  | Max  | Avg  | Min  | Max  | Avg  | Min  | Max  | Avg  | Min  | Max  | Avg  | Min | Max | Avg | Min  | Max  | Avg  | Min  | Max  | Avg  | Min  | Max  | Avg  |
| 1                   | 0.01 | 0.03 | 0.01 | 0.02 | 0.04 | 0.02 | 0.01 | 0.00 | 0.01 | 0.02 | 0.04 | 0.02 | 0.01 | 0.02 | 0.00 | --  | --  | --  | 0.01 | 0.02 | 0.01 | 0.01 | 0.03 | 0.02 | 0.01 | 0.02 | 0.01 |
| 2                   | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 | 0.03 | 0.00 | 0.02 | 0.04 | 0.02 | 0.01 | 0.01 | 0.00 | --  | --  | --  | 0.01 | 0.02 | 0.00 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.00 |
| 3                   | 0.01 | 0.03 | 0.01 | 0.01 | 0.05 | 0.02 | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 | 0.02 | 0.01 | 0.04 | 0.00 | --  | --  | --  | 0.01 | 0.03 | 0.00 | 0.01 | 0.04 | 0.02 | 0.01 | 0.03 | 0.00 |
| 4                   | 0.01 | 0.02 | 0.01 | 0.02 | 0.03 | 0.02 | 0.00 | 0.04 | 0.01 | 0.02 | 0.06 | 0.03 | 0.00 | 0.01 | 0.01 | --  | --  | --  | 0.01 | 0.02 | 0.01 | 0.01 | 0.04 | 0.02 | 0.01 | 0.01 | 0.00 |
| 5                   | 0.01 | 0.05 | 0.01 | 0.01 | 0.04 | 0.02 | 0.01 | 0.00 | 0.00 | 0.02 | 0.04 | 0.02 | 0.01 | 0.01 | 0.00 | --  | --  | --  | 0.01 | 0.03 | 0.00 | 0.01 | 0.07 | 0.02 | 0.01 | 0.01 | 0.01 |
| 6                   | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 | 0.00 | 0.00 | 0.02 | 0.05 | 0.02 | 0.01 | 0.03 | 0.00 | --  | --  | --  | 0.01 | 0.01 | 0.01 | 0.02 | 0.04 | 0.02 | 0.01 | 0.02 | 0.00 |
| 7                   | 0.01 | 0.05 | 0.02 | 0.01 | 0.02 | 0.02 | 0.00 | 0.04 | 0.00 | 0.02 | 0.02 | 0.02 | 0.01 | 0.00 | 0.01 | --  | --  | --  | 0.01 | 0.03 | 0.00 | 0.02 | 0.04 | 0.02 | 0.01 | 0.02 | 0.01 |
| 8                   | 0.01 | 0.01 | 0.01 | 0.02 | 0.04 | 0.02 | 0.01 | 0.01 | 0.00 | 0.02 | 0.05 | 0.02 | 0.01 | 0.03 | 0.01 | --  | --  | --  | 0.01 | 0.01 | 0.01 | 0.02 | 0.04 | 0.02 | 0.01 | 0.03 | 0.00 |
| 9                   | 0.01 | 0.05 | 0.01 | 0.02 | 0.05 | 0.02 | 0.00 | 0.04 | 0.01 | 0.02 | 0.03 | 0.02 | 0.01 | 0.04 | 0.00 | --  | --  | --  | 0.01 | 0.03 | 0.00 | 0.02 | 0.07 | 0.02 | 0.01 | 0.03 | 0.00 |
| 10                  | 0.01 | 0.01 | 0.01 | 0.02 | 0.03 | 0.02 | 0.01 | 0.04 | 0.01 | 0.02 | 0.06 | 0.02 | 0.01 | 0.02 | 0.00 | --  | --  | --  | 0.01 | 0.03 | 0.00 | 0.02 | 0.05 | 0.02 | 0.01 | 0.00 | 0.01 |
| 11                  | 0.01 | 0.04 | 0.01 | 0.02 | 0.05 | 0.02 | 0.01 | 0.01 | 0.00 | 0.02 | 0.03 | 0.02 | 0.01 | 0.02 | 0.00 | --  | --  | --  | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 | 0.03 | 0.01 |
| 12                  | 0.01 | 0.05 | 0.01 | 0.02 | 0.03 | 0.02 | 0.01 | 0.03 | 0.01 | 0.02 | 0.04 | 0.03 | 0.01 | 0.00 | 0.00 | --  | --  | --  | 0.01 | 0.03 | 0.00 | 0.02 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 |
| 13                  | 0.01 | 0.02 | 0.01 | 0.02 | 0.04 | 0.02 | 0.01 | 0.02 | 0.00 | 0.02 | 0.02 | 0.02 | 0.00 | 0.03 | 0.00 | --  | --  | --  | 0.01 | 0.00 | 0.01 | 0.01 | 0.04 | 0.02 | 0.01 | 0.03 | 0.00 |
| 14                  | 0.01 | 0.03 | 0.01 | 0.02 | 0.04 | 0.02 | 0.01 | 0.02 | 0.00 | 0.02 | 0.05 | 0.02 | 0.01 | 0.01 | 0.01 | --  | --  | --  | 0.01 | 0.03 | 0.00 | 0.02 | 0.04 | 0.02 | 0.01 | 0.02 | 0.00 |
| 15                  | 0.01 | 0.01 | 0.01 | 0.02 | 0.05 | 0.02 | 0.01 | 0.01 | 0.01 | 0.02 | 0.08 | 0.02 | 0.01 | 0.02 | 0.01 | --  | --  | --  | 0.01 | 0.01 | 0.01 | 0.01 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 |
| 16                  | 0.01 | 0.04 | 0.01 | 0.02 | 0.03 | 0.02 | 0.01 | 0.02 | 0.00 | 0.02 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 | --  | --  | --  | 0.01 | 0.02 | 0.00 | 0.01 | 0.04 | 0.02 | 0.01 | 0.02 | 0.00 |
| 17                  | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.02 | 0.01 | 0.03 | 0.00 | 0.02 | 0.04 | 0.02 | 0.01 | 0.02 | 0.00 | --  | --  | --  | 0.01 | 0.03 | 0.00 | 0.01 | 0.04 | 0.02 | 0.01 | 0.01 | 0.01 |
| 18                  | 0.01 | 0.04 | 0.01 | 0.02 | 0.04 | 0.02 | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 | 0.02 | 0.01 | 0.03 | 0.00 | --  | --  | --  | 0.01 | 0.04 | 0.00 | 0.01 | 0.03 | 0.02 | 0.01 | 0.03 | 0.00 |
| 19                  | 0.01 | 0.03 | 0.01 | 0.02 | 0.02 | 0.02 | 0.01 | 0.03 | 0.00 | 0.02 | 0.05 | 0.02 | 0.01 | 0.00 | 0.01 | --  | --  | --  | 0.01 | 0.01 | 0.01 | 0.02 | 0.05 | 0.02 | 0.01 | 0.03 | 0.01 |
| 20                  | 0.01 | 0.01 | 0.01 | 0.02 | 0.04 | 0.02 | 0.01 | 0.00 | 0.00 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.00 | --  | --  | --  | 0.01 | 0.05 | 0.00 | 0.01 | 0.04 | 0.02 | 0.01 | 0.00 | 0.01 |
| 21                  | 0.01 | 0.03 | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 | 0.02 | 0.00 | 0.02 | 0.07 | 0.02 | 0.01 | 0.01 | 0.01 | --  | --  | --  | 0.01 | 0.03 | 0.00 | 0.01 | 0.02 | 0.02 | 0.01 | 0.03 | 0.00 |
| 22                  | 0.01 | 0.02 | 0.01 | 0.02 | 0.05 | 0.02 | 0.00 | 0.01 | 0.00 | 0.02 | 0.02 | 0.02 | 0.01 | 0.05 | 0.02 | --  | --  | --  | 0.00 | 0.02 | 0.00 | 0.01 | 0.06 | 0.03 | 0.01 | 0.08 | 0.01 |
| 23                  | 0.01 | 0.01 | 0.01 | 0.01 | 0.04 | 0.02 | 0.00 | 0.05 | 0.01 | 0.02 | 0.08 | 0.04 | 0.01 | 0.02 | 0.01 | --  | --  | --  | 0.01 | 0.00 | 0.00 | 0.02 | 0.02 | 0.02 | 0.01 | 0.03 | 0.01 |
| 24                  | 0.01 | 0.04 | 0.02 | 0.01 | 0.07 | 0.02 | 0.00 | 0.01 | 0.00 | 0.02 | 0.03 | 0.02 | 0.01 | 0.04 | 0.01 | --  | --  | --  | 0.01 | 0.04 | 0.01 | 0.01 | 0.02 | 0.02 | 0.01 | 0.05 | 0.01 |
| 25                  | 0.01 | 0.03 | 0.01 | 0.01 | 0.04 | 0.02 | 0.00 | 0.03 | 0.01 | 0.02 | 0.06 | 0.03 | 0.01 | 0.00 | 0.00 | --  | --  | --  | 0.01 | 0.01 | 0.01 | 0.02 | 0.05 | 0.02 | 0.01 | 0.00 | 0.01 |
| 26                  | 0.01 | 0.05 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.00 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.00 | --  | --  | --  | 0.01 | 0.05 | 0.00 | 0.01 | 0.04 | 0.02 | 0.01 | 0.03 | 0.00 |
| 27                  | 0.01 | 0.05 | 0.01 | 0.01 | 0.03 | 0.02 | 0.01 | 0.07 | 0.00 | 0.02 | 0.05 | 0.02 | 0.01 | 0.01 | 0.01 | --  | --  | --  | 0.01 | 0.02 | 0.00 | 0.01 | 0.03 | 0.01 | 0.01 | 0.00 | 0.01 |
| 28                  | 0.01 | 0.04 | 0.01 | 0.01 | 0.03 | 0.01 | 0.01 | 0.02 | 0.00 | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.00 | --  | --  | --  | 0.01 | 0.01 | 0.00 | 0.02 | 0.04 | 0.02 | 0.01 | 0.03 | 0.00 |
| 29                  | 0.01 | 0.01 | 0.01 | 0.04 | 0.04 | 0.04 | 0.01 | 0.00 | 0.01 | 0.02 | 0.02 | 0.02 | 0.01 | 0.03 | 0.00 | --  | --  | --  | 0.01 | 0.04 | 0.01 | 0.01 | 0.06 | 0.02 | 0.01 | 0.02 | 0.01 |
| 30                  | 0.03 | 0.05 | 0.04 | 0.02 | 0.04 | 0.02 | 0.01 | 0.05 | 0.02 | 0.02 | 0.07 | 0.03 | 0.01 | 0.00 | 0.00 | --  | --  | --  | 0.00 | 0.01 | 0.00 | 0.02 | 0.07 | 0.03 | 0.00 | 0.08 | 0.02 |
| Monthly Min/Max/Avg | 0.01 | 0.05 | 0.01 | 0.01 | 0.07 | 0.02 | 0.01 | 0.07 | 0.00 | 0.02 | 0.08 | 0.02 | 0.01 | 0.05 | 0.00 | --  | --  | --  | 0.01 | 0.05 | 0.00 | 0.01 | 0.07 | 0.02 | 0.01 | 0.08 | 0.00 |

NOTES: ' -- ' indicates filter offline

## 1.2.10 E.L. Smith Filters 10 - 18 Turbidity (NTU)

June 2026

| Filter              | 10   |      |      | 11   |      |      | 12   |      |      | 13   |      |      | 14   |      |      | 15   |      |      | 16   |      |      | 17   |      |      | 18   |      |      |
|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Day                 | Min  | Max  | Avg  | Min  | Max  | Avg  | Min  | Max  | Avg  | Min  | Max  | Avg  | Min  | Max  | Avg  | Min  | Max  | Avg  | Min  | Max  | Avg  | Min  | Max  | Avg  | Min  | Max  | Avg  |
| 1                   | 0.02 | 0.04 | 0.02 | 0.01 | 0.00 | 0.01 | 0.00 | 0.02 | 0.01 | 0.03 | 0.05 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.05 | 0.04 | 0.04 | 0.07 | 0.04 | 0.04 | 0.06 | 0.04 | 0.03 | 0.05 | 0.04 |
| 2                   | 0.02 | 0.02 | 0.02 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.06 | 0.03 | 0.04 | 0.06 | 0.04 | 0.04 | 0.06 | 0.05 | 0.03 | 0.04 | 0.03 | 0.04 | 0.04 | 0.04 | 0.03 | 0.04 | 0.03 |
| 3                   | 0.02 | 0.05 | 0.03 | 0.01 | 0.04 | 0.01 | 0.00 | 0.03 | 0.01 | 0.03 | 0.05 | 0.03 | 0.04 | 0.07 | 0.04 | 0.04 | 0.05 | 0.04 | 0.04 | 0.06 | 0.04 | 0.04 | 0.07 | 0.05 | 0.03 | 0.04 | 0.03 |
| 4                   | 0.02 | 0.03 | 0.02 | 0.01 | 0.03 | 0.00 | 0.01 | 0.03 | 0.00 | 0.03 | 0.06 | 0.04 | 0.03 | 0.04 | 0.04 | 0.04 | 0.07 | 0.05 | 0.03 | 0.04 | 0.03 | 0.04 | 0.04 | 0.04 | 0.03 | 0.06 | 0.03 |
| 5                   | 0.02 | 0.05 | 0.02 | 0.01 | 0.07 | 0.01 | 0.00 | 0.03 | 0.01 | 0.03 | 0.03 | 0.03 | 0.03 | 0.06 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.06 | 0.04 | 0.04 | 0.07 | 0.04 | 0.03 | 0.03 | 0.03 |
| 6                   | 0.02 | 0.04 | 0.02 | 0.01 | 0.03 | 0.00 | 0.00 | 0.08 | 0.01 | 0.03 | 0.06 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.07 | 0.05 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.06 | 0.03 |
| 7                   | 0.02 | 0.03 | 0.02 | 0.01 | 0.03 | 0.00 | 0.00 | 0.03 | 0.01 | 0.03 | 0.03 | 0.03 | 0.03 | 0.07 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.06 | 0.04 | 0.04 | 0.07 | 0.05 | 0.03 | 0.03 | 0.03 |
| 8                   | 0.02 | 0.04 | 0.02 | 0.01 | 0.02 | 0.01 | 0.00 | 0.02 | 0.00 | 0.03 | 0.06 | 0.04 | 0.04 | 0.05 | 0.04 | 0.02 | 0.06 | 0.05 | 0.03 | 0.06 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.06 | 0.04 |
| 9                   | 0.02 | 0.02 | 0.02 | 0.01 | 0.04 | 0.00 | 0.00 | 0.03 | 0.01 | 0.03 | 0.07 | 0.03 | 0.04 | 0.07 | 0.04 | 0.04 | 0.05 | 0.05 | 0.03 | 0.04 | 0.04 | 0.04 | 0.07 | 0.05 | 0.03 | 0.05 | 0.03 |
| 10                  | 0.02 | 0.05 | 0.03 | 0.01 | 0.03 | 0.00 | 0.00 | 0.04 | 0.01 | 0.03 | 0.04 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.07 | 0.05 | 0.03 | 0.07 | 0.04 | 0.04 | 0.07 | 0.04 | 0.03 | 0.04 | 0.03 |
| 11                  | 0.02 | 0.05 | 0.02 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.06 | 0.03 | 0.04 | 0.07 | 0.04 | 0.04 | 0.07 | 0.05 | 0.03 | 0.04 | 0.03 | 0.04 | 0.04 | 0.04 | 0.03 | 0.06 | 0.03 |
| 12                  | 0.02 | 0.08 | 0.02 | 0.01 | 0.03 | 0.00 | 0.00 | 0.03 | 0.01 | 0.03 | 0.03 | 0.03 | 0.03 | 0.07 | 0.04 | 0.04 | 0.05 | 0.05 | 0.03 | 0.06 | 0.04 | 0.04 | 0.07 | 0.04 | 0.03 | 0.03 | 0.03 |
| 13                  | 0.02 | 0.05 | 0.02 | 0.01 | 0.01 | 0.01 | 0.00 | 0.04 | 0.01 | 0.03 | 0.06 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.07 | 0.05 | 0.03 | 0.06 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.06 | 0.03 |
| 14                  | 0.02 | 0.06 | 0.02 | 0.01 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.03 | 0.03 | 0.03 | 0.06 | 0.04 | 0.04 | 0.05 | 0.04 | 0.03 | 0.04 | 0.04 | 0.04 | 0.06 | 0.05 | 0.03 | 0.03 | 0.03 |
| 15                  | 0.02 | 0.04 | 0.02 | 0.01 | 0.03 | 0.01 | 0.01 | 0.03 | 0.01 | 0.03 | 0.06 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.07 | 0.05 | 0.03 | 0.06 | 0.04 | 0.04 | 0.07 | 0.04 | 0.03 | 0.06 | 0.03 |
| 16                  | 0.02 | 0.03 | 0.02 | 0.01 | 0.02 | 0.01 | 0.00 | 0.03 | 0.01 | 0.03 | 0.06 | 0.03 | 0.03 | 0.06 | 0.04 | 0.04 | 0.05 | 0.04 | 0.03 | 0.04 | 0.03 | 0.04 | 0.05 | 0.04 | 0.03 | 0.04 | 0.03 |
| 17                  | 0.02 | 0.05 | 0.02 | 0.01 | 0.03 | 0.00 | 0.00 | 0.02 | 0.00 | 0.03 | 0.04 | 0.03 | 0.03 | 0.07 | 0.04 | 0.04 | 0.07 | 0.05 | 0.03 | 0.07 | 0.04 | 0.04 | 0.07 | 0.04 | 0.03 | 0.03 | 0.03 |
| 18                  | 0.02 | 0.05 | 0.02 | 0.01 | 0.04 | 0.00 | 0.00 | 0.04 | 0.01 | 0.03 | 0.07 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.07 | 0.05 | 0.03 | 0.07 | 0.04 | 0.04 | 0.07 | 0.04 | 0.03 | 0.06 | 0.04 |
| 19                  | 0.02 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 | 0.00 | 0.04 | 0.01 | 0.03 | 0.03 | 0.03 | 0.04 | 0.07 | 0.04 | 0.04 | 0.05 | 0.05 | 0.04 | 0.05 | 0.04 | 0.04 | 0.05 | 0.04 | 0.03 | 0.05 | 0.03 |
| 20                  | 0.02 | 0.05 | 0.02 | 0.01 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.04 | 0.04 | 0.07 | 0.04 | 0.04 | 0.07 | 0.05 | 0.03 | 0.07 | 0.04 | 0.04 | 0.07 | 0.05 | 0.03 | 0.04 | 0.03 |
| 21                  | 0.02 | 0.02 | 0.02 | 0.01 | 0.03 | 0.00 | 0.01 | 0.04 | 0.01 | 0.03 | 0.06 | 0.03 | 0.03 | 0.07 | 0.04 | 0.04 | 0.05 | 0.04 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.05 | 0.03 |
| 22                  | 0.02 | 0.02 | 0.02 | 0.01 | 0.04 | 0.01 | 0.00 | 0.00 | 0.00 | 0.03 | 0.04 | 0.04 | 0.03 | 0.04 | 0.03 | 0.05 | 0.07 | 0.06 | 0.03 | 0.08 | 0.05 | 0.05 | 0.08 | 0.06 | 0.03 | 0.04 | 0.03 |
| 23                  | 0.02 | 0.08 | 0.03 | --   | --   | --   | 0.01 | 0.08 | 0.03 | 0.03 | 0.04 | 0.04 | 0.05 | 0.08 | 0.06 | 0.05 | 0.05 | 0.05 | 0.04 | 0.05 | 0.04 | 0.04 | 0.05 | 0.05 | 0.04 | 0.07 | 0.05 |
| 24                  | 0.02 | 0.02 | 0.02 | 0.01 | 0.05 | 0.01 | 0.00 | 0.03 | 0.00 | 0.03 | 0.08 | 0.04 | 0.04 | 0.05 | 0.04 | 0.05 | 0.08 | 0.05 | 0.04 | 0.04 | 0.04 | 0.05 | 0.08 | 0.06 | 0.03 | 0.04 | 0.03 |
| 25                  | 0.02 | 0.06 | 0.03 | 0.01 | 0.07 | 0.01 | 0.00 | 0.05 | 0.01 | 0.03 | 0.07 | 0.03 | 0.04 | 0.07 | 0.04 | 0.04 | 0.05 | 0.05 | 0.04 | 0.07 | 0.04 | 0.04 | 0.05 | 0.04 | 0.03 | 0.07 | 0.03 |
| 26                  | 0.02 | 0.05 | 0.02 | 0.01 | 0.00 | 0.01 | 0.01 | 0.03 | 0.00 | 0.03 | 0.04 | 0.04 | 0.03 | 0.04 | 0.04 | 0.04 | 0.07 | 0.05 | 0.03 | 0.06 | 0.04 | 0.04 | 0.07 | 0.05 | 0.03 | 0.04 | 0.03 |
| 27                  | 0.02 | 0.02 | 0.02 | 0.01 | 0.03 | 0.00 | 0.01 | 0.00 | 0.00 | 0.03 | 0.06 | 0.03 | 0.04 | 0.07 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.03 | 0.04 | 0.03 |
| 28                  | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.01 | 0.00 | 0.04 | 0.01 | 0.03 | 0.04 | 0.03 | 0.04 | 0.04 | 0.04 | 0.04 | 0.07 | 0.05 | 0.03 | 0.06 | 0.04 | 0.04 | 0.07 | 0.05 | 0.02 | 0.03 | 0.03 |
| 29                  | 0.02 | 0.04 | 0.02 | 0.00 | 0.05 | 0.01 | 0.00 | 0.00 | 0.00 | 0.03 | 0.07 | 0.04 | 0.04 | 0.07 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.06 | 0.04 |
| 30                  | 0.02 | 0.02 | 0.02 | 0.01 | 0.07 | 0.00 | 0.01 | 0.06 | 0.02 | 0.03 | 0.04 | 0.03 | 0.04 | 0.04 | 0.04 | 0.05 | 0.08 | 0.06 | 0.05 | 0.07 | 0.06 | --   | --   | --   | 0.03 | 0.04 | 0.04 |
| Monthly Min/Max/Avg | 0.02 | 0.08 | 0.02 | 0.01 | 0.07 | 0.00 | 0.01 | 0.08 | 0.01 | 0.03 | 0.08 | 0.03 | 0.03 | 0.08 | 0.04 | 0.02 | 0.08 | 0.05 | 0.03 | 0.08 | 0.04 | 0.04 | 0.08 | 0.04 | 0.02 | 0.07 | 0.03 |

NOTES: ' -- ' indicates filter offline

## 1.2.11 Combined Filter Effluent Water Quality

June 2026

| Day                    | Rossdale                      |     |     |                 |      |      | E.L. Smith                    |     |     |                 |      |      |
|------------------------|-------------------------------|-----|-----|-----------------|------|------|-------------------------------|-----|-----|-----------------|------|------|
|                        | Particle Counts (no./mL,>2um) |     |     | Turbidity (NTU) |      |      | Particle Counts (no./mL,>2um) |     |     | Turbidity (NTU) |      |      |
|                        | Min                           | Max | Avg | Min             | Max  | Avg  | Min                           | Max | Avg | Min             | Max  | Avg  |
| 1                      | 1                             | 4   | 2   | 0.03            | 0.07 | 0.03 | 1                             | 4   | 2   | 0.01            | 0.02 | 0.02 |
| 2                      | 1                             | 4   | 3   | 0.03            | 0.06 | 0.04 | 1                             | 4   | 2   | 0.02            | 0.02 | 0.02 |
| 3                      | 2                             | 6   | 4   | 0.03            | 0.04 | 0.03 | 2                             | 5   | 3   | 0.02            | 0.02 | 0.02 |
| 4                      | 3                             | 7   | 5   | 0.03            | 0.07 | 0.03 | 1                             | 5   | 2   | 0.02            | 0.02 | 0.02 |
| 5                      | 1                             | 7   | 3   | 0.03            | 0.05 | 0.04 | 1                             | 4   | 2   | 0.02            | 0.02 | 0.02 |
| 6                      | 1                             | 3   | 1   | 0.03            | 0.07 | 0.03 | 1                             | 9   | 3   | 0.02            | 0.02 | 0.02 |
| 7                      | 1                             | 3   | 1   | 0.03            | 0.04 | 0.03 | 1                             | 4   | 1   | 0.02            | 0.02 | 0.02 |
| 8                      | 1                             | 3   | 2   | 0.03            | 0.05 | 0.03 | 1                             | 3   | 1   | 0.02            | 0.02 | 0.02 |
| 9                      | 1                             | 4   | 1   | 0.03            | 0.05 | 0.03 | 1                             | 3   | 1   | 0.02            | 0.02 | 0.02 |
| 10                     | 1                             | 3   | 1   | 0.03            | 0.05 | 0.03 | 1                             | 4   | 2   | 0.02            | 0.02 | 0.02 |
| 11                     | 1                             | 2   | 1   | 0.03            | 0.05 | 0.03 | 1                             | 3   | 1   | 0.01            | 0.02 | 0.02 |
| 12                     | 1                             | 2   | 1   | 0.03            | 0.06 | 0.03 | 1                             | 4   | 2   | 0.02            | 0.02 | 0.02 |
| 13                     | 1                             | 3   | 1   | 0.03            | 0.04 | 0.03 | 1                             | 4   | 2   | 0.02            | 0.02 | 0.02 |
| 14                     | 1                             | 2   | 1   | 0.03            | 0.04 | 0.03 | 1                             | 5   | 1   | 0.02            | 0.02 | 0.02 |
| 15                     | 1                             | 2   | 1   | 0.03            | 0.06 | 0.03 | 1                             | 4   | 1   | 0.02            | 0.02 | 0.02 |
| 16                     | 1                             | 2   | 1   | 0.03            | 0.06 | 0.03 | 1                             | 4   | 1   | 0.02            | 0.02 | 0.02 |
| 17                     | 1                             | 9   | 1   | 0.03            | 0.10 | 0.03 | 1                             | 4   | 2   | 0.02            | 0.02 | 0.02 |
| 18                     | 1                             | 2   | 1   | 0.03            | 0.08 | 0.03 | 1                             | 4   | 2   | 0.01            | 0.02 | 0.02 |
| 19                     | 1                             | 2   | 1   | 0.03            | 0.05 | 0.03 | 1                             | 4   | 2   | 0.02            | 0.02 | 0.02 |
| 20                     | 1                             | 2   | 1   | 0.03            | 0.06 | 0.03 | 1                             | 4   | 2   | 0.02            | 0.02 | 0.02 |
| 21                     | 1                             | 15  | 1   | 0.03            | 0.06 | 0.03 | 1                             | 4   | 1   | 0.02            | 0.02 | 0.02 |
| 22                     | 1                             | 19  | 6   | 0.03            | 0.09 | 0.04 | 2                             | 7   | 4   | 0.02            | 0.03 | 0.02 |
| 23                     | 4                             | 20  | 12  | 0.06            | 0.12 | 0.08 | 2                             | 11  | 4   | 0.02            | 0.03 | 0.03 |
| 24                     | 1                             | 5   | 2   | 0.03            | 0.07 | 0.04 | 2                             | 7   | 3   | 0.02            | 0.03 | 0.02 |
| 25                     | 1                             | 5   | 1   | 0.03            | 0.06 | 0.03 | 1                             | 6   | 2   | 0.02            | 0.02 | 0.02 |
| 26                     | 1                             | 4   | 1   | 0.03            | 0.05 | 0.03 | 1                             | 3   | 1   | 0.02            | 0.02 | 0.02 |
| 27                     | 1                             | 2   | 1   | 0.03            | 0.05 | 0.03 | 1                             | 4   | 1   | 0.01            | 0.02 | 0.02 |
| 28                     | 1                             | 1   | 1   | 0.03            | 0.07 | 0.03 | 1                             | 4   | 1   | 0.02            | 0.02 | 0.02 |
| 29                     | 1                             | 6   | 1   | 0.03            | 0.05 | 0.03 | 1                             | 6   | 2   | 0.02            | 0.03 | 0.02 |
| 30                     | 1                             | 6   | 3   | 0.03            | 0.08 | 0.04 | 2                             | 9   | 4   | 0.02            | 0.03 | 0.03 |
| Monthly<br>Min/Max/Avg | 1                             | 20  | 2   | 0.03            | 0.12 | 0.03 | 1                             | 11  | 2   | 0.01            | 0.03 | 0.02 |

NOTES: ' -- ' indicates plant offline

## 1.2.12 Rossdale UV Disinfection - Filters 1 - 3

June 2026

| Filter               | 1                            |      |      |            |      |       | 2                            |      |      |            |      |       | 3                            |      |      |            |      |       | Transmittance (%) |      |      |
|----------------------|------------------------------|------|------|------------|------|-------|------------------------------|------|------|------------|------|-------|------------------------------|------|------|------------|------|-------|-------------------|------|------|
| Day                  | Dosage (mJ/cm <sup>2</sup> ) |      |      | Flow (MLD) |      |       | Dosage (mJ/cm <sup>2</sup> ) |      |      | Flow (MLD) |      |       | Dosage (mJ/cm <sup>2</sup> ) |      |      | Flow (MLD) |      |       | Min               | Max  | Avg  |
|                      | Min                          | Max  | Avg  | Min        | Max  | Total | Min                          | Max  | Avg  | Min        | Max  | Total | Min                          | Max  | Avg  | Min        | Max  | Total |                   |      |      |
| 1                    | 38.8                         | 43.0 | 40.7 | 19.5       | 21.7 | 3.5   | 35.2                         | 41.9 | 36.4 | 21.7       | 26.5 | 2.3   | 35.1                         | 37.4 | 36.1 | 21.7       | 23.3 | 18.5  | 95.4              | 95.9 | 95.6 |
| 2                    | 37.7                         | 40.1 | 38.7 | 20.4       | 21.0 | 7.9   | 35.2                         | 36.6 | 35.7 | 23.8       | 28.3 | 24.4  | 35.0                         | 36.3 | 35.7 | 21.0       | 25.4 | 21.9  | 94.8              | 95.8 | 95.2 |
| 3                    | 35.1                         | 41.2 | 38.0 | 19.4       | 23.9 | 21.5  | 34.6                         | 41.3 | 36.1 | 19.7       | 25.6 | 23.6  | 34.9                         | 38.5 | 35.9 | 17.9       | 23.7 | 17.6  | 94.0              | 95.2 | 94.9 |
| 4                    | 34.9                         | 36.3 | 35.5 | 20.9       | 23.1 | 22.4  | 34.9                         | 36.3 | 35.5 | 20.8       | 22.4 | 16.3  | 35.3                         | 36.1 | 35.8 | 18.1       | 18.6 | 0.1   | 91.7              | 94.0 | 92.4 |
| 5                    | 35.1                         | 36.0 | 35.5 | 21.2       | 22.1 | 2.5   | 34.8                         | 37.8 | 35.5 | 18.1       | 21.3 | 12.7  | 34.7                         | 36.3 | 35.5 | 18.2       | 23.6 | 22.5  | 91.4              | 92.1 | 91.5 |
| 6                    | 35.1                         | 36.1 | 35.5 | 21.2       | 25.4 | 7.0   | 34.9                         | 36.4 | 35.5 | 20.6       | 26.2 | 24.1  | 34.9                         | 36.2 | 35.5 | 21.7       | 23.7 | 22.7  | 92.1              | 92.4 | 92.3 |
| 7                    | 35.0                         | 36.2 | 35.6 | 23.9       | 25.4 | 24.7  | 34.9                         | 36.0 | 35.5 | 23.8       | 25.2 | 24.6  | 34.8                         | 36.3 | 35.5 | 21.3       | 22.8 | 20.0  | 91.1              | 92.5 | 92.0 |
| 8                    | 34.6                         | 36.2 | 35.5 | 23.7       | 28.1 | 25.9  | 34.9                         | 36.0 | 35.5 | 23.6       | 24.5 | 5.1   | 34.8                         | 36.2 | 35.5 | 18.3       | 28.0 | 18.9  | 92.1              | 92.6 | 92.1 |
| 9                    | 34.9                         | 36.3 | 35.5 | 25.6       | 26.3 | 4.3   | 34.8                         | 36.1 | 35.5 | 21.2       | 30.9 | 21.8  | 34.9                         | 36.2 | 35.5 | 23.7       | 27.7 | 25.0  | 92.2              | 92.6 | 92.5 |
| 10                   | 34.5                         | 36.3 | 35.5 | 20.6       | 24.6 | 6.5   | 34.8                         | 36.2 | 35.5 | 23.5       | 26.6 | 25.5  | 34.9                         | 36.2 | 35.5 | 20.9       | 24.2 | 23.0  | 91.0              | 92.2 | 91.5 |
| 11                   | 35.0                         | 36.2 | 35.5 | 23.0       | 24.9 | 24.1  | 34.9                         | 36.1 | 35.5 | 21.9       | 24.4 | 23.0  | 34.9                         | 36.3 | 35.5 | 17.9       | 21.7 | 3.6   | 91.4              | 92.2 | 91.7 |
| 12                   | 34.8                         | 36.2 | 35.5 | 21.8       | 26.4 | 24.0  | --                           | --   | --   | --         | --   | --    | 34.8                         | 36.3 | 35.5 | 18.0       | 27.5 | 23.6  | 92.2              | 92.8 | 92.5 |
| 13                   | 34.9                         | 36.2 | 35.5 | 24.5       | 25.3 | 10.5  | 35.0                         | 36.1 | 35.5 | 20.9       | 26.0 | 14.8  | 34.9                         | 36.2 | 35.5 | 24.1       | 26.7 | 25.1  | 92.6              | 92.8 | 92.7 |
| 14                   | 35.0                         | 36.1 | 35.5 | 21.5       | 25.7 | 13.8  | 34.8                         | 36.1 | 35.5 | 24.5       | 29.9 | 27.7  | 34.8                         | 36.1 | 35.5 | 24.8       | 26.7 | 17.6  | 91.8              | 92.8 | 92.4 |
| 15                   | 34.9                         | 36.3 | 35.5 | 23.6       | 28.9 | 27.1  | 34.7                         | 36.0 | 35.5 | 26.8       | 30.7 | 28.0  | --                           | --   | --   | --         | --   | --    | 91.9              | 92.0 | 92.0 |
| 16                   | 34.7                         | 36.3 | 35.5 | 25.4       | 28.5 | 27.3  | 35.0                         | 36.0 | 35.5 | 27.5       | 28.4 | 1.8   | 34.7                         | 36.2 | 35.5 | 26.7       | 28.8 | 26.2  | 91.8              | 92.6 | 92.2 |
| 17                   | 34.9                         | 35.9 | 35.5 | 25.7       | 26.5 | 1.2   | 34.8                         | 36.1 | 35.5 | 25.4       | 30.4 | 27.2  | 34.8                         | 36.2 | 35.5 | 23.8       | 27.6 | 25.5  | 92.5              | 93.7 | 93.2 |
| 18                   | 35.1                         | 36.1 | 35.6 | 20.8       | 25.4 | 8.5   | 34.8                         | 36.3 | 35.5 | 25.3       | 27.3 | 26.3  | 34.8                         | 36.3 | 35.5 | 22.7       | 25.4 | 23.9  | 93.5              | 94.0 | 93.7 |
| 19                   | 35.1                         | 36.1 | 35.6 | 23.3       | 25.4 | 24.4  | 35.0                         | 36.2 | 35.6 | 20.7       | 26.1 | 24.5  | 35.1                         | 36.0 | 35.5 | 24.4       | 25.1 | 2.3   | 93.4              | 94.0 | 93.8 |
| 20                   | 34.9                         | 36.0 | 35.6 | 22.0       | 23.5 | 22.4  | 35.4                         | 36.1 | 35.7 | 20.3       | 20.8 | 0.6   | 34.9                         | 36.3 | 35.5 | 20.5       | 21.4 | 20.0  | 92.9              | 93.4 | 93.1 |
| 21                   | 35.3                         | 35.9 | 35.6 | 22.1       | 22.5 | 0.7   | 34.9                         | 36.5 | 35.6 | 21.2       | 26.0 | 22.4  | 34.8                         | 36.7 | 35.5 | 20.7       | 23.3 | 21.8  | 92.8              | 93.3 | 93.0 |
| 22                   | 35.2                         | 36.0 | 35.6 | 20.9       | 25.4 | 5.8   | 34.9                         | 36.3 | 35.6 | 21.2       | 25.3 | 22.6  | 34.9                         | 36.2 | 35.5 | 20.6       | 22.3 | 17.3  | 89.7              | 93.2 | 91.8 |
| 23                   | 35.2                         | 36.0 | 35.6 | 20.4       | 25.3 | 20.6  | 35.1                         | 36.1 | 35.6 | 21.1       | 24.6 | 21.6  | 35.1                         | 36.3 | 35.7 | 13.7       | 14.3 | 0.9   | 88.7              | 91.2 | 89.6 |
| 24                   | 35.2                         | 36.2 | 35.6 | 20.5       | 25.6 | 22.6  | 35.3                         | 36.0 | 35.6 | 21.1       | 21.7 | 3.3   | 34.7                         | 36.4 | 35.6 | 13.7       | 19.2 | 17.7  | 91.2              | 93.0 | 92.4 |
| 25                   | 34.8                         | 36.1 | 35.5 | 23.5       | 29.8 | 18.9  | 34.8                         | 36.1 | 35.5 | 21.5       | 26.2 | 7.7   | 34.6                         | 36.3 | 35.5 | 17.8       | 27.1 | 23.2  | 92.1              | 93.1 | 92.5 |
| 26                   | 35.0                         | 36.2 | 35.5 | 23.8       | 25.7 | 13.8  | 33.6                         | 36.3 | 35.5 | 25.1       | 33.6 | 31.0  | 34.7                         | 36.2 | 35.5 | 26.6       | 30.9 | 29.1  | 91.2              | 92.2 | 92.0 |
| 27                   | 34.1                         | 36.2 | 35.5 | 22.6       | 29.4 | 25.6  | 34.8                         | 35.9 | 35.5 | 29.6       | 31.5 | 9.5   | 34.8                         | 36.3 | 35.5 | 14.0       | 29.2 | 20.1  | 91.2              | 92.4 | 91.6 |
| 28                   | 34.7                         | 36.8 | 35.5 | 23.9       | 28.0 | 26.2  | --                           | --   | --   | --         | --   | --    | 34.7                         | 36.3 | 35.5 | 20.6       | 23.6 | 22.7  | 92.4              | 93.2 | 92.9 |
| 29                   | 34.7                         | 36.2 | 35.5 | 26.2       | 27.4 | 14.8  | 34.7                         | 36.2 | 35.5 | 20.7       | 26.4 | 13.5  | 34.7                         | 36.3 | 35.5 | 15.8       | 23.3 | 21.4  | 91.5              | 92.9 | 92.4 |
| 30                   | 34.8                         | 36.3 | 35.4 | 18.4       | 25.8 | 9.7   | 34.8                         | 36.5 | 35.5 | 18.0       | 26.6 | 21.9  | 34.9                         | 36.1 | 35.5 | 15.5       | 16.2 | 3.1   | 88.8              | 91.5 | 90.3 |
| Monthly Total        |                              |      |      |            |      | 468.1 |                              |      |      |            |      | 507.8 |                              |      |      |            |      | 535.3 |                   |      |      |
| Monthly Min/Max/ Avg | 34.1                         | 43.0 | 35.9 | 18.4       | 29.8 |       | 33.6                         | 41.9 | 35.6 | 18.0       | 33.6 |       | 34.6                         | 38.5 | 35.6 | 13.7       | 30.9 |       | 88.7              | 95.9 | 92.5 |

NOTES: - Each filter has a UV reactor  
- Transmittance (%) is a grab sample of the filter effluent prior to the UV reactor of a random online filter  
' -- ' indicates filter and UV reactor offline

## 1.2.13 Rossdale UV Disinfection - Filters 4 - 6

June 2026

| Filter               | 4               |      |      |            |      |       | 5               |      |      |            |      |       | 6               |      |      |            |      |       | Transmittance (%) |      |      |
|----------------------|-----------------|------|------|------------|------|-------|-----------------|------|------|------------|------|-------|-----------------|------|------|------------|------|-------|-------------------|------|------|
| Day                  | Dosage (mJ/cm²) |      |      | Flow (MLD) |      |       | Dosage (mJ/cm²) |      |      | Flow (MLD) |      |       | Dosage (mJ/cm²) |      |      | Flow (MLD) |      |       |                   |      |      |
|                      | Min             | Max  | Avg  | Min        | Max  | Total | Min             | Max  | Avg  | Min        | Max  | Total | Min             | Max  | Avg  | Min        | Max  | Total | Min               | Max  | Avg  |
| 1                    | 35.8            | 43.6 | 39.8 | 22.2       | 26.3 | 24.8  | 40.7            | 49.0 | 44.7 | 19.5       | 21.3 | 13.9  | 35.3            | 39.4 | 36.8 | 23.7       | 26.1 | 24.9  | 95.4              | 95.9 | 95.6 |
| 2                    | 37.7            | 41.9 | 39.8 | 22.5       | 23.8 | 9.6   | 34.5            | 40.9 | 36.7 | 20.0       | 27.2 | 17.4  | 35.3            | 36.3 | 35.7 | 23.6       | 28.1 | 24.9  | 94.8              | 95.8 | 95.2 |
| 3                    | 38.7            | 47.9 | 41.3 | 17.7       | 18.1 | 3.2   | 35.0            | 38.1 | 35.7 | 20.1       | 25.6 | 23.1  | 35.4            | 36.2 | 35.7 | 23.1       | 26.8 | 4.8   | 94.0              | 95.2 | 94.9 |
| 4                    | 35.1            | 40.2 | 36.1 | 17.1       | 18.2 | 17.8  | 34.6            | 36.3 | 35.5 | 18.8       | 20.7 | 19.7  | 35.0            | 36.0 | 35.5 | 21.5       | 26.4 | 3.1   | 91.7              | 94.0 | 92.4 |
| 5                    | 35.0            | 36.9 | 35.7 | 17.0       | 17.8 | 17.4  | 34.5            | 36.7 | 35.5 | 19.7       | 20.6 | 15.7  | 35.3            | 35.7 | 35.5 | 21.2       | 21.4 | 0.2   | 91.4              | 92.1 | 91.5 |
| 6                    | 35.5            | 36.8 | 36.0 | 17.4       | 17.7 | 1.7   | 34.9            | 36.0 | 35.5 | 19.9       | 25.1 | 23.0  | 34.9            | 36.2 | 35.5 | 21.5       | 27.6 | 23.0  | 92.1              | 92.4 | 92.3 |
| 7                    | 35.0            | 36.5 | 35.7 | 18.2       | 23.3 | 1.8   | 34.6            | 36.2 | 35.5 | 22.3       | 26.4 | 24.5  | 34.6            | 36.2 | 35.5 | 25.1       | 26.6 | 26.0  | 91.1              | 92.5 | 92.0 |
| 8                    | 35.0            | 36.7 | 35.7 | 21.9       | 23.4 | 22.7  | 35.2            | 35.9 | 35.5 | 25.6       | 26.2 | 1.2   | 34.9            | 36.0 | 35.5 | 25.0       | 29.6 | 18.7  | 92.1              | 92.6 | 92.1 |
| 9                    | 34.0            | 36.7 | 35.7 | 21.9       | 27.0 | 23.6  | 34.8            | 36.1 | 35.5 | 20.9       | 25.4 | 13.6  | --              | --   | --   | --         | --   | --    | 92.2              | 92.6 | 92.5 |
| 10                   | 35.0            | 36.8 | 35.6 | 18.1       | 24.2 | 17.2  | 34.9            | 36.4 | 35.5 | 21.0       | 22.9 | 22.2  | 34.9            | 36.3 | 35.5 | 24.4       | 27.2 | 23.3  | 91.0              | 92.2 | 91.5 |
| 11                   | 35.0            | 36.8 | 35.7 | 18.2       | 23.1 | 20.2  | 34.8            | 36.1 | 35.5 | 20.8       | 22.7 | 22.0  | 34.8            | 36.1 | 35.5 | 24.3       | 25.7 | 25.2  | 91.4              | 92.2 | 91.7 |
| 12                   | 34.9            | 36.7 | 35.7 | 21.2       | 26.4 | 24.5  | 34.9            | 35.9 | 35.5 | 21.0       | 22.3 | 4.3   | 34.9            | 36.1 | 35.5 | 23.8       | 25.6 | 10.0  | 92.2              | 92.8 | 92.5 |
| 13                   | 34.2            | 36.6 | 35.7 | 23.1       | 25.3 | 16.4  | 35.0            | 36.4 | 35.5 | 20.2       | 25.1 | 8.4   | --              | --   | --   | --         | --   | --    | 92.6              | 92.8 | 92.7 |
| 14                   | 35.1            | 36.8 | 35.7 | 18.4       | 23.6 | 7.2   | 34.9            | 36.2 | 35.5 | 23.6       | 28.2 | 26.4  | 34.5            | 36.0 | 35.5 | 21.4       | 27.6 | 20.5  | 91.8              | 92.8 | 92.4 |
| 15                   | 34.8            | 36.6 | 35.6 | 21.9       | 31.2 | 26.8  | 34.9            | 36.2 | 35.5 | 25.6       | 28.1 | 13.1  | 33.9            | 36.3 | 35.5 | 25.3       | 31.1 | 29.2  | 91.9              | 92.0 | 92.0 |
| 16                   | 34.8            | 36.2 | 35.5 | 27.8       | 30.9 | 29.7  | --              | --   | --   | --         | --   | --    | 35.1            | 36.0 | 35.6 | 29.9       | 34.0 | 28.3  | 91.8              | 92.6 | 92.2 |
| 17                   | 35.0            | 35.9 | 35.5 | 27.2       | 28.8 | 5.1   | 34.9            | 36.1 | 35.6 | 24.5       | 28.3 | 22.8  | --              | --   | --   | --         | --   | --    | 92.5              | 93.7 | 93.2 |
| 18                   | --              | --   | --   | --         | --   | --    | 34.9            | 36.2 | 35.6 | 24.9       | 26.9 | 25.9  | 35.1            | 36.0 | 35.6 | 25.7       | 27.3 | 24.0  | 93.5              | 94.0 | 93.7 |
| 19                   | 35.1            | 38.6 | 35.8 | 18.4       | 23.5 | 19.8  | 34.9            | 36.1 | 35.6 | 21.3       | 25.8 | 24.4  | 34.3            | 36.0 | 35.6 | 24.2       | 26.7 | 25.6  | 93.4              | 94.0 | 93.8 |
| 20                   | 35.1            | 36.8 | 35.7 | 20.1       | 21.2 | 20.5  | 35.0            | 36.0 | 35.6 | 20.0       | 21.3 | 3.6   | 35.1            | 36.0 | 35.6 | 23.6       | 25.0 | 21.0  | 92.9              | 93.4 | 93.1 |
| 21                   | 34.8            | 36.7 | 35.7 | 20.5       | 29.4 | 8.9   | --              | --   | --   | --         | --   | --    | --              | --   | --   | --         | --   | --    | 92.8              | 93.3 | 93.0 |
| 22                   | --              | --   | --   | --         | --   | --    | 34.9            | 36.3 | 35.5 | 23.4       | 25.0 | 20.6  | 35.1            | 36.1 | 35.6 | 21.0       | 27.0 | 14.7  | 89.7              | 93.2 | 91.8 |
| 23                   | 35.3            | 40.3 | 37.1 | 13.8       | 17.6 | 0.3   | 35.2            | 36.1 | 35.6 | 21.8       | 24.3 | 22.7  | 35.2            | 35.9 | 35.6 | 24.9       | 26.9 | 25.8  | 88.7              | 91.2 | 89.6 |
| 24                   | 35.1            | 41.4 | 36.2 | 13.5       | 18.9 | 15.4  | 35.1            | 36.0 | 35.6 | 22.1       | 24.2 | 22.7  | 35.1            | 36.0 | 35.6 | 24.9       | 26.9 | 25.7  | 91.2              | 93.0 | 92.4 |
| 25                   | 35.0            | 37.0 | 35.7 | 17.9       | 26.7 | 22.1  | 34.9            | 36.4 | 35.6 | 22.1       | 25.4 | 15.1  | 35.1            | 36.3 | 35.6 | 22.8       | 29.4 | 14.0  | 92.1              | 93.1 | 92.5 |
| 26                   | 34.8            | 36.1 | 35.5 | 26.3       | 30.9 | 29.2  | 34.9            | 36.2 | 35.5 | 23.7       | 30.3 | 29.1  | 34.4            | 36.6 | 35.6 | 20.8       | 32.8 | 26.6  | 91.2              | 92.2 | 92.0 |
| 27                   | 34.9            | 36.0 | 35.5 | 27.5       | 29.7 | 6.9   | 34.9            | 36.3 | 35.5 | 21.4       | 29.5 | 25.2  | 34.9            | 35.9 | 35.6 | 21.6       | 31.0 | 27.1  | 91.2              | 92.4 | 91.6 |
| 28                   | 34.9            | 36.8 | 35.7 | 18.0       | 23.4 | 17.6  | 35.0            | 36.3 | 35.5 | 23.2       | 23.9 | 5.3   | 35.1            | 36.0 | 35.6 | 25.4       | 26.3 | 8.2   | 92.4              | 93.2 | 92.9 |
| 29                   | 34.9            | 37.1 | 35.7 | 19.9       | 23.4 | 22.4  | 35.0            | 36.3 | 35.5 | 20.4       | 25.5 | 8.5   | 34.6            | 36.0 | 35.6 | 21.9       | 24.1 | 7.0   | 91.5              | 92.9 | 92.4 |
| 30                   | 34.9            | 37.3 | 35.6 | 17.4       | 22.6 | 19.4  | 34.8            | 36.6 | 35.5 | 17.0       | 25.5 | 20.6  | 35.0            | 36.1 | 35.6 | 17.8       | 27.9 | 22.0  | 88.8              | 91.5 | 90.3 |
| Monthly Total        |                 |      |      |            |      | 452.1 |                 |      |      |            |      | 495.0 |                 |      |      |            |      | 503.8 |                   |      |      |
| Monthly Min/Max/ Avg | 34.0            | 47.9 | 36.2 | 13.5       | 31.2 |       | 34.5            | 49.0 | 35.9 | 17.0       | 30.3 |       | 33.9            | 39.4 | 35.6 | 17.8       | 34.0 |       | 88.7              | 95.9 | 92.5 |

NOTES: - Each filter has a UV reactor  
 - Transmittance (%) is a grab sample of the filter effluent prior to the UV reactor of a random online filter  
 ' -- ' indicates filter and UV reactor offline

## 1.2.14 Rossdale UV Disinfection - Filters 7 - 9

June 2026

| Filter               | 7               |      |      |            |      |       | 8               |      |      |            |      |       | 9               |      |      |            |      |       | Transmittance (%) |      |      |
|----------------------|-----------------|------|------|------------|------|-------|-----------------|------|------|------------|------|-------|-----------------|------|------|------------|------|-------|-------------------|------|------|
| Day                  | Dosage (mJ/cm²) |      |      | Flow (MLD) |      |       | Dosage (mJ/cm²) |      |      | Flow (MLD) |      |       | Dosage (mJ/cm²) |      |      | Flow (MLD) |      |       |                   |      |      |
|                      | Min             | Max  | Avg  | Min        | Max  | Total | Min             | Max  | Avg  | Min        | Max  | Total | Min             | Max  | Avg  | Min        | Max  | Total | Min               | Max  | Avg  |
| 1                    | 34.8            | 45.3 | 38.5 | 20.8       | 30.7 | 7.5   | 35.4            | 41.8 | 38.5 | 22.1       | 24.6 | 20.5  | 37.7            | 47.9 | 43.3 | 22.6       | 26.4 | 23.9  | 95.4              | 95.9 | 95.6 |
| 2                    | 34.8            | 39.5 | 36.4 | 23.6       | 29.3 | 25.2  | --              | --   | --   | --         | --   | --    | 40.8            | 44.4 | 42.0 | 23.3       | 24.9 | 4.4   | 94.8              | 95.8 | 95.2 |
| 3                    | 33.1            | 40.0 | 36.2 | 21.4       | 27.7 | 24.8  | 32.7            | 40.5 | 35.7 | 20.7       | 27.2 | 19.7  | --              | --   | --   | --         | --   | --    | 94.0              | 95.2 | 94.9 |
| 4                    | 35.1            | 36.0 | 35.6 | 20.6       | 26.0 | 4.9   | 34.5            | 36.0 | 35.6 | 21.9       | 23.7 | 23.1  | 34.1            | 38.2 | 35.5 | 20.7       | 22.3 | 20.4  | 91.7              | 94.0 | 92.4 |
| 5                    | 34.8            | 36.1 | 35.6 | 23.6       | 26.2 | 24.9  | 34.8            | 36.0 | 35.5 | 22.1       | 23.0 | 9.5   | 34.2            | 36.3 | 35.5 | 20.7       | 21.9 | 21.3  | 91.4              | 92.1 | 91.5 |
| 6                    | 35.0            | 36.1 | 35.6 | 23.9       | 26.4 | 25.1  | --              | --   | --   | --         | --   | --    | 34.3            | 36.2 | 35.5 | 20.9       | 26.8 | 18.0  | 92.1              | 92.4 | 92.3 |
| 7                    | 35.0            | 36.2 | 35.6 | 24.1       | 25.8 | 14.3  | 35.1            | 36.2 | 35.6 | 20.7       | 27.0 | 12.3  | --              | --   | --   | --         | --   | --    | 91.1              | 92.5 | 92.0 |
| 8                    | 35.2            | 36.1 | 35.6 | 21.7       | 27.2 | 6.3   | 35.1            | 36.3 | 35.6 | 25.3       | 27.0 | 26.3  | 34.2            | 36.4 | 35.5 | 22.2       | 27.6 | 24.4  | 92.1              | 92.6 | 92.1 |
| 9                    | 34.5            | 36.1 | 35.6 | 19.7       | 26.3 | 19.9  | 35.0            | 36.0 | 35.6 | 25.4       | 31.4 | 27.9  | 27.1            | 36.3 | 35.5 | 23.5       | 29.6 | 24.9  | 92.2              | 92.6 | 92.5 |
| 10                   | 35.2            | 36.2 | 35.6 | 20.0       | 25.6 | 23.3  | 35.0            | 36.0 | 35.6 | 20.3       | 29.5 | 23.5  | 34.0            | 36.3 | 35.5 | 22.6       | 24.7 | 23.5  | 91.0              | 92.2 | 91.5 |
| 11                   | 35.0            | 36.1 | 35.6 | 23.5       | 24.8 | 17.1  | 35.0            | 36.1 | 35.6 | 20.3       | 26.7 | 25.1  | 35.0            | 36.1 | 34.7 | 21.6       | 27.4 | 7.5   | 91.4              | 92.2 | 91.7 |
| 12                   | 35.0            | 36.2 | 35.6 | 20.2       | 26.4 | 21.8  | 35.0            | 36.1 | 35.6 | 24.7       | 26.5 | 25.6  | 34.5            | 36.1 | 35.5 | 24.3       | 26.2 | 25.1  | 92.2              | 92.8 | 92.5 |
| 13                   | 34.7            | 36.1 | 35.6 | 24.9       | 26.0 | 25.5  | 33.9            | 36.1 | 35.6 | 24.7       | 25.9 | 16.8  | 34.3            | 36.2 | 35.5 | 24.4       | 25.6 | 24.9  | 92.6              | 92.8 | 92.7 |
| 14                   | 34.5            | 36.2 | 35.6 | 24.4       | 26.1 | 25.3  | --              | --   | --   | --         | --   | --    | 34.6            | 36.0 | 35.5 | 23.9       | 25.7 | 6.3   | 91.8              | 92.8 | 92.4 |
| 15                   | 34.9            | 37.0 | 35.6 | 22.6       | 26.2 | 4.7   | 33.6            | 37.0 | 35.6 | 20.5       | 32.3 | 26.0  | 33.4            | 36.2 | 35.5 | 22.0       | 27.6 | 12.0  | 91.9              | 92.0 | 92.0 |
| 16                   | 35.2            | 35.9 | 35.6 | 25.4       | 26.8 | 3.6   | 35.0            | 36.1 | 35.6 | 29.1       | 32.1 | 30.5  | 34.6            | 36.3 | 35.5 | 22.4       | 24.3 | 23.6  | 91.8              | 92.6 | 92.2 |
| 17                   | 34.4            | 36.1 | 35.6 | 23.2       | 30.9 | 26.9  | 34.9            | 36.1 | 35.6 | 22.3       | 31.3 | 27.2  | 33.9            | 36.3 | 35.5 | 20.8       | 23.7 | 22.5  | 92.5              | 93.7 | 93.2 |
| 18                   | 35.0            | 36.2 | 35.6 | 23.1       | 24.4 | 23.9  | 35.1            | 36.0 | 35.6 | 22.9       | 23.3 | 1.9   | 33.9            | 36.1 | 35.5 | 21.8       | 23.1 | 13.9  | 93.5              | 94.0 | 93.7 |
| 19                   | 35.1            | 36.1 | 35.6 | 22.5       | 24.1 | 11.4  | 35.2            | 35.9 | 35.6 | 27.1       | 27.7 | 1.8   | --              | --   | --   | --         | --   | --    | 93.4              | 94.0 | 93.8 |
| 20                   | 35.2            | 36.1 | 35.6 | 21.1       | 21.6 | 2.3   | 35.0            | 36.0 | 35.6 | 25.7       | 27.3 | 26.2  | 34.1            | 36.3 | 35.5 | 21.5       | 22.3 | 17.6  | 92.9              | 93.4 | 93.1 |
| 21                   | 34.8            | 36.1 | 35.6 | 21.1       | 27.0 | 24.5  | 35.1            | 36.1 | 35.6 | 24.5       | 26.8 | 25.4  | 34.1            | 36.1 | 35.5 | 20.7       | 22.5 | 21.4  | 92.8              | 93.3 | 93.0 |
| 22                   | 34.1            | 36.2 | 35.6 | 22.7       | 26.1 | 23.9  | 35.1            | 36.0 | 35.6 | 24.6       | 25.4 | 3.8   | 34.5            | 36.3 | 35.5 | 20.6       | 21.5 | 7.5   | 89.7              | 93.2 | 91.8 |
| 23                   | 34.2            | 36.0 | 35.2 | 22.6       | 24.1 | 8.3   | 35.3            | 36.1 | 35.7 | 15.5       | 21.6 | 10.5  | 35.2            | 36.1 | 35.6 | 16.6       | 17.3 | 8.9   | 88.7              | 91.2 | 89.6 |
| 24                   | 35.2            | 36.0 | 35.6 | 20.3       | 21.7 | 5.5   | 35.1            | 36.0 | 35.6 | 20.2       | 21.8 | 21.0  | 35.2            | 36.5 | 35.7 | 16.1       | 17.4 | 16.8  | 91.2              | 93.0 | 92.4 |
| 25                   | 35.0            | 36.1 | 35.6 | 20.3       | 27.0 | 24.6  | 34.3            | 38.2 | 35.6 | 20.3       | 36.8 | 26.1  | 34.6            | 36.6 | 35.6 | 16.2       | 31.2 | 25.6  | 92.1              | 93.1 | 92.5 |
| 26                   | 32.6            | 36.1 | 34.9 | 25.0       | 33.5 | 28.7  | 34.7            | 37.1 | 35.6 | 17.3       | 34.6 | 13.9  | 34.9            | 36.1 | 35.6 | 22.6       | 33.9 | 17.2  | 91.2              | 92.2 | 92.0 |
| 27                   | 33.5            | 35.9 | 34.8 | 26.5       | 29.1 | 8.4   | 32.3            | 36.1 | 35.6 | 22.2       | 26.7 | 24.7  | 34.9            | 36.4 | 35.5 | 21.6       | 27.5 | 25.4  | 91.2              | 92.4 | 91.6 |
| 28                   | --              | --   | --   | --         | --   | --    | 34.2            | 38.1 | 35.6 | 23.4       | 31.7 | 27.7  | 34.9            | 36.2 | 35.5 | 26.1       | 27.6 | 27.0  | 92.4              | 93.2 | 92.9 |
| 29                   | 34.7            | 36.0 | 35.5 | 21.2       | 27.0 | 10.2  | 35.0            | 37.8 | 35.6 | 24.4       | 29.9 | 18.1  | 34.9            | 36.3 | 35.5 | 26.2       | 27.7 | 18.5  | 91.5              | 92.9 | 92.4 |
| 30                   | 32.6            | 36.1 | 35.4 | 17.4       | 26.4 | 20.4  | 34.5            | 36.0 | 35.5 | 18.0       | 19.6 | 8.3   | --              | --   | --   | --         | --   | --    | 88.8              | 91.5 | 90.3 |
| Monthly Total        |                 |      |      |            |      | 493.2 |                 |      |      |            |      | 523.2 |                 |      |      |            |      | 482.5 |                   |      |      |
| Monthly Min/Max/ Avg | 32.6            | 45.3 | 35.7 | 17.4       | 33.5 |       | 32.3            | 41.8 | 35.7 | 15.5       | 36.8 |       | 27.1            | 47.9 | 36.1 | 16.1       | 33.9 |       | 88.7              | 95.9 | 92.5 |

NOTES: - Each filter has a UV reactor  
 - Transmittance (%) is a grab sample of the filter effluent prior to the UV reactor of a random online filter  
 ' -- ' indicates filter and UV reactor offline

## 1.2.15 E.L. Smith UV Disinfection - UV Reactors 1 - 4

June 2026

| Filter              | 1               |       |      |            |       |         | 2               |      |      |            |       |         | 3               |      |      |            |       |         | 4               |      |      |            |      |         | Transmittance (%) |      |      |      |
|---------------------|-----------------|-------|------|------------|-------|---------|-----------------|------|------|------------|-------|---------|-----------------|------|------|------------|-------|---------|-----------------|------|------|------------|------|---------|-------------------|------|------|------|
| Day                 | Dosage (mJ/cm²) |       |      | Flow (MLD) |       |         | Dosage (mJ/cm²) |      |      | Flow (MLD) |       |         | Dosage (mJ/cm²) |      |      | Flow (MLD) |       |         | Dosage (mJ/cm²) |      |      | Flow (MLD) |      |         | Min               | Max  | Avg  |      |
|                     | Min             | Max   | Avg  | Min        | Max   | Total   | Min             | Max  | Avg  | Min        | Max   | Total   | Min             | Max  | Avg  | Min        | Max   | Total   | Min             | Max  | Avg  | Min        | Max  | Total   |                   |      |      |      |
| 1                   | 76.6            | 100.8 | 86.9 | 61.4       | 94.2  | 81.2    | 45.9            | 90.4 | 61.9 | 52.8       | 78.7  | 67.4    | 45.3            | 85.6 | 59.5 | 63.4       | 93.1  | 80.6    | --              | --   | --   | --         | --   | --      | 95.1              | 95.8 | 95.4 |      |
| 2                   | 72.7            | 85.5  | 81.2 | 75.7       | 103.1 | 91.1    | 82.4            | 98.3 | 91.0 | 66.4       | 84.2  | 74.7    | 47.4            | 50.8 | 49.7 | 77.3       | 91.9  | 87.6    | 48.5            | 49.6 | 49.3 | 54.5       | 79.9 | 52.5    | 95.1              | 96.2 | 95.6 |      |
| 3                   | 60.5            | 79.4  | 67.4 | 68.2       | 143.5 | 89.1    | 58.8            | 82.6 | 72.3 | 90.6       | 100.5 | 76.6    | 65.9            | 86.9 | 76.4 | 66.8       | 75.9  | 31.8    | 49.2            | 49.5 | 49.4 | 65.1       | 91.0 | 78.0    | 92.6              | 96.2 | 94.4 |      |
| 4                   | 55.6            | 65.7  | 60.3 | 60.3       | 78.5  | 71.8    | 53.8            | 67.8 | 60.2 | 56.6       | 72.8  | 66.4    | 59.1            | 68.1 | 64.1 | 60.2       | 75.4  | 69.6    | 49.1            | 49.5 | 49.4 | 60.6       | 69.7 | 65.5    | 91.9              | 92.9 | 92.4 |      |
| 5                   | 60.4            | 67.3  | 63.7 | 62.8       | 75.4  | 70.4    | 60.7            | 68.2 | 64.6 | 58.0       | 69.5  | 64.9    | 63.9            | 73.1 | 67.9 | 60.2       | 72.7  | 67.9    | 49.2            | 49.5 | 49.4 | 60.2       | 67.1 | 64.2    | 92.3              | 92.7 | 92.6 |      |
| 6                   | 59.2            | 76.3  | 66.4 | 56.8       | 80.3  | 70.8    | 59.5            | 76.9 | 67.4 | 51.4       | 73.7  | 65.3    | 62.8            | 76.4 | 69.8 | 54.9       | 76.6  | 68.6    | 49.0            | 49.5 | 49.4 | 56.9       | 70.6 | 64.7    | 92.4              | 92.9 | 92.7 |      |
| 7                   | 55.9            | 65.0  | 60.0 | 56.9       | 80.1  | 68.2    | 57.5            | 65.6 | 60.8 | 52.6       | 73.4  | 63.1    | 60.5            | 67.7 | 63.3 | 55.6       | 76.4  | 65.8    | 49.1            | 49.5 | 49.3 | 54.7       | 70.9 | 62.6    | 91.6              | 92.4 | 92.0 |      |
| 8                   | 53.3            | 61.7  | 56.5 | 58.4       | 74.9  | 69.4    | 54.5            | 61.5 | 57.3 | 55.1       | 68.9  | 64.1    | 57.4            | 66.0 | 60.1 | 58.8       | 71.9  | 67.3    | 49.0            | 49.5 | 49.3 | 58.4       | 66.1 | 63.5    | 91.6              | 91.8 | 91.7 |      |
| 9                   | 47.4            | 59.0  | 53.8 | 62.8       | 79.3  | 72.9    | 49.1            | 59.5 | 54.5 | 57.3       | 73.1  | 67.2    | 50.8            | 61.8 | 57.1 | 60.5       | 75.8  | 70.4    | 49.1            | 49.5 | 49.3 | 62.2       | 70.3 | 66.7    | 91.7              | 92.5 | 92.1 |      |
| 10                  | 45.1            | 84.7  | 61.5 | 64.7       | 97.7  | 75.1    | 45.2            | 77.5 | 50.4 | 62.3       | 73.4  | 66.6    | 45.8            | 68.6 | 52.8 | 64.2       | 102.3 | 73.8    | 49.1            | 49.6 | 49.3 | 65.7       | 75.1 | 70.2    | 90.9              | 92.5 | 91.3 |      |
| 11                  | 50.8            | 57.7  | 53.1 | 63.8       | 76.8  | 72.2    | 48.7            | 55.1 | 51.7 | 61.8       | 75.5  | 69.3    | 54.0            | 61.8 | 56.3 | 64.4       | 78.2  | 72.8    | 49.3            | 49.6 | 49.4 | 65.7       | 72.2 | 70.4    | 91.1              | 92.1 | 91.4 |      |
| 12                  | 52.4            | 60.4  | 54.5 | 60.9       | 77.1  | 69.2    | 50.0            | 55.3 | 52.6 | 58.8       | 74.5  | 66.8    | 54.4            | 60.4 | 57.4 | 61.9       | 77.7  | 69.9    | 49.1            | 49.6 | 49.4 | 62.5       | 71.7 | 67.9    | 91.2              | 92.1 | 91.5 |      |
| 13                  | 54.1            | 60.1  | 56.7 | 59.5       | 72.4  | 67.5    | 53.2            | 60.2 | 55.4 | 58.0       | 69.5  | 64.8    | 58.0            | 66.4 | 60.3 | 61.1       | 72.2  | 68.0    | 49.1            | 49.6 | 49.3 | 60.5       | 67.6 | 65.8    | 91.5              | 91.7 | 91.6 |      |
| 14                  | 51.6            | 57.9  | 54.4 | 58.3       | 71.4  | 67.5    | 51.1            | 58.1 | 52.8 | 56.1       | 69.4  | 64.8    | 55.5            | 61.4 | 57.8 | 60.7       | 71.5  | 68.0    | 49.1            | 49.6 | 49.3 | 63.0       | 68.5 | 65.8    | 91.0              | 91.6 | 91.3 |      |
| 15                  | 50.6            | 57.9  | 53.9 | 59.0       | 76.5  | 70.3    | 47.5            | 58.0 | 52.5 | 57.2       | 73.8  | 67.6    | 53.3            | 62.1 | 56.9 | 61.4       | 76.8  | 71.2    | 49.0            | 49.5 | 49.3 | 61.8       | 73.7 | 68.8    | 91.3              | 91.5 | 91.4 |      |
| 16                  | 51.0            | 60.9  | 54.8 | 64.5       | 76.5  | 72.4    | 50.0            | 57.6 | 53.4 | 61.1       | 74.3  | 69.3    | 55.1            | 60.9 | 58.1 | 64.9       | 77.3  | 72.7    | 49.2            | 49.5 | 49.4 | 66.1       | 72.5 | 70.5    | 91.4              | 91.9 | 91.6 |      |
| 17                  | 52.2            | 67.2  | 58.2 | 58.6       | 76.4  | 69.1    | 51.9            | 63.4 | 56.2 | 55.9       | 74.2  | 66.5    | 55.9            | 67.4 | 61.3 | 59.4       | 76.9  | 69.8    | 49.1            | 49.6 | 49.3 | 61.7       | 74.5 | 67.7    | 91.6              | 92.2 | 91.8 |      |
| 18                  | 47.2            | 65.6  | 58.6 | 59.2       | 94.8  | 73.5    | 58.9            | 89.5 | 67.5 | 56.4       | 68.6  | 47.1    | 52.7            | 70.5 | 62.2 | 60.8       | 93.5  | 74.4    | 48.9            | 49.6 | 49.3 | 58.8       | 87.5 | 69.9    | 91.9              | 92.2 | 92.1 |      |
| 19                  | 63.3            | 71.2  | 67.0 | 56.4       | 71.4  | 66.6    | 68.8            | 78.0 | 72.6 | 51.7       | 66.8  | 61.2    | 65.2            | 73.4 | 69.2 | 59.1       | 74.5  | 69.7    | 49.0            | 49.6 | 49.3 | 56.4       | 65.2 | 62.0    | 92.1              | 92.5 | 92.3 |      |
| 20                  | 60.6            | 67.3  | 63.3 | 58.8       | 74.5  | 68.0    | 65.6            | 71.6 | 68.1 | 54.9       | 67.7  | 62.7    | 63.1            | 69.0 | 65.5 | 62.6       | 75.6  | 71.1    | 49.1            | 49.5 | 49.3 | 58.5       | 67.2 | 63.7    | 92.2              | 92.5 | 92.4 |      |
| 21                  | 65.0            | 102.0 | 78.7 | 55.8       | 72.6  | 62.1    | 54.7            | 94.0 | 81.1 | 46.1       | 96.7  | 60.6    | 57.4            | 88.5 | 77.2 | 52.4       | 98.4  | 68.7    | 49.1            | 49.5 | 49.3 | 54.6       | 87.7 | 61.4    | 92.5              | 93.6 | 93.0 |      |
| 22                  | 47.2            | 79.4  | 65.7 | 47.6       | 67.3  | 59.9    | 44.4            | 78.6 | 60.8 | 45.4       | 62.0  | 55.3    | 47.5            | 77.9 | 65.3 | 51.8       | 69.8  | 62.8    | 49.2            | 49.6 | 49.4 | 48.3       | 61.4 | 56.5    | 89.0              | 93.6 | 91.0 |      |
| 23                  | 49.8            | 84.7  | 69.0 | 48.9       | 64.3  | 59.0    | 45.6            | 81.6 | 66.8 | 44.6       | 58.5  | 54.1    | 45.8            | 85.0 | 63.4 | 46.9       | 65.6  | 57.7    | 49.2            | 49.7 | 49.4 | 47.8       | 57.6 | 54.9    | 89.3              | 91.0 | 90.2 |      |
| 24                  | 50.3            | 69.2  | 59.3 | 52.0       | 72.9  | 64.0    | 51.1            | 70.8 | 60.4 | 47.2       | 66.9  | 59.3    | 54.6            | 74.3 | 63.8 | 49.4       | 70.9  | 62.5    | 49.2            | 49.6 | 49.4 | 49.5       | 66.3 | 60.3    | 91.0              | 92.5 | 91.7 |      |
| 25                  | 49.9            | 65.3  | 55.0 | 61.2       | 84.4  | 75.1    | 51.6            | 62.6 | 56.4 | 57.5       | 78.1  | 69.3    | 55.2            | 67.6 | 59.3 | 60.1       | 81.9  | 72.9    | 49.0            | 49.6 | 49.4 | 63.5       | 77.4 | 70.3    | 91.1              | 92.3 | 91.7 |      |
| 26                  | 48.4            | 58.2  | 54.2 | 68.4       | 92.1  | 82.5    | 50.7            | 64.9 | 56.9 | 63.4       | 85.3  | 76.1    | 52.5            | 66.2 | 58.6 | 68.6       | 88.9  | 80.3    | 49.2            | 49.5 | 49.4 | 67.4       | 83.5 | 77.0    | 91.1              | 92.9 | 92.2 |      |
| 27                  | 48.7            | 70.0  | 59.4 | 61.5       | 87.9  | 73.4    | 51.6            | 71.3 | 63.3 | 57.2       | 81.3  | 67.7    | 52.6            | 73.3 | 63.5 | 59.2       | 84.7  | 71.2    | 49.1            | 49.5 | 49.3 | 59.6       | 80.2 | 68.6    | 91.9              | 92.4 | 92.1 |      |
| 28                  | 55.2            | 67.2  | 61.3 | 51.7       | 74.1  | 62.2    | 58.9            | 74.7 | 65.8 | 47.5       | 68.1  | 57.5    | 57.7            | 75.7 | 65.5 | 50.5       | 71.4  | 60.7    | 49.1            | 49.8 | 49.3 | 51.1       | 67.2 | 58.3    | 91.5              | 92.4 | 91.9 |      |
| 29                  | 55.4            | 72.8  | 64.0 | 49.6       | 67.6  | 59.9    | 58.2            | 76.5 | 67.7 | 46.7       | 62.8  | 55.1    | 60.0            | 79.0 | 68.8 | 49.5       | 65.7  | 58.1    | 49.1            | 49.5 | 49.3 | 50.8       | 61.1 | 55.8    | 91.2              | 92.7 | 91.8 |      |
| 30                  | 45.6            | 65.1  | 50.9 | 48.7       | 68.9  | 63.9    | 49.5            | 68.4 | 55.3 | 45.3       | 64.1  | 58.8    | 49.2            | 70.3 | 54.7 | 47.8       | 66.8  | 62.1    | 49.2            | 49.5 | 49.4 | 53.2       | 62.6 | 59.4    | 90.4              | 92.7 | 91.0 |      |
| Monthly Total       |                 |       |      |            |       | 2,118.1 |                 |      |      |            |       | 1,930.1 |                 |      |      |            |       | 2,048.1 |                 |      |      |            |      | 1,882.8 |                   |      |      |      |
| Monthly Min/Max/Avg | 45.1            | 102.0 | 61.7 | 47.6       | 143.5 |         | 44.4            | 98.3 | 61.9 | 44.6       | 100.5 |         | 45.3            | 88.5 | 62.2 | 46.9       | 102.3 |         | 48.5            | 49.8 | 49.4 | 47.8       | 91.0 |         |                   | 89.0 | 96.2 | 92.1 |

NOTES: ' -- ' indicates UV reactor offline

- Transmittance (%) is a grab sample of the combined filter effluent prior to the UV reactor

## 1.2.16 Log Removal

June 2026

| Day                    | Rossdale    |      |      |       |     |     |                 |     |     | E.L. Smith  |     |     |       |     |     |                 |     |     |
|------------------------|-------------|------|------|-------|-----|-----|-----------------|-----|-----|-------------|-----|-----|-------|-----|-----|-----------------|-----|-----|
|                        | Log Removal |      |      |       |     |     |                 |     |     | Log Removal |     |     |       |     |     |                 |     |     |
|                        | Giardia     |      |      | Virus |     |     | Cryptosporidium |     |     | Giardia     |     |     | Virus |     |     | Cryptosporidium |     |     |
|                        | Min         | Max  | Avg  | Min   | Max | Avg | Min             | Max | Avg | Min         | Max | Avg | Min   | Max | Avg | Min             | Max | Avg |
| 1                      | 9.6         | 11.0 | 10.4 | 24    | 38  | 32  | 7.0             | 7.0 | 7.0 | 7.4         | 7.5 | 7.4 | 16    | 22  | 19  | 7.0             | 7.0 | 7.0 |
| 2                      | 9.4         | 9.8  | 9.6  | 24    | 27  | 25  | 7.0             | 7.0 | 7.0 | 7.3         | 7.5 | 7.4 | 15    | 20  | 17  | 7.0             | 7.0 | 7.0 |
| 3                      | 9.4         | 9.8  | 9.6  | 24    | 29  | 26  | 7.0             | 7.0 | 7.0 | 7.3         | 7.4 | 7.4 | 14    | 17  | 15  | 7.0             | 7.0 | 7.0 |
| 4                      | 9.6         | 10.2 | 9.9  | 24    | 28  | 26  | 7.0             | 7.0 | 7.0 | 7.3         | 7.4 | 7.3 | 14    | 16  | 14  | 7.0             | 7.0 | 7.0 |
| 5                      | 10.1        | 11.0 | 10.5 | 26    | 28  | 27  | 6.9             | 7.0 | 7.0 | 7.3         | 7.5 | 7.4 | 14    | 19  | 16  | 7.0             | 7.0 | 7.0 |
| 6                      | 10.3        | 11.1 | 10.6 | 25    | 27  | 26  | 7.0             | 7.0 | 7.0 | 7.3         | 7.4 | 7.4 | 16    | 18  | 17  | 7.0             | 7.0 | 7.0 |
| 7                      | 10.4        | 11.0 | 10.8 | 26    | 30  | 28  | 7.0             | 7.0 | 7.0 | 7.4         | 7.5 | 7.4 | 16    | 19  | 18  | 7.0             | 7.0 | 7.0 |
| 8                      | 10.7        | 10.9 | 10.8 | 27    | 31  | 29  | 7.0             | 7.0 | 7.0 | 7.4         | 7.5 | 7.4 | 16    | 20  | 19  | 7.0             | 7.0 | 7.0 |
| 9                      | 10.3        | 10.9 | 10.6 | 26    | 30  | 29  | 7.0             | 7.0 | 7.0 | 7.4         | 7.4 | 7.4 | 17    | 20  | 18  | 7.0             | 7.0 | 7.0 |
| 10                     | 10.2        | 10.6 | 10.4 | 27    | 32  | 29  | 7.0             | 7.0 | 7.0 | 7.3         | 7.4 | 7.4 | 16    | 19  | 17  | 7.0             | 7.0 | 7.0 |
| 11                     | 10.4        | 10.8 | 10.7 | 29    | 31  | 30  | 6.6             | 7.0 | 7.0 | 7.4         | 7.4 | 7.4 | 15    | 18  | 16  | 7.0             | 7.0 | 7.0 |
| 12                     | 10.5        | 11.2 | 10.8 | 28    | 31  | 29  | 7.0             | 7.0 | 7.0 | 7.4         | 7.5 | 7.4 | 16    | 20  | 17  | 7.0             | 7.0 | 7.0 |
| 13                     | 10.6        | 11.3 | 10.9 | 28    | 29  | 28  | 7.0             | 7.0 | 7.0 | 7.3         | 7.4 | 7.4 | 15    | 18  | 16  | 7.0             | 7.0 | 7.0 |
| 14                     | 10.8        | 11.3 | 11.1 | 25    | 28  | 27  | 7.0             | 7.0 | 7.0 | 7.4         | 7.5 | 7.4 | 16    | 20  | 18  | 7.0             | 7.0 | 7.0 |
| 15                     | 11.1        | 11.4 | 11.3 | 27    | 29  | 28  | 7.0             | 7.0 | 7.0 | 7.4         | 7.5 | 7.4 | 18    | 21  | 19  | 7.0             | 7.0 | 7.0 |
| 16                     | 11.1        | 11.8 | 11.5 | 28    | 30  | 29  | 7.0             | 7.0 | 7.0 | 7.4         | 7.5 | 7.4 | 17    | 21  | 19  | 7.0             | 7.0 | 7.0 |
| 17                     | 11.1        | 11.7 | 11.5 | 28    | 33  | 31  | 7.0             | 7.0 | 7.0 | 7.4         | 7.5 | 7.4 | 18    | 20  | 19  | 7.0             | 7.0 | 7.0 |
| 18                     | 11.2        | 11.7 | 11.5 | 32    | 33  | 32  | 7.0             | 7.0 | 7.0 | 7.4         | 7.5 | 7.4 | 18    | 20  | 19  | 7.0             | 7.0 | 7.0 |
| 19                     | 11.0        | 11.9 | 11.3 | 31    | 33  | 32  | 7.0             | 7.0 | 7.0 | 7.4         | 7.5 | 7.4 | 16    | 21  | 19  | 7.0             | 7.0 | 7.0 |
| 20                     | 11.0        | 11.2 | 11.1 | 32    | 35  | 34  | 7.0             | 7.0 | 7.0 | 7.4         | 7.5 | 7.4 | 17    | 21  | 18  | 7.0             | 7.0 | 7.0 |
| 21                     | 10.8        | 12.2 | 11.4 | 29    | 35  | 32  | 7.0             | 7.0 | 7.0 | 7.3         | 7.5 | 7.4 | 16    | 21  | 18  | 7.0             | 7.0 | 7.0 |
| 22                     | 11.6        | 12.3 | 11.9 | 25    | 35  | 30  | 7.0             | 7.0 | 7.0 | 7.3         | 7.5 | 7.4 | 15    | 20  | 17  | 7.0             | 7.0 | 7.0 |
| 23                     | 11.8        | 12.4 | 12.1 | 25    | 30  | 28  | 7.0             | 7.0 | 7.0 | 7.3         | 7.5 | 7.4 | 16    | 21  | 18  | 7.0             | 7.0 | 7.0 |
| 24                     | 11.7        | 12.5 | 12.1 | 29    | 33  | 30  | 7.0             | 7.0 | 7.0 | 7.4         | 7.5 | 7.4 | 16    | 21  | 18  | 7.0             | 7.0 | 7.0 |
| 25                     | 11.0        | 12.7 | 12.1 | 30    | 35  | 33  | 6.2             | 7.0 | 7.0 | 7.4         | 7.5 | 7.4 | 17    | 20  | 19  | 7.0             | 7.0 | 7.0 |
| 26                     | 10.7        | 11.9 | 11.3 | 26    | 34  | 30  | 7.0             | 7.0 | 7.0 | 7.4         | 7.5 | 7.5 | 19    | 22  | 20  | 7.0             | 7.0 | 7.0 |
| 27                     | 11.3        | 13.2 | 12.3 | 31    | 42  | 36  | 7.0             | 7.0 | 7.0 | 7.4         | 7.5 | 7.5 | 19    | 21  | 20  | 7.0             | 7.0 | 7.0 |
| 28                     | 12.3        | 13.0 | 12.7 | 33    | 37  | 35  | 7.0             | 7.0 | 7.0 | 7.4         | 7.5 | 7.5 | 19    | 22  | 20  | 7.0             | 7.0 | 7.0 |
| 29                     | 12.2        | 13.7 | 12.8 | 32    | 37  | 34  | 7.0             | 7.0 | 7.0 | 7.5         | 7.6 | 7.5 | 20    | 24  | 21  | 7.0             | 7.0 | 7.0 |
| 30                     | 13.1        | 14.0 | 13.5 | 31    | 44  | 37  | 7.0             | 7.0 | 7.0 | 7.4         | 7.6 | 7.5 | 18    | 22  | 19  | 7.0             | 7.0 | 7.0 |
| Monthly<br>Min/Max/Avg | 9.4         | 14.0 | 11.2 | 24    | 44  | 30  | 6.2             | 7.0 | 7.0 | 7.3         | 7.6 | 7.4 | 14    | 24  | 18  | 7.0             | 7.0 | 7.0 |

NOTES: ' -- ' indicates plant offline

## 1.2.17 Liquid Alum Chemical Consumption

June 2026

| Day           | Dosage (mg/L) |         |            | Consumption (kg) |         |             |            |
|---------------|---------------|---------|------------|------------------|---------|-------------|------------|
|               | Rossdale      |         | E.L. Smith | Rossdale         |         |             | E.L. Smith |
|               | Plant 1       | Plant 2 |            | Plant 1          | Plant 2 | Plant Total |            |
| 1             | 45.2          | 46.3    | 54.7       | 4,655            | 9,252   | 13,908      | 27,164     |
| 2             | 58.6          | 58.4    | 52.7       | 6,125            | 11,883  | 18,008      | 28,429     |
| 3             | 50.4          | 50.2    | 70.4       | 5,242            | 10,208  | 15,449      | 42,485     |
| 4             | 120           | 120     | 157        | 12,376           | 22,245  | 34,621      | 93,585     |
| 5             | 165           | 165     | 190        | 17,402           | 30,162  | 47,565      | 109,906    |
| 6             | 118           | 118     | 161        | 14,372           | 23,620  | 37,992      | 94,066     |
| 7             | 99.7          | 99.7    | 134        | 12,336           | 20,562  | 32,898      | 75,421     |
| 8             | 94.6          | 94.6    | 107        | 11,705           | 19,509  | 31,214      | 61,888     |
| 9             | 83.5          | 83.6    | 101        | 11,359           | 18,137  | 29,496      | 60,865     |
| 10            | 106           | 106     | 132        | 15,384           | 24,070  | 39,454      | 81,902     |
| 11            | 119           | 119     | 128        | 17,192           | 26,886  | 44,078      | 79,392     |
| 12            | 107           | 107     | 108        | 14,757           | 22,250  | 37,007      | 64,618     |
| 13            | 108           | 108     | 117        | 13,690           | 20,374  | 34,063      | 67,533     |
| 14            | 112           | 112     | 133        | 15,371           | 20,929  | 36,300      | 76,728     |
| 15            | 117           | 117     | 140        | 18,984           | 23,828  | 42,812      | 84,674     |
| 16            | 125           | 125     | 135        | 20,076           | 26,313  | 46,389      | 83,573     |
| 17            | 116           | 116     | 114        | 15,856           | 24,354  | 40,210      | 67,779     |
| 18            | 96.3          | 96.3    | 95.2       | 11,918           | 19,851  | 31,770      | 55,143     |
| 19            | 79.6          | 79.4    | 91.5       | 8,920            | 14,801  | 23,722      | 51,784     |
| 20            | 70.0          | 70.0    | 90.7       | 7,217            | 12,989  | 20,206      | 52,434     |
| 21            | 82.9          | 82.1    | 104        | 8,372            | 13,730  | 22,102      | 57,484     |
| 22            | 251           | 246     | 289        | 28,272           | 39,196  | 67,468      | 149,712    |
| 23            | 314           | 311     | 313        | 37,218           | 53,661  | 90,879      | 154,870    |
| 24            | 253           | 254     | 242        | 34,841           | 51,636  | 86,477      | 134,706    |
| 25            | 182           | 181     | 203        | 29,625           | 41,608  | 71,234      | 127,711    |
| 26            | 143           | 143     | 179        | 29,848           | 38,189  | 68,037      | 123,224    |
| 27            | 144           | 145     | 153        | 22,383           | 32,621  | 55,004      | 93,046     |
| 28            | 151           | 151     | 146        | 16,404           | 28,879  | 45,283      | 75,353     |
| 29            | 214           | 211     | 269        | 24,108           | 40,167  | 64,276      | 134,783    |
| 30            | 236           | 236     | 281        | 26,772           | 41,372  | 68,143      | 149,039    |
| Monthly Total |               |         |            | 512,782          | 783,282 | 1,296,064   | 2,559,297  |
| Monthly Avg   | 132           | 132     | 150        | 17,093           | 26,109  | 43,202      | 85,310     |

NOTES : ' -- ' indicates system offline

- Liquid alum consumption (kg) at 48.5% by weight (solution delivered to sites at a concentration of 48.5%)

- NSF limit for liquid alum is **194 mg/L**

## 1.2.18 Primary Polymer (Magnaflow LT 27AG) Chemical Consumption

June 2026

| Day                  | Dosage (mg/L) |         |            | Consumption (kg) |         |             |            |
|----------------------|---------------|---------|------------|------------------|---------|-------------|------------|
|                      | Rosssdale     |         | E.L. Smith | Rosssdale        |         |             | E.L. Smith |
|                      | Plant 1       | Plant 2 |            | Plant 1          | Plant 2 | Plant Total |            |
| 1                    | 0.30          | 0.31    | 0.17       | 15               | 30      | 45          | 42         |
| 2                    | 0.33          | 0.33    | 0.16       | 17               | 32      | 49          | 42         |
| 3                    | 0.31          | 0.31    | 0.17       | 16               | 30      | 46          | 50         |
| 4                    | 0.34          | 0.34    | 0.21       | 17               | 31      | 48          | 61         |
| 5                    | 0.37          | 0.37    | 0.23       | 19               | 33      | 52          | 64         |
| 6                    | 0.38          | 0.38    | 0.24       | 23               | 37      | 60          | 68         |
| 7                    | 0.35          | 0.35    | 0.24       | 21               | 35      | 56          | 66         |
| 8                    | 0.36          | 0.36    | 0.24       | 21               | 36      | 57          | 68         |
| 9                    | 0.32          | 0.32    | 0.24       | 21               | 34      | 55          | 69         |
| 10                   | 0.39          | 0.39    | 0.26       | 28               | 43      | 71          | 79         |
| 11                   | 0.40          | 0.40    | 0.23       | 28               | 44      | 72          | 68         |
| 12                   | 0.37          | 0.37    | 0.20       | 25               | 37      | 62          | 58         |
| 13                   | 0.35          | 0.35    | 0.21       | 22               | 32      | 54          | 58         |
| 14                   | 0.38          | 0.38    | 0.21       | 25               | 34      | 59          | 59         |
| 15                   | 0.40          | 0.40    | 0.21       | 31               | 39      | 71          | 62         |
| 16                   | 0.40          | 0.40    | 0.24       | 31               | 41      | 72          | 72         |
| 17                   | 0.40          | 0.40    | 0.23       | 26               | 41      | 67          | 67         |
| 18                   | 0.37          | 0.37    | 0.22       | 22               | 37      | 60          | 62         |
| 19                   | 0.35          | 0.35    | 0.22       | 19               | 31      | 50          | 60         |
| 20                   | 0.30          | 0.30    | 0.24       | 15               | 27      | 42          | 67         |
| 21                   | 0.31          | 0.31    | 0.24       | 15               | 25      | 40          | 64         |
| 22                   | 0.42          | 0.41    | 0.29       | 23               | 32      | 54          | 73         |
| 23                   | 0.42          | 0.42    | 0.34       | 24               | 35      | 59          | 82         |
| 24                   | 0.38          | 0.37    | 0.31       | 25               | 37      | 62          | 84         |
| 25                   | 0.40          | 0.40    | 0.29       | 32               | 45      | 76          | 88         |
| 26                   | 0.40          | 0.40    | 0.29       | 41               | 52      | 92          | 98         |
| 27                   | 0.40          | 0.40    | 0.25       | 30               | 44      | 74          | 74         |
| 28                   | 0.40          | 0.40    | 0.25       | 21               | 37      | 58          | 62         |
| 29                   | 0.42          | 0.42    | 0.28       | 23               | 39      | 62          | 69         |
| 30                   | 0.47          | 0.47    | 0.24       | 26               | 40      | 65          | 62         |
| <b>Monthly Total</b> |               |         |            | 700              | 1,089   | 1,789       | 1,998      |
| <b>Monthly Avg</b>   | 0.37          | 0.37    | 0.24       | 23               | 36      | 60          | 67         |

NOTES: ' -- ' indicates system offline or primary polymer not being used

- Primary polymer consumption (kg) at 100% by weight mixed at the sites to required solution
- NSF limit for Magnafloc LT 27AG is **1.00 mg/L**

## 1.2.19 Carbon Chemical Consumption

June 2026

| Day                  | Dosage (mg/L) |         |            | Consumption (kg) |         |             |            |
|----------------------|---------------|---------|------------|------------------|---------|-------------|------------|
|                      | Rossdale      |         | E.L. Smith | Rossdale         |         |             | E.L. Smith |
|                      | Plant 1       | Plant 2 |            | Plant 1          | Plant 2 | Plant Total |            |
| 1                    | --            | --      | --         | --               | --      | --          | --         |
| 2                    | --            | --      | --         | --               | --      | --          | --         |
| 3                    | --            | --      | --         | --               | --      | --          | --         |
| 4                    | --            | --      | 4.30       | --               | --      | --          | 1,238      |
| 5                    | 3.30          | 2.63    | 9.84       | 169              | 233     | 402         | 2,758      |
| 6                    | 10.2          | 9.99    | 7.67       | 604              | 970     | 1,574       | 2,175      |
| 7                    | 10.0          | 10.0    | --         | 600              | 1,004   | 1,604       | --         |
| 8                    | 3.61          | 3.43    | --         | 217              | 343     | 559         | --         |
| 9                    | --            | --      | --         | --               | --      | --          | --         |
| 10                   | --            | --      | --         | --               | --      | --          | --         |
| 11                   | --            | --      | --         | --               | --      | --          | --         |
| 12                   | --            | --      | --         | --               | --      | --          | --         |
| 13                   | --            | --      | --         | --               | --      | --          | --         |
| 14                   | --            | --      | --         | --               | --      | --          | --         |
| 15                   | --            | --      | --         | --               | --      | --          | --         |
| 16                   | --            | --      | --         | --               | --      | --          | --         |
| 17                   | --            | --      | --         | --               | --      | --          | --         |
| 18                   | --            | --      | --         | --               | --      | --          | --         |
| 19                   | --            | --      | --         | --               | --      | --          | --         |
| 20                   | --            | --      | --         | --               | --      | --          | --         |
| 21                   | --            | --      | --         | --               | --      | --          | --         |
| 22                   | 15.3          | 14.6    | 15.9       | 833              | 1,128   | 1,961       | 3,987      |
| 23                   | 36.9          | 37.2    | 33.6       | 2,120            | 3,111   | 5,231       | 8,057      |
| 24                   | 29.5          | 30.1    | 26.6       | 1,969            | 2,974   | 4,943       | 7,168      |
| 25                   | 18.5          | 18.4    | 17.6       | 1,458            | 2,048   | 3,506       | 5,352      |
| 26                   | 7.57          | 8.14    | 7.90       | 767              | 1,052   | 1,819       | 2,636      |
| 27                   | --            | --      | --         | --               | --      | --          | --         |
| 28                   | --            | --      | --         | --               | --      | --          | --         |
| 29                   | 4.28          | 3.80    | 5.17       | 234              | 351     | 585         | 1,258      |
| 30                   | 21.3          | 21.3    | 19.2       | 1,174            | 1,814   | 2,988       | 4,941      |
| <b>Monthly Total</b> |               |         |            | 10,145           | 15,027  | 25,171      | 39,568     |
| <b>Monthly Avg</b>   | 14.6          | 14.5    | 14.8       | 922              | 1,366   | 2,288       | 3,957      |

NOTES: ' -- ' indicates carbon not being used

- Carbon consumption (kg) at 100% by weight (mixed at the sites)
- NSF limit for Carbon is **250 mg/L**

## 1.2.20 Sodium Hypochlorite Chemical Consumption

June 2026

| Day           |               |         |                  |           |             |               |                  |
|---------------|---------------|---------|------------------|-----------|-------------|---------------|------------------|
|               | Rossdale      |         |                  |           |             | E.L. Smith    |                  |
|               | Dosage (mg/L) |         | Consumption (kg) |           |             | Dosage (mg/L) | Consumption (kg) |
|               | Plant 1       | Plant 2 | Plant 1          | Plant 2   | Plant Total |               |                  |
| 1             | 2.80          | 2.92    | 17,481           | 35,420    | 55,315      | 3.38          | 107,280          |
| 2             | 3.04          | 3.06    | 19,301           | 37,797    | 62,246      | 3.55          | 122,112          |
| 3             | 3.09          | 3.09    | 19,461           | 38,064    | 59,706      | 3.50          | 134,883          |
| 4             | 3.34          | 3.31    | 20,882           | 37,204    | 61,668      | 3.66          | 138,868          |
| 5             | 3.41          | 3.35    | 21,834           | 37,119    | 61,563      | 3.63          | 133,743          |
| 6             | 3.25          | 3.27    | 23,957           | 39,701    | 66,643      | 3.59          | 133,927          |
| 7             | 3.30          | 3.24    | 24,735           | 40,438    | 68,560      | 3.67          | 132,063          |
| 8             | 3.26          | 3.20    | 24,428           | 39,934    | 68,420      | 3.68          | 135,691          |
| 9             | 3.15          | 3.15    | 25,978           | 41,449    | 71,212      | 3.63          | 139,887          |
| 10            | 3.14          | 3.14    | 27,616           | 43,166    | 76,240      | 3.66          | 144,691          |
| 11            | 3.07          | 3.07    | 26,837           | 41,967    | 71,999      | 3.60          | 142,769          |
| 12            | 2.93          | 2.93    | 24,581           | 37,014    | 64,615      | 3.68          | 140,072          |
| 13            | 2.93          | 2.93    | 22,595           | 33,585    | 59,463      | 3.71          | 136,907          |
| 14            | 2.95          | 2.95    | 24,445           | 33,435    | 61,118      | 3.81          | 140,727          |
| 15            | 2.99          | 2.98    | 29,317           | 36,646    | 71,044      | 3.72          | 143,345          |
| 16            | 2.95          | 2.95    | 28,712           | 37,604    | 70,267      | 3.69          | 145,890          |
| 17            | 2.94          | 2.94    | 24,293           | 37,459    | 66,124      | 3.71          | 140,827          |
| 18            | 2.95          | 2.95    | 22,125           | 36,860    | 62,344      | 3.61          | 133,477          |
| 19            | 2.93          | 2.93    | 19,923           | 33,109    | 56,871      | 3.73          | 134,762          |
| 20            | 3.01          | 3.00    | 18,830           | 33,749    | 56,886      | 3.75          | 138,486          |
| 21            | 3.13          | 3.10    | 19,156           | 31,438    | 55,435      | 3.69          | 129,949          |
| 22            | 3.44          | 3.29    | 23,415           | 31,748    | 59,565      | 4.43          | 146,219          |
| 23            | 4.15          | 3.75    | 29,783           | 39,245    | 78,058      | 4.68          | 147,509          |
| 24            | 3.62          | 3.47    | 30,212           | 42,769    | 81,655      | 3.82          | 135,609          |
| 25            | 3.40          | 3.24    | 33,447           | 45,135    | 87,991      | 3.92          | 157,191          |
| 26            | 3.28          | 3.18    | 41,532           | 51,369    | 104,606     | 3.90          | 171,416          |
| 27            | 3.19          | 3.04    | 29,921           | 41,355    | 79,167      | 3.93          | 152,570          |
| 28            | 3.00          | 2.85    | 19,737           | 33,002    | 57,335      | 4.06          | 134,139          |
| 29            | 3.01          | 2.98    | 20,597           | 34,369    | 59,166      | 4.02          | 128,570          |
| 30            | 3.50          | 3.33    | 24,091           | 35,325    | 64,863      | 4.26          | 143,998          |
| Monthly Total |               |         | 739,221          | 1,137,476 | 2,020,146   |               | 4,167,578        |
| Monthly Avg   | 3.17          | 3.12    | 24,641           | 37,916    | 67,338      | 3.79          | 138,919          |

NOTES: ' -- ' indicates system offline

- Sodium hypochlorite consumption (kg) at 0.8% by weight (sodium hypochlorite generated onsite at a concentration of 0.8%)
- Plant Total Consumption is the combined addition of Plant 1, Plant 2 and Post Filter Trim.
- NSF limit for Sodium Hypochlorite generated onsite is **10 mg/L**

## 1.2.21 Filter Polymer Chemical Consumption

June 2026

| Day                  | Dosage (mg/L) |            | Consumption (kg) |            |
|----------------------|---------------|------------|------------------|------------|
|                      | Rossdale      | E.L. Smith | Rossdale         | E.L. Smith |
| 1                    | 0.19          | 0.14       | 27               | 34         |
| 2                    | 0.19          | 0.12       | 26               | 33         |
| 3                    | 0.19          | 0.12       | 27               | 35         |
| 4                    | 0.19          | 0.14       | 25               | 40         |
| 5                    | 0.19          | 0.12       | 25               | 33         |
| 6                    | 0.19          | 0.10       | 28               | 28         |
| 7                    | 0.19          | 0.10       | 29               | 27         |
| 8                    | 0.19          | 0.10       | 29               | 28         |
| 9                    | 0.19          | 0.10       | 30               | 29         |
| 10                   | 0.19          | 0.10       | 33               | 30         |
| 11                   | 0.19          | 0.10       | 32               | 30         |
| 12                   | 0.19          | 0.10       | 31               | 29         |
| 13                   | 0.19          | 0.10       | 28               | 28         |
| 14                   | 0.19          | 0.09       | 28               | 24         |
| 15                   | 0.19          | 0.08       | 32               | 23         |
| 16                   | 0.19          | 0.08       | 33               | 24         |
| 17                   | 0.19          | 0.08       | 31               | 22         |
| 18                   | 0.16          | 0.08       | 24               | 22         |
| 19                   | 0.15          | 0.08       | 19               | 22         |
| 20                   | 0.15          | 0.08       | 19               | 22         |
| 21                   | 0.15          | 0.08       | 18               | 21         |
| 22                   | 0.15          | 0.12       | 18               | 29         |
| 23                   | 0.49          | 0.15       | 58               | 37         |
| 24                   | 0.55          | 0.14       | 83               | 39         |
| 25                   | 0.37          | 0.10       | 66               | 32         |
| 26                   | 0.28          | 0.08       | 62               | 27         |
| 27                   | 0.24          | 0.08       | 42               | 22         |
| 28                   | 0.20          | 0.06       | 27               | 15         |
| 29                   | 0.19          | 0.07       | 26               | 16         |
| 30                   | 0.26          | 0.11       | 32               | 29         |
| <b>Monthly Total</b> |               |            | 986              | 833        |
| <b>Monthly Avg</b>   | 0.22          | 0.10       | 33               | 28         |

NOTES: ' -- ' indicates system offline

- Filter polymer consumption (kg) at 100% by weight mixed at the sites to required solution
- NSF limit for Magnafloc LT 7981 is 20 mg/L
- NSF limit for Magnafloc LT 7995 is 25 mg/L

## 1.2.22 LAS Ammonia Chemical Consumption

June 2026

| Day                  | Dosage (mg/L) |            | Consumption (kg) |            |
|----------------------|---------------|------------|------------------|------------|
|                      | Rossdale      | E.L. Smith | Rossdale         | E.L. Smith |
| 1                    | 0.62          | 0.62       | 884              | 1,453      |
| 2                    | 0.62          | 0.63       | 859              | 1,578      |
| 3                    | 0.62          | 0.61       | 875              | 1,719      |
| 4                    | 0.62          | 0.60       | 810              | 1,678      |
| 5                    | 0.62          | 0.60       | 803              | 1,640      |
| 6                    | 0.62          | 0.60       | 914              | 1,651      |
| 7                    | 0.62          | 0.60       | 938              | 1,594      |
| 8                    | 0.62          | 0.60       | 947              | 1,609      |
| 9                    | 0.62          | 0.60       | 1,019            | 1,701      |
| 10                   | 0.62          | 0.60       | 1,070            | 1,753      |
| 11                   | 0.62          | 0.61       | 1,063            | 1,774      |
| 12                   | 0.62          | 0.62       | 1,005            | 1,736      |
| 13                   | 0.62          | 0.62       | 901              | 1,687      |
| 14                   | 0.62          | 0.62       | 916              | 1,686      |
| 15                   | 0.62          | 0.62       | 1,056            | 1,763      |
| 16                   | 0.62          | 0.62       | 1,082            | 1,804      |
| 17                   | 0.62          | 0.62       | 1,002            | 1,732      |
| 18                   | 0.62          | 0.62       | 939              | 1,671      |
| 19                   | 0.62          | 0.62       | 849              | 1,644      |
| 20                   | 0.62          | 0.62       | 849              | 1,684      |
| 21                   | 0.62          | 0.62       | 792              | 1,602      |
| 22                   | 0.62          | 0.63       | 735              | 1,510      |
| 23                   | 0.62          | 0.62       | 758              | 1,433      |
| 24                   | 0.62          | 0.61       | 954              | 1,521      |
| 25                   | 0.62          | 0.61       | 1,123            | 1,793      |
| 26                   | 0.62          | 0.62       | 1,383            | 1,990      |
| 27                   | 0.62          | 0.62       | 1,099            | 1,784      |
| 28                   | 0.65          | 0.62       | 894              | 1,513      |
| 29                   | 0.65          | 0.62       | 892              | 1,451      |
| 30                   | 0.65          | 0.62       | 831              | 1,545      |
| <b>Monthly Total</b> |               |            | 28,243           | 49,698     |
| <b>Monthly Avg</b>   | 0.62          | 0.62       | 941              | 1,657      |

NOTES: ' -- ' indicates system offline

- LAS ammonia consumption (kg) at 100% by weight (solution delivered to sites at a concentration of **41.0%**)

- NSF limit for LAS Ammonia is **16.4 mg/L**

### 1.2.23 Caustic Soda Chemical Consumption

June 2026

| Day           | Dosage (mg/L) |            | Consumption (kg) |            |
|---------------|---------------|------------|------------------|------------|
|               | Rossdale      | E.L. Smith | Rossdale         | E.L. Smith |
| 1             | 5.20          | 11.1       | 1,269            | 5,099      |
| 2             | 5.60          | 10.7       | 1,340            | 5,249      |
| 3             | 8.71          | 13.3       | 2,082            | 7,357      |
| 4             | 11.4          | 33.7       | 2,565            | 18,405     |
| 5             | 24.6          | 44.6       | 5,221            | 23,858     |
| 6             | 26.2          | 41.7       | 6,505            | 22,471     |
| 7             | 19.1          | 34.9       | 4,995            | 18,120     |
| 8             | 15.9          | 28.0       | 4,067            | 14,777     |
| 9             | 15.6          | 25.0       | 4,431            | 13,834     |
| 10            | 16.1          | 32.5       | 4,867            | 18,577     |
| 11            | 22.1          | 33.5       | 6,506            | 19,048     |
| 12            | 22.8          | 28.1       | 6,422            | 15,356     |
| 13            | 20.5          | 29.3       | 5,180            | 15,570     |
| 14            | 20.6          | 33.5       | 5,287            | 17,829     |
| 15            | 23.1          | 36.5       | 6,850            | 20,268     |
| 16            | 24.7          | 36.0       | 7,404            | 20,508     |
| 17            | 24.7          | 30.2       | 6,932            | 16,482     |
| 18            | 20.7          | 23.7       | 5,488            | 12,536     |
| 19            | 16.0          | 22.1       | 3,824            | 11,467     |
| 20            | 11.8          | 21.4       | 2,748            | 11,352     |
| 21            | 11.6          | 24.8       | 2,566            | 12,553     |
| 22            | 26.8          | 59.6       | 5,322            | 27,964     |
| 23            | 55.5          | 70.6       | 11,400           | 31,869     |
| 24            | 56.0          | 60.8       | 14,710           | 29,913     |
| 25            | 46.6          | 52.1       | 14,155           | 29,935     |
| 26            | 33.1          | 47.2       | 12,819           | 29,822     |
| 27            | 29.7          | 43.1       | 9,209            | 24,208     |
| 28            | 30.6          | 36.5       | 7,281            | 17,440     |
| 29            | 36.3          | 59.3       | 8,510            | 27,152     |
| 30            | 47.8          | 64.7       | 10,106           | 31,616     |
| Monthly Total |               |            | 190,059          | 570,634    |
| Monthly Avg   | 24.3          | 36.3       | 6,335            | 19,021     |

NOTES: ' -- ' indicates system offline

- Caustic soda consumption (kg) at 100% by weight (solution delivered to sites at a concentration of 50.0%)
- NSF limit for Caustic Soda is **50 mg/L**

**1.2.24 Fluoride Chemical Consumption**  
**June 2026**

| Day                  | Dosage (mg/L) |            | Consumption (kg) |            |
|----------------------|---------------|------------|------------------|------------|
|                      | Rossdale      | E.L. Smith | Rossdale         | E.L. Smith |
| 1                    | 0.64          | 0.59       | 410              | 621        |
| 2                    | 0.63          | 0.58       | 391              | 659        |
| 3                    | 0.62          | 0.59       | 394              | 750        |
| 4                    | 0.63          | 0.61       | 367              | 766        |
| 5                    | 0.65          | 0.61       | 378              | 752        |
| 6                    | 0.65          | 0.62       | 431              | 767        |
| 7                    | 0.65          | 0.62       | 442              | 740        |
| 8                    | 0.65          | 0.62       | 446              | 753        |
| 9                    | 0.65          | 0.62       | 480              | 789        |
| 10                   | 0.65          | 0.62       | 507              | 813        |
| 11                   | 0.67          | 0.62       | 517              | 810        |
| 12                   | 0.68          | 0.62       | 495              | 780        |
| 13                   | 0.68          | 0.62       | 444              | 758        |
| 14                   | 0.68          | 0.62       | 451              | 757        |
| 15                   | 0.68          | 0.62       | 519              | 791        |
| 16                   | 0.66          | 0.62       | 518              | 810        |
| 17                   | 0.66          | 0.62       | 479              | 777        |
| 18                   | 0.66          | 0.62       | 449              | 755        |
| 19                   | 0.66          | 0.62       | 406              | 739        |
| 20                   | 0.67          | 0.62       | 412              | 756        |
| 21                   | 0.66          | 0.62       | 379              | 723        |
| 22                   | 0.66          | 0.65       | 351              | 702        |
| 23                   | 0.69          | 0.65       | 378              | 673        |
| 24                   | 0.70          | 0.65       | 484              | 734        |
| 25                   | 0.70          | 0.65       | 568              | 857        |
| 26                   | 0.67          | 0.65       | 672              | 942        |
| 27                   | 0.67          | 0.65       | 535              | 838        |
| 28                   | 0.70          | 0.65       | 429              | 712        |
| 29                   | 0.69          | 0.65       | 425              | 683        |
| 30                   | 0.69          | 0.65       | 396              | 729        |
| <b>Monthly Total</b> |               |            | 13,554           | 22,737     |
| <b>Monthly Avg</b>   | 0.66          | 0.63       | 452              | 758        |

NOTES: ' -- ' indicates system offline

- Fluoride consumption (kg) at 100% by weight (solution delivered to sites at a concentration of 21.8%)
- NSF limit for Fluoride is **1.308 mg/L**

## 1.2.25 Sodium Bisulfite (SBS) Chemical Consumption

June 2026

| Day                  | Dosage (mg/L) |            | Consumption (kg) |            | De-chlorinated Waste Stream to Outfall (ML) |            |
|----------------------|---------------|------------|------------------|------------|---------------------------------------------|------------|
|                      | Rossdale      | E.L. Smith | Rossdale         | E.L. Smith | Rossdale                                    | E.L. Smith |
| 1                    | 15.7          | 13.5       | 521              | 1,012      | 13                                          | 21         |
| 2                    | 21.5          | 12.3       | 1,839            | 918        | 33                                          | 21         |
| 3                    | 10.7          | 8.98       | 390              | 641        | 14                                          | 27         |
| 4                    | 12.2          | 12.2       | 521              | 874        | 16                                          | 20         |
| 5                    | 13.7          | 12.4       | 651              | 975        | 18                                          | 22         |
| 6                    | 9.89          | 8.38       | 390              | 522        | 15                                          | 23         |
| 7                    | 9.32          | 12.7       | 362              | 999        | 15                                          | 22         |
| 8                    | 11.9          | 11.8       | 521              | 1,100      | 17                                          | 26         |
| 9                    | 7.93          | 9.08       | 288              | 633        | 14                                          | 27         |
| 10                   | 12.5          | 9.06       | 482              | 654        | 15                                          | 27         |
| 11                   | 13.2          | 11.2       | 563              | 1,077      | 16                                          | 27         |
| 12                   | 11.6          | 11.3       | 480              | 1,051      | 16                                          | 26         |
| 13                   | 13.2          | 10.5       | 589              | 903        | 17                                          | 24         |
| 14                   | 11.3          | 9.95       | 454              | 924        | 15                                          | 26         |
| 15                   | 11.8          | 10.5       | 433              | 970        | 14                                          | 26         |
| 16                   | 12.6          | 17.5       | 464              | 1,246      | 14                                          | 26         |
| 17                   | 12.7          | 10.2       | 457              | 1,056      | 14                                          | 29         |
| 18                   | 9.40          | 7.53       | 356              | 559        | 14                                          | 28         |
| 19                   | 12.8          | 10.1       | 464              | 942        | 14                                          | 26         |
| 20                   | 19.0          | 11.1       | 592              | 1,030      | 12                                          | 26         |
| 21                   | 18.6          | 10.2       | 467              | 1,061      | 9.7                                         | 29         |
| 22                   | 11.7          | 10.2       | 631              | 911        | 21                                          | 25         |
| 23                   | 16.9          | 10.0       | 1,090            | 750        | 25                                          | 21         |
| 24                   | 8.01          | 13.0       | 346              | 1,053      | 17                                          | 31         |
| 25                   | 15.6          | 15.4       | 740              | 1,138      | 18                                          | 28         |
| 26                   | 12.0          | 9.44       | 509              | 911        | 16                                          | 27         |
| 27                   | 18.8          | 10.4       | 855              | 965        | 17                                          | 26         |
| 28                   | 11.0          | 9.73       | 440              | 573        | 15                                          | 22         |
| 29                   | 13.4          | 8.85       | 654              | 543        | 19                                          | 23         |
| 30                   | 11.0          | 11.3       | 469              | 809        | 16                                          | 20         |
| <b>Monthly Total</b> |               |            | 17,018           | 26,799     | 490                                         | 753        |
| <b>Monthly Avg</b>   | 13.0          | 11.0       | 567              | 893        | 16                                          | 25         |

NOTES: ' -- ' indicates plant offline

- Sodium bisulfite consumption (kg) at 38% by weight (solution delivered to sites at a concentration of 38.0%)

## 1.2.26 Rosssdale Waste Stream Data

June 2026

|                       |           | Clarifier Blowdown | Clarifier Washdown * | Backwash Water | Filter To Waste | Bypass | Total     | De-Chlorin'd Waste Stream 3 |      |      | De-Chlorin'd Waste Stream 7 |      |      |
|-----------------------|-----------|--------------------|----------------------|----------------|-----------------|--------|-----------|-----------------------------|------|------|-----------------------------|------|------|
| Volume (ML)           |           | 355                | 0.0                  | 93             | 34              | 16     | 497       | 58.20                       |      |      | 431.57                      |      |      |
| Solids (kg)           | TSS       | 2,812,824          | 0                    | 5,887          |                 |        | 2,818,711 |                             |      |      |                             |      |      |
|                       | Aluminium | 55,928             | 0                    | 2,038          |                 |        | 57,966    |                             |      |      |                             |      |      |
| # of Bypasses         |           |                    |                      |                |                 | 1      |           | Min                         | Max  | Avg  | Min                         | Max  | Avg  |
| pH                    |           |                    |                      |                |                 |        |           | 5.2                         | 7.8  | 7.3  | 6.3                         | 7.5  | 7.0  |
| Total Chlorine (mg/L) |           |                    |                      |                |                 |        |           | 0.00                        | 0.00 | 0.00 | 0.00                        | 0.00 | 0.00 |
| Sulfite (mg/L)        |           |                    |                      |                |                 |        |           | 1.11                        | 20.0 | 5.46 | 0.23                        | 20.0 | 7.93 |

NOTES: \* Estimate value for the waste stream volume and calculated value for the waste stream solids

- Clarifier washdown volume(s) estimated for clarifier cleaning
- LLP flush, HLP cooling are not applicable to the Rosssdale WTP

## 1.2.27 E.L. Smith Waste Stream Data

June 2026

|                       |           | Clarifier Blowdown | Clarifier Washdown * | Backwash Water | Filter To Waste | Bypass | LLP Flush | HLP Cooling | Total   | De-chlorinated Waste flow to |      |      |
|-----------------------|-----------|--------------------|----------------------|----------------|-----------------|--------|-----------|-------------|---------|------------------------------|------|------|
| Volume (ML)           |           | 176                | 13                   | 297            | 111             | 13     | 0.7       | 23          | 632     | 753                          |      |      |
| Solids (kg)           | TSS       | 170,046            | 1,311                | 45,828         |                 |        |           |             | 217,185 |                              |      |      |
|                       | Aluminium | 110,579            | 108                  | 15,864         |                 |        |           |             | 126,551 |                              |      |      |
| # of Bypasses         |           |                    |                      |                |                 | 1      |           |             |         | Min                          | Max  | Avg  |
| pH                    |           |                    |                      |                |                 |        |           |             |         | 6.17                         | 7.99 | 6.78 |
| Total Chlorine (mg/L) |           |                    |                      |                |                 |        |           |             |         | 0.00                         | 0.00 | 0.00 |
| Sulphite (mg/L)       |           |                    |                      |                |                 |        |           |             |         | 0.45                         | 20.0 | 4.25 |

NOTES: \* Estimate value for the waste stream volume and calculated value for the waste stream solids

- Clarifier washdown volume(s) estimated for clarifier cleaning
- Estimated chlorinated waste stream to outfall for dechlorination

## 1.2.28 Demand/Production Statistics

June 2026

| Month    | ROSSDALE ZONE       |                       |                        | E.L.SMITH ZONE      |                       |                        | SYSTEM TOTAL        |                       |                        | RESERVOIR PUMPAGE   |                     |            |
|----------|---------------------|-----------------------|------------------------|---------------------|-----------------------|------------------------|---------------------|-----------------------|------------------------|---------------------|---------------------|------------|
|          | Monthly Prod'n (ML) | Max Daily Prod'n (ML) | Peak Daily Demand (ML) | Monthly Prod'n (ML) | Max Daily Prod'n (ML) | Peak Daily Demand (ML) | Monthly Prod'n (ML) | Max Daily Prod'n (ML) | Peak Daily Demand (ML) | Rosssdale Zone (ML) | E.L.Smith Zone (ML) | Total (ML) |
| JANUARY  | 4,071               | 169                   | 213                    | 7,613               | 276                   | 290                    | 11,684              | 428                   | 384                    | 1,094               | 2,830               | 3,923      |
| FEBRUARY | 3,477               | 162                   | 180                    | 6,861               | 276                   | 307                    | 10,338              | 424                   | 384                    | 868                 | 2,558               | 3,425      |
| MARCH    | 4,039               | 188                   | 168                    | 7,780               | 277                   | 323                    | 11,819              | 461                   | 392                    | 891                 | 2,838               | 3,729      |
| APRIL    | 4,250               | 205                   | 242                    | 7,065               | 267                   | 262                    | 11,315              | 464                   | 395                    | 935                 | 2,855               | 3,790      |
| MAY      | 5,005               | 210                   | 230                    | 8,485               | 324                   | 341                    | 13,490              | 532                   | 522                    | 1,119               | 3,228               | 4,347      |
| JUNE     | 4,289               | 214                   | 189                    | 7,711               | 312                   | 282                    | 11,999              | 526                   | 457                    | 1,008               | 2,883               | 3,891      |

### 2026 - HIGH 5-DAY DEMAND

|             | PLANTS PROD (ML/d) | RES. GAIN / LOSS (%) | RES. GAIN / LOSS (ML) | TOTAL DEMAND (ML) |
|-------------|--------------------|----------------------|-----------------------|-------------------|
| 25-May-2026 | 483                | 0.5                  | 2.9                   | 480               |
| 26-May-2026 | 466                | -4.9                 | -30.6                 | 496               |
| 27-May-2026 | 516                | -0.9                 | -6.0                  | 522               |
| 28-May-2026 | 532                | 3.5                  | 21.9                  | 510               |
| 29-May-2026 | 516                | 7.1                  | 44.6                  | 471               |

AVERAGE: 496

| Year to Date Data               | 2026   | 2025   | % CHANGE |
|---------------------------------|--------|--------|----------|
| TOTAL PRODUCTION TO DATE (ML)   | 70,645 | 70,982 | (0.5)    |
| AVG. DAILY DEMAND TO DATE (ML)  | 390    | 392    | (0.6)    |
| PEAK DAILY DEMAND TO DATE (ML)  | 522    | 520    | 0.3      |
| PEAK HOURLY DEMAND TO DATE (ML) | 663    | 691    | (4.1)    |
| HIGH 5-DAY AVERAGE TO DATE (ML) | 496    | 496    | 0.0      |

Peak daily demand of 522 ML/d occurred on May 27, 2026

Peak hourly demand of 663 ML/d occurred on May 27, 2026 @ 20:00

## 1.2.29 Reservoir Chlorine Residual (mg/L) - Part 1

June 2026

| Reservoir           | Papaschase 1 |      |      | Ormsby |      |      | Clareview Discharge |      |      | Millwoods Discharge |      |      | Kaskitayo |      |      | Discovery Park |      |      |
|---------------------|--------------|------|------|--------|------|------|---------------------|------|------|---------------------|------|------|-----------|------|------|----------------|------|------|
| Day                 | Min          | Max  | Avg  | Min    | Max  | Avg  | Min                 | Max  | Avg  | Min                 | Max  | Avg  | Min       | Max  | Avg  | Min            | Max  | Avg  |
| 1                   | 1.49         | 1.62 | 1.53 | 1.70   | 2.20 | 2.11 | 1.45                | 1.60 | 1.56 | 1.70                | 1.79 | 1.75 | 1.60      | 1.79 | 1.69 | 1.16           | 1.22 | 1.20 |
| 2                   | 1.46         | 1.97 | 1.50 | 1.57   | 2.25 | 2.12 | 1.11                | 1.85 | 1.69 | 1.69                | 1.89 | 1.76 | 1.71      | 1.82 | 1.73 | 1.13           | 1.23 | 1.17 |
| 3                   | 1.45         | 2.03 | 1.55 | 1.73   | 2.21 | 2.11 | 1.37                | 1.83 | 1.58 | 1.73                | 1.83 | 1.77 | 1.74      | 1.82 | 1.76 | 1.11           | 1.20 | 1.16 |
| 4                   | 1.51         | 2.01 | 1.60 | 1.62   | 2.17 | 2.03 | 1.33                | 1.41 | 1.40 | 1.73                | 1.87 | 1.78 | 1.65      | 1.79 | 1.74 | 1.10           | 1.20 | 1.14 |
| 5                   | 1.50         | 2.00 | 1.58 | 1.68   | 2.16 | 2.04 | 1.27                | 1.83 | 1.34 | 1.64                | 1.84 | 1.77 | 1.60      | 1.85 | 1.69 | 1.09           | 1.24 | 1.15 |
| 6                   | 1.47         | 1.98 | 1.61 | 1.72   | 2.16 | 2.06 | --                  | --   | --   | 1.70                | 1.88 | 1.76 | 1.68      | 1.72 | 1.70 | 1.11           | 1.21 | 1.16 |
| 7                   | 1.51         | 1.96 | 1.72 | 1.72   | 2.15 | 2.06 | --                  | --   | --   | 1.53                | 1.87 | 1.74 | 1.55      | 1.70 | 1.67 | 1.08           | 1.19 | 1.14 |
| 8                   | 1.52         | 2.05 | 1.63 | 1.64   | 2.17 | 2.04 | 1.15                | 1.89 | 1.36 | 1.65                | 1.84 | 1.73 | 1.64      | 1.70 | 1.67 | 1.07           | 1.17 | 1.10 |
| 9                   | 1.66         | 2.02 | 1.71 | 1.58   | 2.17 | 2.05 | 1.15                | 1.84 | 1.33 | 1.69                | 1.81 | 1.74 | 1.57      | 1.77 | 1.66 | 1.06           | 1.20 | 1.13 |
| 10                  | 1.69         | 2.00 | 1.71 | 1.59   | 2.15 | 1.97 | --                  | --   | --   | 1.63                | 1.77 | 1.73 | 1.62      | 1.77 | 1.67 | 1.08           | 1.20 | 1.14 |
| 11                  | 1.67         | 1.99 | 1.69 | 1.37   | 2.20 | 1.86 | 1.06                | 1.92 | 1.14 | 1.58                | 1.83 | 1.72 | 1.57      | 1.71 | 1.67 | 1.10           | 1.30 | 1.23 |
| 12                  | 1.60         | 1.98 | 1.66 | 1.33   | 1.81 | 1.60 | 1.09                | 1.79 | 1.16 | 1.68                | 1.87 | 1.74 | 1.61      | 1.71 | 1.67 | 1.19           | 1.30 | 1.23 |
| 13                  | 1.50         | 1.95 | 1.65 | 1.26   | 1.80 | 1.56 | 1.05                | 1.74 | 1.22 | 1.68                | 1.83 | 1.75 | 1.55      | 1.70 | 1.67 | 1.15           | 1.27 | 1.22 |
| 14                  | 1.59         | 1.99 | 1.76 | 1.23   | 1.76 | 1.54 | 1.01                | 1.66 | 1.28 | 1.70                | 1.89 | 1.76 | 1.49      | 1.92 | 1.71 | 1.12           | 1.23 | 1.17 |
| 15                  | 1.50         | 1.94 | 1.68 | --     | --   | --   | 1.24                | 1.38 | 1.32 | 1.69                | 1.82 | 1.76 | 1.67      | 1.81 | 1.70 | 1.07           | 1.18 | 1.13 |
| 16                  | 1.53         | 1.69 | 1.63 | 1.85   | 1.92 | 1.77 | 1.27                | 1.88 | 1.61 | 1.70                | 1.88 | 1.76 | 1.34      | 1.75 | 1.69 | 1.06           | 1.17 | 1.12 |
| 17                  | 1.61         | 1.94 | 1.68 | 1.76   | 1.90 | 1.86 | 1.40                | 1.88 | 1.61 | 1.70                | 1.81 | 1.74 | 1.58      | 1.69 | 1.65 | 1.04           | 1.15 | 1.10 |
| 18                  | 1.49         | 1.83 | 1.62 | 1.76   | 1.89 | 1.83 | 1.46                | 1.84 | 1.56 | 1.65                | 1.78 | 1.70 | 1.56      | 1.69 | 1.64 | 1.02           | 1.14 | 1.08 |
| 19                  | 1.44         | 1.82 | 1.54 | 1.71   | 1.88 | 1.82 | 1.40                | 1.78 | 1.47 | 1.49                | 1.88 | 1.72 | 1.49      | 1.69 | 1.62 | 1.01           | 1.12 | 1.07 |
| 20                  | 1.23         | 2.00 | 1.72 | 1.68   | 1.84 | 1.78 | 1.40                | 1.51 | 1.47 | 1.60                | 1.85 | 1.73 | 1.51      | 1.74 | 1.67 | 1.01           | 1.11 | 1.06 |
| 21                  | 1.60         | 1.88 | 1.75 | 1.70   | 1.81 | 1.76 | 1.37                | 1.51 | 1.46 | 1.66                | 1.85 | 1.73 | 1.64      | 1.78 | 1.69 | 0.98           | 1.10 | 1.04 |
| 22                  | 1.50         | 1.64 | 1.57 | 1.69   | 1.81 | 1.76 | 1.36                | 1.51 | 1.46 | 1.46                | 1.89 | 1.74 | 1.59      | 1.96 | 1.68 | 0.96           | 1.06 | 1.00 |
| 23                  | 1.31         | 1.82 | 1.50 | 1.65   | 1.74 | 1.70 | 1.30                | 1.71 | 1.48 | 1.67                | 1.78 | 1.72 | 1.55      | 1.71 | 1.64 | 0.93           | 1.03 | 0.98 |
| 24                  | 1.31         | 1.93 | 1.54 | 1.64   | 1.78 | 1.71 | 1.33                | 1.46 | 1.39 | 1.58                | 1.79 | 1.71 | 1.48      | 1.71 | 1.63 | 0.92           | 1.01 | 0.96 |
| 25                  | 1.43         | 1.51 | 1.49 | 1.75   | 1.86 | 1.80 | 1.36                | 1.50 | 1.48 | 1.69                | 1.84 | 1.75 | 1.56      | 1.73 | 1.69 | 0.91           | 0.99 | 0.95 |
| 26                  | --           | --   | --   | 1.53   | 1.90 | 1.85 | 1.22                | 1.63 | 1.35 | 1.64                | 1.79 | 1.74 | 1.55      | 1.76 | 1.67 | 0.91           | 1.07 | 0.98 |
| 27                  | 1.67         | 1.67 | 1.67 | 1.73   | 1.83 | 1.79 | 1.20                | 1.46 | 1.36 | 1.66                | 1.89 | 1.76 | 1.51      | 1.70 | 1.64 | 0.97           | 1.07 | 1.02 |
| 28                  | 1.30         | 1.41 | 1.36 | 1.66   | 1.76 | 1.71 | 1.21                | 1.57 | 1.36 | 1.63                | 1.82 | 1.69 | 1.47      | 1.79 | 1.59 | 0.94           | 1.04 | 1.00 |
| 29                  | 1.24         | 1.88 | 1.36 | 1.59   | 1.70 | 1.65 | --                  | --   | --   | 1.52                | 1.72 | 1.66 | 1.45      | 1.67 | 1.56 | 0.91           | 1.02 | 0.97 |
| 30                  | 1.32         | 1.89 | 1.55 | 1.51   | 1.67 | 1.62 | 1.05                | 1.19 | 1.12 | 1.57                | 1.79 | 1.64 | 1.43      | 1.89 | 1.58 | 0.90           | 1.01 | 0.96 |
| Monthly Min/Max/Avg | 1.23         | 2.05 | 1.61 | 1.23   | 2.25 | 1.85 | 1.01                | 1.92 | 1.41 | 1.46                | 1.89 | 1.74 | 1.34      | 1.96 | 1.67 | 0.90           | 1.30 | 1.09 |

NOTES: '--' Indication Analyzer Offline

## 1.2.30 Reservoir Chlorine Residual (mg/L) - Part 2

June 2026

| Reservoir              | Rosslyn 1 |      |      | Londonderry |      |      | N. Jasper Place |      |      | Rosslyn 2 |      |      | Thornccliffe |      |      | Blackmud Creek |      |      |
|------------------------|-----------|------|------|-------------|------|------|-----------------|------|------|-----------|------|------|--------------|------|------|----------------|------|------|
| Day                    | Min       | Max  | Avg  | Min         | Max  | Avg  | Min             | Max  | Avg  | Min       | Max  | Avg  | Min          | Max  | Avg  | Min            | Max  | Avg  |
| 1                      | 1.44      | 1.60 | 1.55 | 1.46        | 1.68 | 1.55 | 1.63            | 1.91 | 1.67 | 1.39      | 1.80 | 1.46 | 1.60         | 2.07 | 1.62 | 1.97           | 2.01 | 1.99 |
| 2                      | 1.43      | 1.59 | 1.54 | 1.14        | 1.64 | 1.53 | 1.62            | 2.01 | 1.64 | 1.40      | 2.02 | 1.55 | 1.61         | 2.12 | 1.62 | 1.97           | 2.04 | 2.01 |
| 3                      | 1.37      | 1.49 | 1.46 | 1.39        | 1.67 | 1.47 | 1.59            | 2.05 | 1.60 | 1.40      | 1.88 | 1.46 | 1.57         | 2.08 | 1.63 | 1.98           | 2.06 | 2.03 |
| 4                      | 1.38      | 1.49 | 1.46 | 1.49        | 1.67 | 1.58 | 1.64            | 2.09 | 1.66 | 1.32      | 1.59 | 1.40 |              |      |      | 2.01           | 2.13 | 2.06 |
| 5                      | --        | --   | --   | 1.51        | 1.72 | 1.61 | 1.57            | 2.03 | 1.65 | 1.24      | 1.48 | 1.34 | 1.61         | 2.05 | 1.63 | 2.03           | 2.13 | 2.07 |
| 6                      | --        | --   | --   | 1.48        | 1.75 | 1.59 | 1.60            | 2.01 | 1.72 | 1.33      | 1.99 | 1.52 | 1.61         | 2.03 | 1.71 | 2.01           | 2.10 | 2.05 |
| 7                      | --        | --   | --   | 1.46        | 1.73 | 1.58 | 1.61            | 1.96 | 1.63 | 1.43      | 2.02 | 1.56 | 1.59         | 2.02 | 1.61 | 1.97           | 2.03 | 2.00 |
| 8                      | --        | --   | --   | 1.42        | 1.73 | 1.57 | 1.53            | 1.91 | 1.61 | 1.32      | 2.07 | 1.51 | 1.56         | 2.05 | 1.64 | 1.94           | 1.99 | 1.97 |
| 9                      | 1.41      | 1.47 | 1.43 | 1.37        | 1.73 | 1.53 | 1.40            | 1.94 | 1.65 | 1.29      | 1.39 | 1.34 | 1.56         | 2.08 | 1.66 | 1.93           | 1.98 | 1.95 |
| 10                     | --        | --   | --   | 1.37        | 1.73 | 1.54 | 1.64            | 1.93 | 1.65 | 1.32      | 2.04 | 1.45 | 1.67         | 2.03 | 1.68 | 1.93           | 1.99 | 1.95 |
| 11                     | --        | --   | --   | 1.38        | 1.71 | 1.52 | 1.65            | 1.95 | 1.67 | 1.39      | 2.10 | 1.60 | 1.67         | 2.08 | 1.72 | 1.90           | 1.96 | 1.93 |
| 12                     | 1.54      | 1.58 | 1.56 | 1.36        | 1.74 | 1.54 | 1.65            | 1.96 | 1.67 | 1.45      | 2.10 | 1.52 | 1.69         | 2.10 | 1.70 | 1.89           | 1.97 | 1.94 |
| 13                     | --        | --   | --   | 1.40        | 1.72 | 1.52 | 1.60            | 2.01 | 1.63 | 1.47      | 2.02 | 1.52 | 1.65         | 2.08 | 1.69 | 1.91           | 1.98 | 1.94 |
| 14                     | 1.53      | 1.61 | 1.57 | 1.36        | 1.77 | 1.56 | --              | --   | --   | 1.36      | 2.01 | 1.54 | 1.53         | 2.07 | 1.55 | 1.90           | 1.97 | 1.94 |
| 15                     | 1.45      | 1.51 | 1.47 | 1.40        | 1.76 | 1.57 | 1.49            | 1.91 | 1.50 | 1.35      | 1.73 | 1.40 | 1.48         | 2.09 | 1.49 | 1.94           | 2.00 | 1.96 |
| 16                     | 1.47      | 1.50 | 1.48 | 1.37        | 1.72 | 1.52 | 1.51            | 1.94 | 1.51 | 1.31      | 2.12 | 1.62 | --           | --   | --   | 1.92           | 2.01 | 1.96 |
| 17                     | --        | --   | --   | 1.39        | 1.66 | 1.39 | 1.33            | 1.99 | 1.56 | 1.36      | 2.01 | 1.49 | 1.56         | 2.08 | 1.59 | 1.91           | 1.97 | 1.93 |
| 18                     | --        | --   | --   | 1.33        | 1.67 | 1.46 | 1.49            | 1.93 | 1.51 | 1.38      | 2.01 | 1.46 | 1.52         | 2.04 | 1.65 | 1.88           | 1.93 | 1.91 |
| 19                     | --        | --   | --   | 1.37        | 1.65 | 1.48 | 1.50            | 1.94 | 1.53 | 1.34      | 1.83 | 1.37 | 1.48         | 2.09 | 1.50 | 1.87           | 1.96 | 1.91 |
| 20                     | --        | --   | --   | 1.34        | 1.70 | 1.54 | 1.51            | 2.01 | 1.53 | 1.31      | 1.55 | 1.39 | 1.51         | 2.08 | 1.72 | 1.88           | 2.00 | 1.93 |
| 21                     |           |      |      | 1.41        | 1.69 | 1.54 | 1.52            | 1.93 | 1.55 | 1.40      | 1.93 | 1.49 | 1.52         | 2.12 | 1.56 | 1.92           | 2.00 | 1.95 |
| 22                     |           |      |      | 1.37        | 1.71 | 1.50 | 1.51            | 1.96 | 1.53 | 1.35      | 1.83 | 1.51 | 1.54         | 2.08 | 1.64 | 1.90           | 1.99 | 1.94 |
| 23                     |           |      |      | 1.40        | 1.72 | 1.53 | 1.47            | 1.86 | 1.49 | 1.31      | 1.84 | 1.38 | 1.47         | 2.07 | 1.53 | 1.87           | 1.96 | 1.90 |
| 24                     | 1.19      | 1.27 | 1.26 | 1.35        | 1.70 | 1.51 |                 |      |      | 1.20      | 1.34 | 1.28 | 1.49         | 2.08 | 1.53 | 1.86           | 1.92 | 1.88 |
| 25                     | --        | --   | --   | 1.33        | 1.59 | 1.46 | --              | --   | --   | 1.31      | 1.80 | 1.37 | 1.48         | 2.05 | 1.49 | 1.85           | 1.99 | 1.94 |
| 26                     | --        | --   | --   | 1.29        | 1.60 | 1.40 | --              | --   | --   | 1.25      | 1.90 | 1.49 | --           | --   | --   | 1.93           | 2.00 | 1.97 |
| 27                     | --        | --   | --   | 1.26        | 1.52 | 1.35 | 1.29            | 2.01 | 1.53 | 1.34      | 1.76 | 1.39 | 1.62         | 2.05 | 1.65 | 1.93           | 2.06 | 1.99 |
| 28                     | --        | --   | --   | 1.16        | 1.43 | 1.28 | 1.48            | 1.97 | 1.51 | 1.28      | 1.70 | 1.33 | 1.55         | 2.01 | 1.59 | 1.86           | 1.99 | 1.92 |
| 29                     | --        | --   | --   | 1.21        | 1.44 | 1.27 | 1.42            | 1.90 | 1.44 | 1.21      | 1.61 | 1.24 | 1.51         | 1.99 | 1.65 | 1.81           | 1.87 | 1.84 |
| 30                     | 1.07      | 1.28 | 1.25 | 1.20        | 1.50 | 1.31 | 1.39            | 1.86 | 1.48 | 1.14      | 1.61 | 1.26 | 1.24         | 2.04 | 1.58 | 1.79           | 1.91 | 1.86 |
| Monthly<br>Min/Max/Avg | 1.07      | 1.61 | 1.46 | 1.14        | 1.77 | 1.49 | 1.29            | 2.09 | 1.58 | 1.14      | 2.12 | 1.44 | 1.24         | 2.12 | 1.62 | 1.79           | 2.13 | 1.95 |

NOTES: '--' Indication Analyzer Offline

### 1.2.31 Phosphoric Acid Chemical Consumption

June 2026

| Day                  | Dosage (mg/L) |            | Consumption (kg) |            |
|----------------------|---------------|------------|------------------|------------|
|                      | Rossdale      | E.L. Smith | Rossdale         | E.L. Smith |
| 1                    | 0.90          | 0.90       | 525              | 882        |
| 2                    | 0.90          | 0.90       | 422              | 970        |
| 3                    | 0.90          | 0.90       | 557              | 898        |
| 4                    | 0.90          | 0.90       | 426              | 1,079      |
| 5                    | 0.90          | 0.90       | 518              | 944        |
| 6                    | 0.90          | 0.90       | 491              | 1,056      |
| 7                    | 0.90          | 0.90       | 552              | 968        |
| 8                    | 0.90          | 0.90       | 556              | 960        |
| 9                    | 0.90          | 0.90       | 557              | 1,010      |
| 10                   | 0.90          | 0.90       | 654              | 1,026      |
| 11                   | 0.90          | 0.90       | 594              | 1,109      |
| 12                   | 0.90          | 0.90       | 578              | 978        |
| 13                   | 0.90          | 0.90       | 524              | 948        |
| 14                   | 0.90          | 0.90       | 524              | 1,040      |
| 15                   | 0.90          | 0.90       | 624              | 979        |
| 16                   | 0.90          | 0.90       | 651              | 1,082      |
| 17                   | 0.90          | 0.90       | 575              | 973        |
| 18                   | 0.90          | 0.84       | 553              | 892        |
| 19                   | 0.90          | 0.90       | 461              | 949        |
| 20                   | 0.90          | 0.90       | 485              | 1,052      |
| 21                   | 0.90          | 0.90       | 525              | 860        |
| 22                   | 0.90          | 0.90       | 391              | 915        |
| 23                   | 0.90          | 0.88       | 435              | 811        |
| 24                   | 0.90          | 0.90       | 603              | 941        |
| 25                   | 0.90          | 0.90       | 705              | 1,017      |
| 26                   | 0.90          | 0.88       | 744              | 1,167      |
| 27                   | 0.90          | 0.90       | 606              | 1,019      |
| 28                   | 0.90          | 0.90       | 509              | 883        |
| 29                   | 0.90          | 0.90       | 475              | 898        |
| 30                   | 0.90          | 0.90       | 508              | 871        |
| <b>Monthly Total</b> |               |            | 16,327           | 29,177     |
| <b>Monthly Avg</b>   | 0.90          | 0.90       | 544              | 973        |

NOTES: ' -- ' indicates plant offline

- Phosphoric acid consumption (kg) at 100% by weight (solution delivered to sites at a concentration of 75%)
- Phosphoric Acid dosage is reported mg/L as P (Phosphorous)
- NSF limit for Phosphoric acid (75%) is 13 mg/l

### 1.2.32 Summary of Mainbreaks

[illegible]

| Month    | Total Breaks By Month |                                                                   |
|----------|-----------------------|-------------------------------------------------------------------|
| Jan-26   | 31                    |                                                                   |
| Feb-26   | 23                    | CI Cast Iron Pipe                                                 |
| Mar-26   | 24                    | COP Copper Pipe                                                   |
| Apr-26   | 18                    | CCP Concrete Cylinder Pipe                                        |
| May-26   | 14                    | PVC Poly Vinyl Chloride Pipe                                      |
| Jun-26   | 12                    | AC Asbestos Cement Pipe                                           |
| Jul-26   |                       | HPLCP Hyperscon Cylinder Prestressed Lined Concrete Cylinder Pipe |
| Aug-26   |                       |                                                                   |
| Sep-26   |                       | FRP Fibre Glass Pipe                                              |
| Oct-26   |                       | STL Steel Pipe                                                    |
| Nov-26   |                       | HDP High Density Polyethylene                                     |
| Dec-26   |                       |                                                                   |
| YTD 2026 | 122                   |                                                                   |

## 2.1.1 SUMMARY OF PARAMETERS FOR EDMONTON DRINKING WATER

Water Treatment Plants

June 2026



| Parameter (Units)                          | #  | Mean     | Range              | YTD # | YTD Mean | YTD Range         | MAC (AO or OG) | EPCOR Target |
|--------------------------------------------|----|----------|--------------------|-------|----------|-------------------|----------------|--------------|
| Alkalinity total (mg CaCO <sub>3</sub> /L) | 60 | 103.9    | 79.0 - 117.0       | 360   | 116.6    | 79.0 - 139.0      |                |              |
| Aluminum (mg/L)                            | 2  | 0.044    | 0.039 - 0.049      | 12    | 0.064    | 0.016 - 0.172     | 2.900 (0.100)  |              |
| Arsenic (mg/L)                             | 2  | 0.0002   | <0.0002            | 12    | 0.0002   | <0.0002 - 0.0002  | 0.0100         |              |
| Bromate Dissolved (mg/L)                   | 10 | 0.006    | <0.005 - 0.010     | 56    | 0.005    | <0.005 - 0.010    | 0.010          |              |
| Bromodichloromethane (µg/L)                | 60 | 1.5      | 0.8 - 2.6          | 360   | 1.1      | <0.5 - 2.6        |                |              |
| Cadmium (mg/L)                             | 2  | <0.00002 | <0.00002           | 12    | <0.00002 | <0.00002          | 0.00700        |              |
| Calcium Hardness (mg/L CaCO <sub>3</sub> ) | 60 | 113.7    | 103.0 - 132.0      | 360   | 116.9    | 96.0 - 136.0      |                |              |
| Chlorate Dissolved (mg/L)                  | 10 | 0.21     | 0.11 - 0.35        | 56    | 0.20     | 0.09 - 0.50       | 1.00           |              |
| Chloride Dissolved (mg/L)                  | 10 | 8.4      | 6.7 - 9.6          | 56    | 7.5      | 4.8 - 16.2        | (250.0)        |              |
| Chlorine total (mg/L)                      | 60 | 2.07     | 1.72 - 2.24        | 361   | 2.03     | 1.54 - 2.27       |                |              |
| Chlorite Dissolved (mg/L)                  | 10 | 0.006    | <0.005 - 0.010     | 56    | 0.008    | <0.005 - 0.136    | 1.000          |              |
| Chloroform (µg/L)                          | 60 | 22.5     | 11.9 - 35.1        | 360   | 14.2     | 3.8 - 35.1        | (40.0)         |              |
| Chromium (mg/L)                            | 2  | <0.0002  | <0.0002            | 12    | 0.0002   | <0.0002           | 0.0500         |              |
| Colour (TCU)                               | 60 | 0.9      | <0.5 - 1.5         | 360   | 0.8      | <0.5 - 1.7        | (15.0)         | 10.0         |
| Conductivity (µS/cm)                       | 10 | 472.3    | 388.0 - 609.0      | 53    | 413.0    | 357.0 - 609.0     |                |              |
| Copper (mg/L)                              | 2  | <0.002   | <0.002             | 12    | 0.002    | <0.002            | 2.000 (1.000)  |              |
| Cryptosporidium (oocysts/100L)             | 2  | <0.1     | <0.1               | 12    | <0.1     | <0.1              |                |              |
| Fluoride (mg/L)                            | 60 | 0.67     | 0.61 - 0.76        | 360   | 0.70     | 0.61 - 0.78       | 1.50           | 0.60 - 0.80  |
| Giardia (cysts/100L)                       | 2  | <0.1     | <0.1               | 12    | <0.1     | <0.1              |                |              |
| Haloacetic acids total (HAA5) (µg/L)       | 2  | 17.7     | 16.0 - 19.3        | 12    | 16.3     | 11.3 - 19.3       | 80.0           | 40.0         |
| Iron (mg/L)                                | 2  | <0.005   | <0.005             | 12    | <0.005   | <0.005            | (0.100)        |              |
| Manganese (mg/L)                           | 2  | <0.002   | <0.002             | 12    | 0.002    | <0.002 - 0.003    | 0.120 (0.020)  |              |
| Mercury (µg/L)                             | 2  | <0.0050  | <0.0050            | 14    | <0.0050  | <0.0050           | 1.000          |              |
| Nitrate (as N) dissolved (mg/L)            | 10 | 0.10     | 0.07 - 0.19        | 56    | 0.08     | 0.02 - 0.22       | 10.00          |              |
| Nitrite (as N) dissolved (mg/L)            | 10 | 0.02     | 0.02               | 56    | 0.02     | 0.02              | 1.00           |              |
| Nitrosodimethylamine, N- [NDMA] (µg/L)     | 2  | 0.00135  | <0.00108 - 0.00162 | 12    | 0.00108  | <0.0009 - 0.00108 | 0.0400         | 0.0100       |
| pH                                         | 60 | 8        | 8                  | 360   | 8        | 8                 |                | 7 - 8        |
| Potassium (mg/L)                           | 2  | 0.9      | 0.8 - 0.9          | 12    | 1.0      | 0.7 - 2.0         |                |              |
| Sodium (mg/L)                              | 2  | 13.5     | 12.5 - 14.4        | 12    | 11.4     | 6.6 - 21.6        | (200.0)        |              |
| Sulphate Dissolved (mg/L)                  | 10 | 98.7     | 77.9 - 122.0       | 56    | 77.6     | 62.0 - 122.0      | (500.0)        |              |
| Total Dissolved Solids (mg/L)              | 2  | 253.00   | 250.00 - 256.00    | 12    | 227.83   | 213.00 - 256.00   | (500.00)       |              |
| Total Hardness (mg/L CaCO <sub>3</sub> )   | 60 | 168.2    | 153.0 - 186.0      | 360   | 176.2    | 146.0 - 204.0     |                |              |
| Total Organic Carbon (mg/L)                | 10 | 2.5      | 1.2 - 3.3          | 52    | 1.6      | 0.9 - 3.3         |                |              |
| Trihalomethanes (µg/L)                     | 60 | 24.2     | 13.4 - 37.4        | 360   | 15.5     | 5.3 - 37.4        | 100.0          | 50.0         |
| Turbidity (NTU)                            | 60 | 0.05     | <0.04 - 0.13       | 360   | 0.05     | <0.04 - 0.32      | (3.00)         | 1.00         |
| Uranium (mg/L)                             | 2  | <0.0005  | <0.0005            | 12    | 0.0005   | <0.0005 - 0.0006  | 0.0200         |              |
| Zinc (mg/L)                                | 2  | <0.005   | <0.005             | 12    | <0.005   | <0.005            | (5.000)        |              |

## 2.1.2 EXPLANATION OF NOTATIONS USED

Water Treatment Plants

June 2026



Concentrations are reported as mg/L unless otherwise indicated.  
Alkalinity and Hardness (Ca and Total) are reported as mg CaCO<sub>3</sub>/L

|           |                                                               |
|-----------|---------------------------------------------------------------|
| %T        | = % Transmittance                                             |
| - ve      | = Absent                                                      |
| + ve      | = Present                                                     |
| ng/L      | = Nanograms per litre (1 ng/L)                                |
| µg/L      | = Micrograms per litre (1 µg/L)                               |
| µS/cm     | = Microsiemens per centimeter (unit of conductivity)          |
| 2/Y       | = Twice per Year                                              |
| AO        | = Aesthetic Objective                                         |
| Bq/L      | = Becquerel(s) per litre (unit of radionuclide concentration) |
| CCPP      | = Calcium Carbonate Precipitation Potential                   |
| CFU       | = Colony Forming Units                                        |
| Comm      | = Commercial Laboratories                                     |
| D         | = Daily                                                       |
| EWSI      | = EPCOR Water Services Inc.                                   |
| FPA       | = Flavour Profile Analysis                                    |
| GCDWQ     | = Guidelines for Canadian Drinking Water Quality              |
| GM        | = Geometric Mean                                              |
| inoff     | = Inoffensive (no objectionable odour)                        |
| M         | = Monthly                                                     |
| MAC       | = Maximum Acceptable Concentration                            |
| MDL       | = Method Detection Limit                                      |
| N/A       | = Not Available                                               |
| ND        | = Not Detected                                                |
| NTU       | = Nephelometric Turbidity Units                               |
| PA        | = Presence/Absence Testing                                    |
| PBR       | = Performance Based Rates                                     |
| PHP       | = phenolphthalein                                             |
| PLPH      | = Provincial Laboratory of Public Health                      |
| ppb       | = Parts Per Billion                                           |
| ppm       | = Parts Per Million                                           |
| Q         | = Quarterly                                                   |
| QA        | = Quality Assurance                                           |
| QC        | = Quality Control                                             |
| RDL       | = Reportable Detection Limit                                  |
| TCU       | = True Colour Units                                           |
| TDS       | = Total Dissolved Solids                                      |
| TOC       | = Total Organic Carbon                                        |
| UV Abs/cm | = UV Absorbance per centimeter                                |
| WL        | = Water Laboratory                                            |
| WTP       | = Water Treatment Plant                                       |

### 2.1.3 QUALITY ASSURANCE – June 2026

Drinking water quality must meet the requirements in the Alberta Environment and Protected Areas *Approval-to-Operate* (638-04-02) and the limits set out in the latest version of the Health Canada *Guidelines for Canadian Drinking Water Quality* (GCDWQ). The latest internet edition of the GCDWQ was issued in December 2025. Health Canada updates their on-line document regularly, but they recommend always consulting individual guideline technical documents and guidance documents on Health Canada's website, "Water Quality—Reports and Publications" for the most current information. Guideline limits are listed as Maximum Acceptable Concentrations (MAC), Aesthetic Objectives (AO) or Operational Guidelines (OG). The latest edition of Health Canada's Guidelines includes parameter types, common sources, health considerations and application of the guideline.

In addition, for treated water in the distribution system, total chlorine residual values under 0.5 mg/L are not necessarily violations of the approval but do require immediate follow-up action and re-sampling. A violation of the current *Approval-to-Operate* (638-04-02) requirements occurs if the chlorine residual in more than 25% of follow-up samples are < 0.5 mg/L. Alberta Environment and Protected Areas is to be notified of any single positive total coliform sample and follow-up sampling is done according to the *Communication and Action Protocol for Failed Bacteriological Results in Drinking Water*. Any sample that is positive for *E. coli* is also considered a violation and requires follow-up action and re-sampling. A repeat total coliform positive from the same location is also considered a violation.

Critical water quality parameters (e.g. turbidity, residual chlorine, fluoride, pH, & particle counts) in the treated water are monitored continuously using on-line instruments at the water treatment plants. In addition, water quality samples are collected daily at the two Water Treatment Plants, and 210 to 300 samples per month are collected throughout the distribution system (routine and random sampling sites, reservoirs, following system depressurizations and in response to customer complaints).

The EPCOR Water Laboratory is nationally accredited by CALA (Canadian Association for Laboratory Accreditation) to ISO/IEC 17025 for specific water quality analyses, and it also provides quality assurance support for Water Plant Operations labs and on-line analytical monitoring.

"Violations" occur when the concentration of a measured parameter exceeds the AEPA *Approval-to-Operate* limits, including the MACs for the GCDWQ parameters listed Schedule 4.

"Variances" occur when the concentration of a measured parameter exceeds EPCOR's own internal water quality objectives.

2.1.3.1 **Total Water Quality Violations of AEP Approval-to-Operate:**

Current month: **0**

YTD Total: **1**

2.1.3.2 **Water Quality Violations for Water Plants (Treated Water)**

Current month: **0**

YTD Total: **0**

2.1.3.3 **Water Quality Violations (Environmental): Plants Waste Streams**

Current month: **0**

YTD Total: **0**

2.1.3.4 **Violations for Water Quality in the Field Reservoirs and Distribution System**

| Sample Type                       | This Month | YTD |
|-----------------------------------|------------|-----|
| Depressurization Samples          | 0          | 0   |
| Complaint Samples                 | 0          | 0   |
| Random Samples                    | 0          | 1   |
| Reservoirs                        | 0          | 0   |
| TOTAL (Distribution) <sup>1</sup> | 0          | 1   |

2.1.3.5 **Variances from EPCOR Water Services Water Quality Objectives at the Water Treatment Plants**

| Variance Category <sup>1</sup>            | This Month | YTD |
|-------------------------------------------|------------|-----|
| Aluminum <sup>2</sup> > 0.20 or 0.10 mg/L | 0          | 0   |
| Turbidity > 1 NTU                         | 0          | 0   |
| Chlorine < 1 mg/L or > 2.4 mg/L           | 0          | 0   |
| <i>Cryptosporidium</i> ≥ 1/1000 L         | 0          | 0   |
| <i>Giardia</i> ≥ 1/1000 L                 | 0          | 0   |
| Other                                     | 0          | 0   |
| Total Variances + Violations              | 0          | 0   |

2.1.3.6

**Variances from EPCOR Water Services Water Quality Objectives in the Field Reservoirs and Distribution System**

| Variance Category <sup>1</sup>             | This Month | YTD                |
|--------------------------------------------|------------|--------------------|
| Turbidity > 1 NTU                          | 16         | 42                 |
| Chlorine < 1 mg/L or > 2.4 mg/L            | 3          | 6                  |
| Single Positive Coliform                   | 0          | 2                  |
| THMs > 50 µg/L                             | 0          | 0                  |
| Pipe Lube, Odour, UV positive              | 0          | 0                  |
| Aluminum <sup>2</sup> > 0.20 (or 0.1) mg/L | 5          | 8                  |
| Iron > 0.10 mg/L                           | 5          | 9                  |
| Other                                      | 1          | 1                  |
| <b>Total Variances + Violations</b>        | <b>30</b>  | <b>68 + 1 = 69</b> |

Notes: 1) Variance statistics include any violations.

2) YTD variances in the 'Other' category included 1 variance for Manganese in June 2026

## 2.2.1 BACTERIOLOGICAL DATA

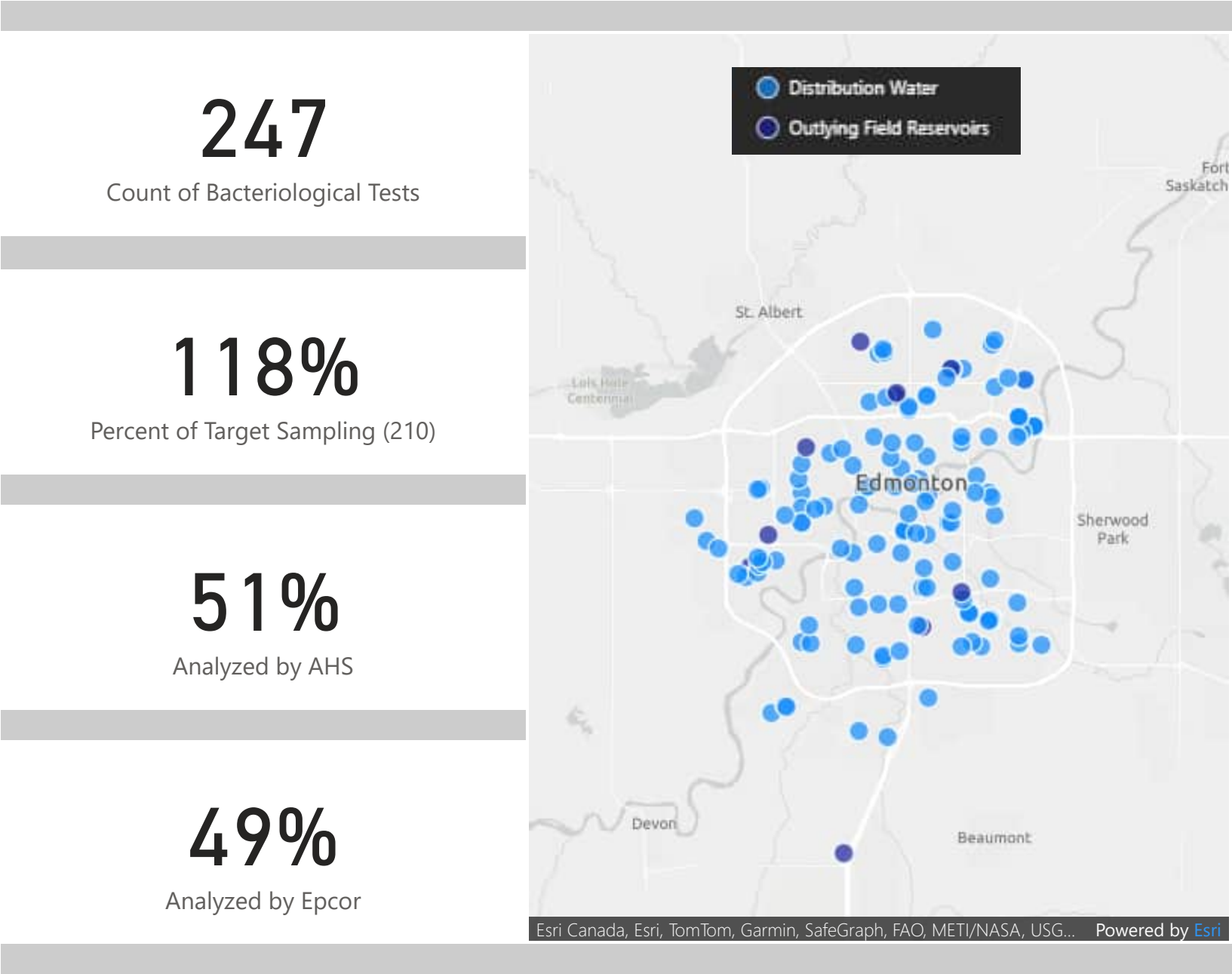
Water Treatment Plants

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 |

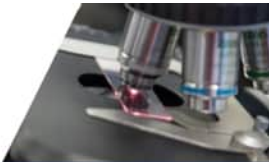




### 2.2.3 SUMMARY OF GIARDIA AND CRYPTOSPORIDIUM

Water Treatment Plants

June 2026



| Location<br>Date | EL Smith Reservoir<br>Cryptosporidium | Giardia | Rossdale Reservoir<br>Cryptosporidium | Giardia |
|------------------|---------------------------------------|---------|---------------------------------------|---------|
| Jan 12           | <0.1                                  | <0.1    | <0.1                                  | <0.1    |
| Feb 09           | <0.1                                  | <0.1    |                                       |         |
| Feb 11           |                                       |         | <0.1                                  | <0.1    |
| Mar 02           |                                       |         | <0.1                                  | <0.1    |
| Mar 10           | <0.1                                  | <0.1    |                                       |         |
| Apr 13           | <0.1                                  | <0.1    |                                       |         |
| Apr 14           |                                       |         | <0.1                                  | <0.1    |
| May 11           | <0.1                                  | <0.1    |                                       |         |
| May 13           |                                       |         | <0.1                                  | <0.1    |
| Jun 01           |                                       |         | <0.1                                  | <0.1    |
| Jun 08           | <0.1                                  | <0.1    |                                       |         |

## 2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

Rossdale Water Treatment Plant

June 2026



| Parameter (units)               | #  | Mean     | Range          | YTD # | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|---------------------------------|----|----------|----------------|-------|----------|------------------|----------------|--------------|
| <b>Microbiologicals</b>         |    |          |                |       |          |                  |                |              |
| Coliforms total (PA/100mL)      | 30 | -VE      | -VE            | 178   | -VE      | -VE              | 0.0            |              |
| Cryptosporidium (oocysts/100L)  | 1  | <0.1     | <0.1           | 6     | <0.1     | <0.1             |                |              |
| E. coli (PA/100mL)              | 30 | -VE      | -VE            | 178   | -VE      | -VE              | 0.0            |              |
| Giardia (cysts/100L)            | 1  | <0.1     | <0.1           | 6     | <0.1     | <0.1             |                |              |
| <b>Physical</b>                 |    |          |                |       |          |                  |                |              |
| Colour (TCU)                    | 30 | 0.9      | <0.5 - 1.4     | 179   | 0.8      | <0.5 - 1.7       | (15.0)         | 10.0         |
| Conductivity (µS/cm)            | 5  | 447.0    | 388.0 - 497.0  | 26    | 407.2    | 357.0 - 497.0    |                |              |
| pH                              | 30 | 8        | 8              | 179   | 8        | 8                |                | 7 - 8        |
| Total Dissolved Solids (mg/L)   | 1  | 250.00   | 250.00         | 6     | 228.33   | 214.00 - 250.00  | (500.00)       |              |
| Turbidity (NTU)                 | 30 | 0.05     | <0.04 - 0.13   | 179   | 0.05     | <0.04 - 0.32     | (3.00)         | 1.00         |
| <b>Primary Inorganics</b>       |    |          |                |       |          |                  |                |              |
| Antimony (mg/L)                 | 1  | <0.0005  | <0.0005        | 6     | <0.0005  | <0.0005          | 0.0060         |              |
| Arsenic (mg/L)                  | 1  | 0.0002   | 0.0002         | 6     | 0.0002   | <0.0002 - 0.0002 | 0.0100         |              |
| Barium (mg/L)                   | 1  | 0.061    | 0.061          | 6     | 0.061    | 0.053 - 0.063    | 2.000          |              |
| Boron (mg/L)                    | 1  | 0.009    | 0.009          | 6     | 0.010    | 0.009 - 0.014    | 5.000          |              |
| Bromate Dissolved (mg/L)        | 5  | 0.006    | <0.005 - 0.010 | 28    | 0.005    | <0.005 - 0.010   | 0.010          |              |
| Cadmium (mg/L)                  | 1  | <0.00002 | <0.00002       | 6     | <0.00002 | <0.00002         | 0.00700        |              |
| Chlorate Dissolved (mg/L)       | 5  | 0.29     | 0.16 - 0.35    | 28    | 0.27     | 0.16 - 0.50      | 1.00           |              |
| Chlorine total (mg/L)           | 30 | 2.05     | 1.72 - 2.24    | 180   | 2.02     | 1.54 - 2.25      |                |              |
| Chlorite Dissolved (mg/L)       | 5  | 0.006    | <0.005 - 0.010 | 28    | 0.010    | <0.005 - 0.136   | 1.000          |              |
| Chromium (mg/L)                 | 1  | <0.0002  | <0.0002        | 6     | <0.0002  | <0.0002          | 0.0500         |              |
| Cyanide (mg/L)                  |    |          |                | 2     | <0.002   | <0.002           | 0.200          |              |
| Fluoride (mg/L)                 | 30 | 0.69     | 0.65 - 0.76    | 179   | 0.71     | 0.65 - 0.78      | 1.50           | 0.60 - 0.80  |
| Lead (mg/L)                     | 1  | <0.0002  | <0.0002        | 6     | <0.0002  | <0.0002          | 0.0050         |              |
| Manganese (mg/L)                | 1  | <0.002   | <0.002         | 6     | <0.002   | <0.002           | 0.120 (0.020)  |              |
| Mercury (µg/L)                  | 1  | <0.0050  | <0.0050        | 7     | <0.0050  | <0.0050          | 1.000          |              |
| Nitrate (as N) dissolved (mg/L) | 5  | 0.10     | 0.07 - 0.13    | 28    | 0.08     | 0.02 - 0.22      | 10.00          |              |
| Nitrite (as N) dissolved (mg/L) | 5  | 0.02     | 0.02           | 28    | 0.02     | 0.02             | 1.00           |              |
| Selenium (mg/L)                 | 1  | 0.0003   | 0.0003         | 6     | 0.0003   | <0.0002 - 0.0003 | 0.0500         |              |
| Uranium (mg/L)                  | 1  | <0.0005  | <0.0005        | 6     | 0.0005   | <0.0005 - 0.0006 | 0.0200         |              |

## 2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

Rossdale Water Treatment Plant

June 2026



| Parameter (units)                                 | #  | Mean     | Range       | # (YTD) | YTD Mean | YTD Range         | MAC (AO or OG) | EPCOR Target |
|---------------------------------------------------|----|----------|-------------|---------|----------|-------------------|----------------|--------------|
| <b>Primary Organics</b>                           |    |          |             |         |          |                   |                |              |
| 2,4-D (µg/L)                                      |    |          |             | 2       | <0.050   | <0.050            | 100.00         |              |
| 2-methyl-4-chlorophenoxyacetic acid (MCPA) (µg/L) |    |          |             | 2       | <0.050   | <0.050            | 350.00         |              |
| Atrazine + metabolites (µg/L)                     |    |          |             | 2       | <0.10    | <0.10             | 5.0            |              |
| Benzene (µg/L)                                    | 30 | <0.5     | <0.5        | 179     | <0.50    | <0.5 - <0.50      | 5.0            |              |
| Benzo(a)pyrene (µg/L)                             |    |          |             | 2       | <0.005   | <0.005            | 0.040          |              |
| Bromoxynil (µg/L)                                 |    |          |             | 2       | <0.050   | <0.050            | 30.00          |              |
| Carbon Tetrachloride (µg/L)                       | 30 | <0.5     | <0.5        | 179     | <0.50    | <0.5 - <0.50      | 2.0            |              |
| Chlorpyrifos (µg/L)                               |    |          |             | 2       | <0.10    | <0.10             | 90.0           |              |
| Cyanazine (µg/L)                                  |    |          |             | 2       | <0.100   | <0.100            |                |              |
| Dicamba (µg/L)                                    |    |          |             | 2       | <1.00    | <0.10 - <1.00     | 110.00         |              |
| Dichlorobenzene (1,4) (µg/L)                      | 30 | <0.5     | <0.5        | 179     | <0.50    | <0.5 - <0.50      | 5.0 (1.0)      |              |
| Dichloroethane (1,2) (µg/L)                       |    |          |             | 2       | <0.50    | <0.50             | 5.00           |              |
| Dichlorophenol (2,4) (µg/L)                       |    |          |             | 2       | <0.20    | <0.20             |                |              |
| Dimethoate (µg/L)                                 |    |          |             | 2       | <0.050   | <0.050            | 20.00          |              |
| Diquat (µg/L)                                     |    |          |             | 2       | <1.0     | <1.0              | 50.0           |              |
| Ethylbenzene (µg/L)                               | 30 | <0.5     | <0.5        | 179     | <0.50    | <0.5 - <0.50      | 140.0 (1.6)    |              |
| Glyphosate (µg/L)                                 |    |          |             | 2       | <1.00    | <1.00             | 280.0          |              |
| Haloacetic acids total (HAA5) (µg/L)              | 1  | 19.3     | 19.3        | 6       | 16.9     | 13.4 - 19.3       | 80.0           | 40.0         |
| Malathion (µg/L)                                  |    |          |             | 2       | <0.0250  | <0.0250           | 290.000        |              |
| Methylene Chloride (Dichloromethane) (µg/L)       | 30 | <0.5     | <0.5        | 179     | <1.00    | <0.5 - <1.00      | 50.0           |              |
| Metribuzin (µg/L)                                 |    |          |             | 2       | <0.100   | <0.100            | 80.0           |              |
| Microcystin total (µg/L)                          |    |          |             | 2       | <0.15    | <0.15             | 1.50           |              |
| Nitrilotriacetic acid (NTA) (mg/L)                |    |          |             | 2       | <0.4     | <0.4              | 0.4            |              |
| Nitrosodimethylamine, N- [NDMA] (µg/L)            | 1  | <0.00162 | <0.00162    | 6       | 0.00108  | <0.0009 - 0.00108 | 0.0400         | 0.0100       |
| Omethoate (µg/L)                                  |    |          |             | 2       | <0.050   | <0.050            |                |              |
| Omethoate (as dimethoate) (µg/L)                  |    |          |             | 2       | <0.16    | <0.16             |                |              |
| Pentachlorophenol (µg/L)                          |    |          |             | 2       | <0.50    | <0.50             | 60.0 (30.0)    |              |
| Perfluorooctanesulfonic acid (PFOS) (ng/L)        |    |          |             | 2       | <2.0     | <2.0              |                |              |
| Perfluorooctanoic Acid (PFOA) (ng/L)              |    |          |             | 2       | <2.0     | <2.0              |                |              |
| Tetrachloroethylene (µg/L)                        | 30 | <0.5     | <0.5        | 179     | <0.50    | <0.5 - <0.50      | 10.0           |              |
| Toluene (µg/L)                                    | 30 | <0.5     | <0.5        | 179     | <0.50    | <0.5 - <0.50      | 60.0 (24.0)    |              |
| Total PFAS (ng/L)                                 |    |          |             | 2       | <12.0    | <12.0             |                |              |
| Trichloroethylene (µg/L)                          | 30 | <0.5     | <0.5        | 179     | <0.50    | <0.5 - <0.50      | 5.0            |              |
| Trichlorophenol (2,4,6) (µg/L)                    |    |          |             | 2       | <0.20    | <0.20             | 5.0 (2.0)      |              |
| Trihalomethanes (µg/L)                            | 30 | 26.1     | 16.5 - 37.4 | 179     | 16.7     | 6.4 - 37.4        | 100.0          | 50.0         |
| Vinyl Chloride (µg/L)                             | 30 | <1.0     | <1.0        | 179     | <1.0     | <0.50 - <1.0      | 2.00           |              |

## 2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

Rosssdale Water Treatment Plant

June 2026



| Parameter (units)                          | #  | Mean     | Range         | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|--------------------------------------------|----|----------|---------------|---------|----------|------------------|----------------|--------------|
| <b>Secondary Inorganics</b>                |    |          |               |         |          |                  |                |              |
| Alkalinity total (mg CaCO <sub>3</sub> /L) | 30 | 100.1    | 79.0 - 112.0  | 179     | 114.9    | 79.0 - 138.0     |                |              |
| Aluminum (mg/L)                            | 1  | 0.049    | 0.049         | 6       | 0.071    | 0.016 - 0.172    | 2.900 (0.100)  |              |
| Ammonia as NH <sub>3</sub> (mg/L)          | 14 | 0.10     | 0.06 - 0.12   | 89      | 0.10     | <0.05 - 0.19     |                |              |
| Beryllium (mg/L)                           | 1  | <0.0002  | <0.0002       | 6       | <0.0002  | <0.0002          |                |              |
| Bromide Dissolved (mg/L)                   | 5  | 0.04     | <0.03 - 0.06  | 28      | 0.03     | <0.03 - 0.06     |                |              |
| Calcium (mg/L)                             | 1  | 49.9     | 49.9          | 6       | 49.0     | 40.9 - 52.7      |                |              |
| Calcium Hardness (mg/L CaCO <sub>3</sub> ) | 30 | 113.7    | 103.0 - 130.0 | 179     | 117.1    | 96.0 - 136.0     |                |              |
| Chloride Dissolved (mg/L)                  | 5  | 8.6      | 6.7 - 9.6     | 28      | 7.7      | 4.8 - 16.2       | (250.0)        |              |
| Chlorine free (mg/L)                       | 1  | <0.07    | <0.07         | 8       | <0.07    | <0.07            |                |              |
| Cobalt (mg/L)                              | 1  | <0.0002  | <0.0002       | 6       | 0.0002   | <0.0002 - 0.0002 |                |              |
| Copper (mg/L)                              | 1  | <0.002   | <0.002        | 6       | <0.002   | <0.002           | 2.000 (1.000)  |              |
| Iron (mg/L)                                | 1  | <0.005   | <0.005        | 6       | <0.005   | <0.005           | (0.100)        |              |
| Lithium (mg/L)                             | 1  | 0.0033   | 0.0033        | 6       | 0.0035   | 0.0032 - 0.0037  |                |              |
| Magnesium (mg/L)                           | 1  | 14.4     | 14.4          | 6       | 14.6     | 12.4 - 15.9      |                |              |
| Molybdenum (mg/L)                          | 1  | 0.0007   | 0.0007        | 6       | 0.0007   | 0.0006 - 0.0008  |                |              |
| Nickel (mg/L)                              | 1  | <0.0005  | <0.0005       | 6       | 0.0005   | <0.0005 - 0.0006 |                |              |
| Phosphate Ortho (as P) (mg/L as P)         | 1  | <0.02    | <0.02         | 6       | 0.02     | <0.02 - 0.02     |                |              |
| Phosphorus (mg/L)                          | 1  | <0.02    | <0.02         | 6       | <0.02    | <0.02            |                |              |
| Potassium (mg/L)                           | 1  | 0.9      | 0.9           | 6       | 1.0      | 0.7 - 2.0        |                |              |
| Silicon (mg/L)                             | 1  | 2.30     | 2.30          | 6       | 2.23     | 1.82 - 2.52      |                |              |
| Silver (mg/L)                              | 1  | <0.00002 | <0.00002      | 6       | <0.00002 | <0.00002         |                |              |
| Sodium (mg/L)                              | 1  | 12.5     | 12.5          | 6       | 10.7     | 6.6 - 16.5       | (200.0)        |              |
| Strontium (mg/L)                           | 1  | 0.438    | 0.438         | 6       | 0.451    | 0.403 - 0.476    | 7.000          |              |
| Sulphate Dissolved (mg/L)                  | 5  | 92.0     | 77.9 - 115.0  | 28      | 76.0     | 62.4 - 115.0     | (500.0)        |              |
| Sulphide (mg/L)                            |    |          |               | 2       | 0.0016   | <0.0015 - 0.0016 | (0.0500)       |              |
| Thallium (mg/L)                            | 1  | <0.0002  | <0.0002       | 6       | <0.0002  | <0.0002          |                |              |
| Total Hardness (mg/L CaCO <sub>3</sub> )   | 30 | 168.0    | 153.0 - 186.0 | 179     | 176.3    | 146.0 - 204.0    |                |              |
| Vanadium (mg/L)                            | 1  | <0.0005  | <0.0005       | 6       | <0.0005  | <0.0005          |                |              |
| Zinc (mg/L)                                | 1  | <0.005   | <0.005        | 6       | <0.005   | <0.005           | (5.000)        |              |

## 2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

Rossdale Water Treatment Plant

June 2026



| Parameter (units)                        | #  | Mean  | Range       | # (YTD) | YTD Mean | YTD Range    | MAC (AO or OG) | EPCOR Target |
|------------------------------------------|----|-------|-------------|---------|----------|--------------|----------------|--------------|
| <b>Secondary Organics</b>                |    |       |             |         |          |              |                |              |
| Xylenes total (µg/L)                     | 30 | <1.0  | <1.0        | 179     | <1.0     | <0.50 - <1.0 | 90.00 (20.00)  |              |
| Xylene (1,4) (µg/L)                      | 30 | <0.5  | <0.5        | 179     | <0.5     | <0.40 - <0.5 |                |              |
| Xylene (1,2) (µg/L)                      | 30 | <0.5  | <0.5        | 179     | <0.5     | <0.30 - <0.5 |                |              |
| Trichloroethane (1,1,1) (µg/L)           | 30 | <0.5  | <0.5        | 179     | <0.50    | <0.5 - <0.50 |                |              |
| Trichlorobenzene (1,2,4) (µg/L)          | 30 | <0.5  | <0.5        | 179     | <0.50    | <0.5 - <0.50 |                |              |
| Trichloroacetic acid (µg/L)              | 1  | 11.2  | 11.2        | 6       | 9.0      | 7.2 - 11.2   |                |              |
| Total Volatile Organics (Non THM) (µg/L) | 30 | 1.7   | <1.0 - 4.6  | 177     | 1.5      | <1.0 - 4.6   |                |              |
| Total Organic Carbon (mg/L)              | 5  | 2.6   | 1.4 - 3.3   | 26      | 1.7      | 1.1 - 3.3    |                |              |
| Tetrachloroethane (1,1,2,2) (µg/L)       | 30 | <0.5  | <0.5        | 179     | <0.50    | <0.5 - <0.50 |                |              |
| Styrene (µg/L)                           | 30 | <0.5  | <0.5        | 179     | <0.50    | <0.5 - <0.50 |                |              |
| Monochloroacetic acid (µg/L)             | 1  | <1.00 | <1.00       | 6       | <1.00    | <1.00        |                |              |
| Monobromoacetic acid (µg/L)              | 1  | <1.00 | <1.00       | 6       | <1.00    | <1.00        |                |              |
| Methyl t-Butyl Ether (MTBE) (µg/L)       | 30 | <0.5  | <0.5        | 179     | <0.50    | <0.5 - <0.50 | 100.0 (15.0)   | 50.0         |
| Methyl Isobutyl Ketone (MIBK) (µg/L)     | 30 | <1.0  | <1.0        | 179     | <20      | <1.0 - <20   |                |              |
| Dichloropropane (1,2) (µg/L)             | 30 | <0.5  | <0.5        | 179     | <0.50    | <0.5 - <0.50 |                |              |
| Dichloroethylene trans (1,2) (µg/L)      | 30 | <0.5  | <0.5        | 179     | <0.50    | <0.5 - <0.50 |                |              |
| Dichloroethylene cis (1,2) (µg/L)        | 30 | <0.5  | <0.5        | 179     | <0.50    | <0.5 - <0.50 |                |              |
| Dichloroethylene (1,1) (µg/L)            | 30 | <0.5  | <0.5        | 179     | <0.50    | <0.5 - <0.50 | 14.0           |              |
| Dichloroethane (1,2) (µg/L)              | 30 | <0.5  | <0.5        | 177     | <0.5     | <0.5         | 5.0            |              |
| Dichlorobenzene (1,3) (µg/L)             | 30 | <0.5  | <0.5        | 179     | <0.50    | <0.5 - <0.50 |                |              |
| Dichlorobenzene (1,2) (µg/L)             | 30 | <0.5  | <0.5        | 179     | <0.50    | <0.5 - <0.50 | 200.0 (3.0)    |              |
| Dichloroacetic acid (µg/L)               | 1  | 8.1   | 8.1         | 6       | 7.9      | 6.1 - 9.1    |                |              |
| Dibromochloromethane (µg/L)              | 30 | <0.5  | <0.5        | 179     | <0.50    | <0.5 - <0.50 |                |              |
| Dibromoacetic acid (µg/L)                | 1  | <1.00 | <1.00       | 6       | <1.00    | <1.00        |                |              |
| Chloroform (µg/L)                        | 30 | 24.1  | 14.3 - 35.1 | 179     | 15.2     | 4.6 - 35.1   | (40.0)         |              |
| Chlorobenzene (µg/L)                     | 30 | <0.5  | <0.5        | 179     | <0.50    | <0.5 - <0.50 |                |              |
| Bromoform (µg/L)                         | 30 | <0.5  | <0.5        | 179     | <0.50    | <0.5 - <0.50 |                |              |
| Bromodichloromethane (µg/L)              | 30 | 1.7   | 1.1 - 2.6   | 179     | 1.3      | 0.5 - 2.6    |                |              |
| Bromochloroacetic acid (µg/L)            | 1  | <1.00 | <1.00       | 6       | <1.00    | <1.00        |                |              |
| <b>Radionuclides</b>                     |    |       |             |         |          |              |                |              |
| Gross Beta (Bq/L)                        |    |       |             | 1       | 0.09     | 0.09         | 1.00           |              |
| Gross Alpha (Bq/L)                       |    |       |             | 1       | <0.11    | <0.11        | 0.50           |              |

## 2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

E.L Smith Water Treatment Plant

June 2026



| Parameter (units)               | #  | Mean     | Range          | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|---------------------------------|----|----------|----------------|---------|----------|------------------|----------------|--------------|
| <b>Microbiologicals</b>         |    |          |                |         |          |                  |                |              |
| Coliforms total (PA/100mL)      | 30 | -VE      | -VE            | 179     | -VE      | -VE              | 0.0            |              |
| Cryptosporidium (oocysts/100L)  | 1  | <0.1     | <0.1           | 6       | <0.1     | <0.1             |                |              |
| E. coli (PA/100mL)              | 30 | -VE      | -VE            | 179     | -VE      | -VE              | 0.0            |              |
| Giardia (cysts/100L)            | 1  | <0.1     | <0.1           | 6       | <0.1     | <0.1             |                |              |
| <b>Physical</b>                 |    |          |                |         |          |                  |                |              |
| Colour (TCU)                    | 30 | 1.0      | <0.5 - 1.5     | 181     | 0.8      | <0.5 - 1.7       | (15.0)         | 10.0         |
| Conductivity (µS/cm)            | 5  | 497.6    | 400.0 - 609.0  | 27      | 418.5    | 363.0 - 609.0    |                |              |
| pH                              | 30 | 8        | 8              | 181     | 8        | 8                |                | 7 - 8        |
| Total Dissolved Solids (mg/L)   | 1  | 256.00   | 256.00         | 6       | 227.33   | 213.00 - 256.00  | (500.00)       |              |
| Turbidity (NTU)                 | 30 | 0.05     | <0.04 - 0.12   | 181     | 0.05     | <0.04 - 0.28     | (3.00)         | 1.00         |
| <b>Primary Inorganics</b>       |    |          |                |         |          |                  |                |              |
| Antimony (mg/L)                 | 1  | <0.0005  | <0.0005        | 6       | <0.0005  | <0.0005          | 0.0060         |              |
| Arsenic (mg/L)                  | 1  | <0.0002  | <0.0002        | 6       | 0.0002   | <0.0002 - 0.0002 | 0.0100         |              |
| Barium (mg/L)                   | 1  | 0.061    | 0.061          | 6       | 0.061    | 0.057 - 0.063    | 2.000          |              |
| Boron (mg/L)                    | 1  | 0.008    | 0.008          | 6       | 0.010    | 0.008 - 0.017    | 5.000          |              |
| Bromate Dissolved (mg/L)        | 5  | 0.006    | <0.005 - 0.010 | 28      | 0.005    | <0.005 - 0.010   | 0.010          |              |
| Cadmium (mg/L)                  | 1  | <0.00002 | <0.00002       | 6       | <0.00002 | <0.00002         | 0.00700        |              |
| Chlorate Dissolved (mg/L)       | 5  | 0.14     | 0.11 - 0.16    | 28      | 0.12     | 0.09 - 0.17      | 1.00           |              |
| Chlorine total (mg/L)           | 30 | 2.09     | 2.00 - 2.18    | 181     | 2.04     | 1.83 - 2.27      |                |              |
| Chlorite Dissolved (mg/L)       | 5  | 0.006    | <0.005 - 0.010 | 28      | 0.006    | <0.005 - 0.023   | 1.000          |              |
| Chromium (mg/L)                 | 1  | <0.0002  | <0.0002        | 6       | <0.0002  | <0.0002          | 0.0500         |              |
| Cyanide (mg/L)                  |    |          |                | 2       | <0.002   | <0.002           | 0.200          |              |
| Fluoride (mg/L)                 | 30 | 0.65     | 0.61 - 0.72    | 181     | 0.68     | 0.61 - 0.78      | 1.50           | 0.60 - 0.80  |
| Lead (mg/L)                     | 1  | <0.0002  | <0.0002        | 6       | <0.0002  | <0.0002          | 0.0050         |              |
| Manganese (mg/L)                | 1  | <0.002   | <0.002         | 6       | 0.002    | <0.002 - 0.003   | 0.120 (0.020)  |              |
| Mercury (µg/L)                  | 1  | <0.0050  | <0.0050        | 7       | <0.0050  | <0.0050          | 1.000          |              |
| Nitrate (as N) dissolved (mg/L) | 5  | 0.10     | 0.07 - 0.19    | 28      | 0.08     | 0.02 - 0.19      | 10.00          |              |
| Nitrite (as N) dissolved (mg/L) | 5  | 0.02     | 0.02           | 28      | 0.02     | 0.02             | 1.00           |              |
| Selenium (mg/L)                 | 1  | 0.0003   | 0.0003         | 6       | 0.0003   | <0.0002 - 0.0003 | 0.0500         |              |
| Uranium (mg/L)                  | 1  | <0.0005  | <0.0005        | 6       | 0.0005   | <0.0005 - 0.0005 | 0.0200         |              |

## 2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

E.L. Smith Water Treatment Plant

June 2026



| Parameter (units)                                 | #  | Mean     | Range       | # (YTD) | YTD Mean | YTD Range         | MAC (AO or OG) | EPCOR Target |
|---------------------------------------------------|----|----------|-------------|---------|----------|-------------------|----------------|--------------|
| <b>Primary Organics</b>                           |    |          |             |         |          |                   |                |              |
| 2,4-D (µg/L)                                      |    |          |             | 2       | <0.050   | <0.050            | 100.00         |              |
| 2-methyl-4-chlorophenoxyacetic acid (MCPA) (µg/L) |    |          |             | 2       | <0.050   | <0.050            | 350.00         |              |
| Atrazine + metabolites (µg/L)                     |    |          |             | 2       | <0.10    | <0.10             | 5.0            |              |
| Benzene (µg/L)                                    | 30 | <0.5     | <0.5        | 181     | <0.50    | <0.5 - <0.50      | 5.0            |              |
| Benzo(a)pyrene (µg/L)                             |    |          |             | 2       | <0.005   | <0.005            | 0.040          |              |
| Bromoxynil (µg/L)                                 |    |          |             | 2       | <0.050   | <0.050            | 30.00          |              |
| Carbon Tetrachloride (µg/L)                       | 30 | <0.5     | <0.5        | 181     | <0.50    | <0.5 - <0.50      | 2.0            |              |
| Chlorpyrifos (µg/L)                               |    |          |             | 2       | <0.10    | <0.10             | 90.0           |              |
| Cyanazine (µg/L)                                  |    |          |             | 2       | <0.100   | <0.100            |                |              |
| Dicamba (µg/L)                                    |    |          |             | 2       | <1.00    | <0.10 - <1.00     | 110.00         |              |
| Dichlorobenzene (1,4) (µg/L)                      | 30 | <0.5     | <0.5        | 181     | <0.50    | <0.5 - <0.50      | 5.0 (1.0)      |              |
| Dichloroethane (1,2) (µg/L)                       |    |          |             | 2       | <0.50    | <0.50             | 5.00           |              |
| Dichlorophenol (2,4) (µg/L)                       |    |          |             | 2       | <0.20    | <0.20             |                |              |
| Dimethoate (µg/L)                                 |    |          |             | 2       | <0.050   | <0.050            | 20.00          |              |
| Diquat (µg/L)                                     |    |          |             | 2       | <1.0     | <1.0              | 50.0           |              |
| Ethylbenzene (µg/L)                               | 30 | <0.5     | <0.5        | 181     | <0.50    | <0.5 - <0.50      | 140.0 (1.6)    |              |
| Glyphosate (µg/L)                                 |    |          |             | 2       | <1.00    | <1.00             | 280.0          |              |
| Haloacetic acids total (HAA5) (µg/L)              | 1  | 16.0     | 16.0        | 6       | 15.7     | 11.3 - 18.8       | 80.0           | 40.0         |
| Malathion (µg/L)                                  |    |          |             | 2       | <0.0250  | <0.0250           | 290.000        |              |
| Methylene Chloride (Dichloromethane) (µg/L)       | 30 | <0.5     | <0.5        | 181     | <1.00    | <0.5 - <1.00      | 50.0           |              |
| Metribuzin (µg/L)                                 |    |          |             | 2       | <0.100   | <0.100            | 80.0           |              |
| Microcystin total (µg/L)                          |    |          |             | 2       | <0.15    | <0.15             | 1.50           |              |
| Nitrilotriacetic acid (NTA) (mg/L)                |    |          |             | 2       | <0.4     | <0.4              | 0.4            |              |
| Nitrosodimethylamine, N- [NDMA] (µg/L)            | 1  | <0.00108 | <0.00108    | 6       | 0.00104  | <0.0009 - 0.00104 | 0.0400         | 0.0100       |
| Omethoate (µg/L)                                  |    |          |             | 2       | <0.050   | <0.050            |                |              |
| Omethoate (as dimethoate) (µg/L)                  |    |          |             | 2       | <0.16    | <0.16             |                |              |
| Pentachlorophenol (µg/L)                          |    |          |             | 2       | <0.50    | <0.50             | 60.0 (30.0)    |              |
| Perfluorooctanesulfonic acid (PFOS) (ng/L)        |    |          |             | 2       | <2.0     | <2.0              |                |              |
| Perfluorooctanoic Acid (PFOA) (ng/L)              |    |          |             | 2       | <2.0     | <2.0              |                |              |
| Tetrachloroethylene (µg/L)                        | 30 | <0.5     | <0.5        | 181     | <0.50    | <0.5 - <0.50      | 10.0           |              |
| Toluene (µg/L)                                    | 30 | <0.5     | <0.5        | 181     | <0.50    | <0.5 - <0.50      | 60.0 (24.0)    |              |
| Total PFAS (ng/L)                                 |    |          |             | 2       | <12.0    | <12.0             |                |              |
| Trichloroethylene (µg/L)                          | 30 | <0.5     | <0.5        | 181     | <0.50    | <0.5 - <0.50      | 5.0            |              |
| Trichlorophenol (2,4,6) (µg/L)                    |    |          |             | 2       | <0.20    | <0.20             | 5.0 (2.0)      |              |
| Trihalomethanes (µg/L)                            | 30 | 22.4     | 13.4 - 28.2 | 181     | 14.3     | 5.3 - 28.3        | 100.0          | 50.0         |
| Vinyl Chloride (µg/L)                             | 30 | <1.0     | <1.0        | 181     | <1.0     | <0.50 - <1.0      | 2.00           |              |

## 2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

E.L. Smith Water Treatment Plant

June 2026



| Parameter (units)                          | #  | Mean     | Range         | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|--------------------------------------------|----|----------|---------------|---------|----------|------------------|----------------|--------------|
| <b>Secondary Inorganics</b>                |    |          |               |         |          |                  |                |              |
| Alkalinity total (mg CaCO <sub>3</sub> /L) | 30 | 107.8    | 92.0 - 117.0  | 181     | 118.3    | 92.0 - 139.0     |                |              |
| Aluminum (mg/L)                            | 1  | 0.039    | 0.039         | 6       | 0.058    | 0.018 - 0.081    | 2.900 (0.100)  |              |
| Ammonia as NH <sub>3</sub> (mg/L)          | 14 | 0.09     | 0.06 - 0.13   | 91      | 0.08     | <0.05 - 0.13     |                |              |
| Beryllium (mg/L)                           | 1  | <0.0002  | <0.0002       | 6       | <0.0002  | <0.0002          |                |              |
| Bromide Dissolved (mg/L)                   | 5  | 0.04     | <0.03 - 0.06  | 28      | 0.03     | <0.03 - 0.06     |                |              |
| Calcium (mg/L)                             | 1  | 50.7     | 50.7          | 6       | 48.9     | 41.3 - 52.2      |                |              |
| Calcium Hardness (mg/L CaCO <sub>3</sub> ) | 30 | 113.8    | 105.0 - 132.0 | 181     | 116.7    | 98.0 - 135.0     |                |              |
| Chloride Dissolved (mg/L)                  | 5  | 8.2      | 7.5 - 8.7     | 28      | 7.3      | 5.5 - 14.0       | (250.0)        |              |
| Chlorine free (mg/L)                       | 1  | <0.07    | <0.07         | 7       | <0.07    | <0.07            |                |              |
| Cobalt (mg/L)                              | 1  | <0.0002  | <0.0002       | 6       | 0.0002   | <0.0002 - 0.0002 |                |              |
| Copper (mg/L)                              | 1  | <0.002   | <0.002        | 6       | <0.002   | <0.002           | 2.000 (1.000)  |              |
| Iron (mg/L)                                | 1  | <0.005   | <0.005        | 6       | <0.005   | <0.005           | (0.100)        |              |
| Lithium (mg/L)                             | 1  | 0.0027   | 0.0027        | 6       | 0.0032   | 0.0027 - 0.0037  |                |              |
| Magnesium (mg/L)                           | 1  | 14.9     | 14.9          | 6       | 14.6     | 12.0 - 15.7      |                |              |
| Molybdenum (mg/L)                          | 1  | 0.0006   | 0.0006        | 6       | 0.0006   | 0.0006 - 0.0008  |                |              |
| Nickel (mg/L)                              | 1  | <0.0005  | <0.0005       | 6       | 0.0005   | <0.0005 - 0.0006 |                |              |
| Phosphate Ortho (as P) (mg/L as P)         | 1  | <0.02    | <0.02         | 6       | 0.02     | <0.02 - 0.02     |                |              |
| Phosphorus (mg/L)                          | 1  | <0.02    | <0.02         | 6       | <0.02    | <0.02            |                |              |
| Potassium (mg/L)                           | 1  | 0.8      | 0.8           | 6       | 1.0      | 0.7 - 2.0        |                |              |
| Silicon (mg/L)                             | 1  | 2.30     | 2.30          | 6       | 2.19     | 1.74 - 2.48      |                |              |
| Silver (mg/L)                              | 1  | <0.00002 | <0.00002      | 6       | <0.00002 | <0.00002         |                |              |
| Sodium (mg/L)                              | 1  | 14.4     | 14.4          | 6       | 12.1     | 7.2 - 21.6       | (200.0)        |              |
| Strontium (mg/L)                           | 1  | 0.447    | 0.447         | 6       | 0.451    | 0.397 - 0.478    | 7.000          |              |
| Sulphate Dissolved (mg/L)                  | 5  | 105.4    | 81.1 - 122.0  | 28      | 79.3     | 62.0 - 122.0     | (500.0)        |              |
| Sulphide (mg/L)                            |    |          |               | 2       | <0.0015  | <0.0015          | (0.0500)       |              |
| Thallium (mg/L)                            | 1  | <0.0002  | <0.0002       | 6       | <0.0002  | <0.0002          |                |              |
| Total Hardness (mg/L CaCO <sub>3</sub> )   | 30 | 168.3    | 158.0 - 182.0 | 181     | 176.1    | 148.0 - 204.0    |                |              |
| Vanadium (mg/L)                            | 1  | <0.0005  | <0.0005       | 6       | <0.0005  | <0.0005          |                |              |
| Zinc (mg/L)                                | 1  | <0.005   | <0.005        | 6       | <0.005   | <0.005           | (5.000)        |              |

## 2.2.4 TREATED WATER ENTERING THE DISTRIBUTION SYSTEM

E.L. Smith Water Treatment Plant

June 2026



| Parameter (units)                        | #  | Mean  | Range       | # (YTD) | YTD Mean | YTD Range    | MAC (AO or OG) | EPCOR Target |
|------------------------------------------|----|-------|-------------|---------|----------|--------------|----------------|--------------|
| <b>Secondary Organics</b>                |    |       |             |         |          |              |                |              |
| Xylenes total (µg/L)                     | 30 | <1.0  | <1.0        | 181     | <1.0     | <0.50 - <1.0 | 90.00 (20.00)  |              |
| Xylene (1,4) (µg/L)                      | 30 | <0.5  | <0.5        | 181     | <0.5     | <0.40 - <0.5 |                |              |
| Xylene (1,2) (µg/L)                      | 30 | <0.5  | <0.5        | 181     | <0.5     | <0.30 - <0.5 |                |              |
| Trichloroethane (1,1,1) (µg/L)           | 30 | <0.5  | <0.5        | 181     | <0.50    | <0.5 - <0.50 |                |              |
| Trichlorobenzene (1,2,4) (µg/L)          | 30 | <0.5  | <0.5        | 181     | <0.50    | <0.5 - <0.50 |                |              |
| Trichloroacetic acid (µg/L)              | 1  | 8.6   | 8.6         | 6       | 8.2      | 5.8 - 9.6    |                |              |
| Total Volatile Organics (Non THM) (µg/L) | 30 | 1.7   | <1.0 - 3.8  | 179     | 1.4      | <1.0 - 3.8   |                |              |
| Total Organic Carbon (mg/L)              | 5  | 2.4   | 1.2 - 3.1   | 26      | 1.6      | 0.9 - 3.1    |                |              |
| Tetrachloroethane (1,1,2,2) (µg/L)       | 30 | <0.5  | <0.5        | 181     | <0.50    | <0.5 - <0.50 |                |              |
| Styrene (µg/L)                           | 30 | <0.5  | <0.5        | 181     | <0.50    | <0.5 - <0.50 |                |              |
| Monochloroacetic acid (µg/L)             | 1  | <1.00 | <1.00       | 6       | <1.00    | <1.00        |                |              |
| Monobromoacetic acid (µg/L)              | 1  | <1.00 | <1.00       | 6       | <1.00    | <1.00        |                |              |
| Methyl t-Butyl Ether (MTBE) (µg/L)       | 30 | <0.5  | <0.5        | 181     | <0.50    | <0.5 - <0.50 | 100.0 (15.0)   | 50.0         |
| Methyl Isobutyl Ketone (MIBK) (µg/L)     | 30 | <1.0  | <1.0        | 181     | <20      | <1.0 - <20   |                |              |
| Dichloropropane (1,2) (µg/L)             | 30 | <0.5  | <0.5        | 181     | <0.50    | <0.5 - <0.50 |                |              |
| Dichloroethylene trans (1,2) (µg/L)      | 30 | <0.5  | <0.5        | 181     | <0.50    | <0.5 - <0.50 |                |              |
| Dichloroethylene cis (1,2) (µg/L)        | 30 | <0.5  | <0.5        | 181     | <0.50    | <0.5 - <0.50 |                |              |
| Dichloroethylene (1,1) (µg/L)            | 30 | <0.5  | <0.5        | 181     | <0.50    | <0.5 - <0.50 | 14.0           |              |
| Dichloroethane (1,2) (µg/L)              | 30 | <0.5  | <0.5        | 179     | <0.5     | <0.5         | 5.0            |              |
| Dichlorobenzene (1,3) (µg/L)             | 30 | <0.5  | <0.5        | 181     | <0.50    | <0.5 - <0.50 |                |              |
| Dichlorobenzene (1,2) (µg/L)             | 30 | <0.5  | <0.5        | 181     | <0.50    | <0.5 - <0.50 | 200.0 (3.0)    |              |
| Dichloroacetic acid (µg/L)               | 1  | 7.3   | 7.3         | 6       | 7.4      | 5.5 - 9.7    |                |              |
| Dibromochloromethane (µg/L)              | 30 | <0.5  | <0.5        | 181     | <0.50    | <0.5 - <0.50 |                |              |
| Dibromoacetic acid (µg/L)                | 1  | <1.00 | <1.00       | 6       | <1.00    | <1.00        |                |              |
| Chloroform (µg/L)                        | 30 | 21.0  | 11.9 - 26.3 | 181     | 13.2     | 3.8 - 26.3   | (40.0)         |              |
| Chlorobenzene (µg/L)                     | 30 | <0.5  | <0.5        | 181     | <0.50    | <0.5 - <0.50 |                |              |
| Bromoform (µg/L)                         | 30 | <0.5  | <0.5        | 181     | <0.50    | <0.5 - <0.50 |                |              |
| Bromodichloromethane (µg/L)              | 30 | 1.2   | 0.8 - 1.9   | 181     | 1.0      | <0.5 - 2.1   |                |              |
| Bromochloroacetic acid (µg/L)            | 1  | <1.00 | <1.00       | 6       | <1.00    | <1.00        |                |              |
| <b>Radionuclides</b>                     |    |       |             |         |          |              |                |              |
| Gross Beta (Bq/L)                        |    |       |             | 1       | <0.05    | <0.05        | 1.00           |              |
| Gross Alpha (Bq/L)                       |    |       |             | 1       | <0.12    | <0.12        | 0.50           |              |

## 2.2.5 TREATED WATER ENTERING THE PLANT RESERVOIR

E.L. Smith and Rossdale Reservoirs

June 2026



| Parameter (units)                           | #  | Mean  | Range         | # (YTD) | YTD Mean | YTD Range     | MAC (AO or OG) | EPCOR Target |
|---------------------------------------------|----|-------|---------------|---------|----------|---------------|----------------|--------------|
| <b>Physical</b>                             |    |       |               |         |          |               |                |              |
| <b>EL Smith Combined Filter Effluent</b>    |    |       |               |         |          |               |                |              |
| UV 254 % Transmittance (%T/cm)              | 30 | 95.9  | 90.8          | 181     | 97.4     | 90.8 - 97.4   |                |              |
| UV Absorbance (UV Abs/cm)                   | 30 | 0.034 | 0.018 - 0.042 | 181     | 0.025    | 0.011 - 0.042 |                |              |
| <b>EL Smith Treated</b>                     |    |       |               |         |          |               |                |              |
| Turbidity (NTU)                             | 30 | 0.05  | <0.04 - 0.12  | 181     | 0.04     | <0.04 - 0.12  | (3.00)         | 0.10         |
| <b>Rossdale Filter Effluent</b>             |    |       |               |         |          |               |                |              |
| UV 254 % Transmittance (%T/cm)              | 30 | 94.8  | 89.5          | 178     | 96.9     | 89.5 - 96.9   |                |              |
| UV Absorbance (UV Abs/cm)                   | 30 | 0.036 | 0.023 - 0.048 | 178     | 0.026    | 0.014 - 0.048 |                |              |
| <b>Rossdale Treated</b>                     |    |       |               |         |          |               |                |              |
| Turbidity (NTU)                             | 30 | 0.05  | <0.04 - 0.10  | 178     | 0.04     | <0.04 - 0.10  | (3.00)         | 0.10         |
| <b>Primary Organics</b>                     |    |       |               |         |          |               |                |              |
| <b>EL Smith Treated</b>                     |    |       |               |         |          |               |                |              |
| Benzene (µg/L)                              | 30 | <0.5  | <0.5          | 181     | <0.50    | <0.5 - <0.50  | 5.0            |              |
| Carbon Tetrachloride (µg/L)                 | 30 | <0.5  | <0.5          | 181     | <0.50    | <0.5 - <0.50  | 2.0            |              |
| Dichlorobenzene (1,4) (µg/L)                | 30 | <0.5  | <0.5          | 181     | <0.50    | <0.5 - <0.50  | 5.0 (1.0)      |              |
| Ethylbenzene (µg/L)                         | 30 | <0.5  | <0.5          | 181     | <0.50    | <0.5 - <0.50  | 140.0 (1.6)    |              |
| Methylene Chloride (Dichloromethane) (µg/L) | 30 | <0.5  | <0.5          | 181     | <1.00    | <0.5 - <1.00  | 50.0           |              |
| Tetrachloroethylene (µg/L)                  | 30 | <0.5  | <0.5          | 181     | <0.50    | <0.5 - <0.50  | 10.0           |              |
| Toluene (µg/L)                              | 30 | <0.5  | <0.5          | 181     | <0.50    | <0.5 - <0.50  | 60.0 (24.0)    |              |
| Trichloroethylene (µg/L)                    | 30 | <0.5  | <0.5          | 181     | <0.50    | <0.5 - <0.50  | 5.0            |              |
| Trihalomethanes (µg/L)                      | 30 | 17.5  | 10.6 - 23.0   | 181     | 11.4     | 4.2 - 23.0    | 100.0          | 50.0         |
| Vinyl Chloride (µg/L)                       | 30 | <1.0  | <1.0          | 181     | <1.0     | <0.50 - <1.0  | 2.00           |              |
| <b>Rossdale Treated</b>                     |    |       |               |         |          |               |                |              |
| Benzene (µg/L)                              | 30 | <0.5  | <0.5          | 178     | <0.50    | <0.5 - <0.50  | 5.0            |              |
| Carbon Tetrachloride (µg/L)                 | 30 | <0.5  | <0.5          | 178     | <0.50    | <0.5 - <0.50  | 2.0            |              |
| Dichlorobenzene (1,4) (µg/L)                | 30 | <0.5  | <0.5          | 178     | <0.50    | <0.5 - <0.50  | 5.0 (1.0)      |              |
| Ethylbenzene (µg/L)                         | 30 | <0.5  | <0.5          | 178     | <0.50    | <0.5 - <0.50  | 140.0 (1.6)    |              |
| Methylene Chloride (Dichloromethane) (µg/L) | 30 | <0.5  | <0.5          | 178     | <1.00    | <0.5 - <1.00  | 50.0           |              |
| Tetrachloroethylene (µg/L)                  | 30 | <0.5  | <0.5          | 178     | <0.50    | <0.5 - <0.50  | 10.0           |              |
| Toluene (µg/L)                              | 30 | <0.5  | <0.5          | 178     | <0.50    | <0.5 - <0.50  | 60.0 (24.0)    |              |
| Trichloroethylene (µg/L)                    | 30 | <0.5  | <0.5          | 178     | <0.50    | <0.5 - <0.50  | 5.0            |              |
| Trihalomethanes (µg/L)                      | 30 | 20.3  | 13.3 - 29.3   | 178     | 13.6     | 4.8 - 29.3    | 100.0          | 50.0         |
| Vinyl Chloride (µg/L)                       | 30 | <1.0  | <1.0          | 178     | <1.0     | <0.50 - <1.0  | 2.00           |              |

## 2.2.5 TREATED WATER ENTERING THE PLANT RESERVOIR

E.L. Smith and Rosedale Reservoirs

June 2026



| Parameter (units)               | #  | Mean  | Range          | # (YTD) | YTD Mean | YTD Range      | MAC (AO or OG) | EPCOR Target |
|---------------------------------|----|-------|----------------|---------|----------|----------------|----------------|--------------|
| <b>Primary Inorganics</b>       |    |       |                |         |          |                |                |              |
| <b>EL Smith Treated</b>         |    |       |                |         |          |                |                |              |
| Bromate Dissolved (mg/L)        | 5  | 0.006 | <0.005 - 0.010 | 28      | 0.005    | <0.005 - 0.010 | 0.010          |              |
| Chlorate Dissolved (mg/L)       | 5  | 0.13  | 0.11 - 0.15    | 28      | 0.12     | 0.08 - 0.17    | 1.00           |              |
| Chlorite Dissolved (mg/L)       | 5  | 0.006 | <0.005 - 0.010 | 28      | 0.005    | <0.005 - 0.010 | 1.000          |              |
| Nitrate (as N) dissolved (mg/L) | 5  | 0.15  | 0.07 - 0.41    | 28      | 0.09     | 0.02 - 0.41    | 10.00          |              |
| Nitrite (as N) dissolved (mg/L) | 5  | 0.02  | 0.02           | 28      | 0.02     | <0.02 - 0.02   | 1.00           |              |
| <b>Rosedale Treated</b>         |    |       |                |         |          |                |                |              |
| Bromate Dissolved (mg/L)        | 5  | 0.006 | <0.005 - 0.010 | 28      | 0.005    | <0.005 - 0.010 | 0.010          |              |
| Chlorate Dissolved (mg/L)       | 5  | 0.28  | 0.11 - 0.36    | 28      | 0.28     | 0.11 - 0.48    | 1.00           |              |
| Chlorite Dissolved (mg/L)       | 5  | 0.006 | <0.005 - 0.010 | 28      | 0.006    | <0.005 - 0.037 | 1.000          |              |
| Nitrate (as N) dissolved (mg/L) | 5  | 0.11  | 0.07 - 0.19    | 28      | 0.09     | 0.01 - 0.21    | 10.00          |              |
| Nitrite (as N) dissolved (mg/L) | 5  | 0.02  | 0.02           | 28      | 0.02     | 0.02           | 1.00           |              |
| <b>Secondary Inorganics</b>     |    |       |                |         |          |                |                |              |
| <b>EL Smith Treated</b>         |    |       |                |         |          |                |                |              |
| Ammonia as NH3 (mg/L)           | 14 | 0.09  | 0.06 - 0.12    | 91      | 0.08     | <0.05 - 0.13   |                |              |
| Bromide Dissolved (mg/L)        | 5  | 0.04  | <0.03 - 0.06   | 28      | 0.03     | <0.03 - 0.06   |                |              |
| Chloride Dissolved (mg/L)       | 5  | 8.5   | 7.5 - 10.6     | 28      | 7.4      | 5.6 - 13.0     | (250.0)        |              |
| Sulphate Dissolved (mg/L)       | 5  | 113.4 | 80.0 - 147.0   | 28      | 80.9     | 62.1 - 147.0   | (500.0)        |              |
| <b>Rosedale Treated</b>         |    |       |                |         |          |                |                |              |
| Ammonia as NH3 (mg/L)           | 14 | 0.06  | <0.05 - 0.10   | 88      | 0.08     | <0.05 - 0.19   |                |              |
| Bromide Dissolved (mg/L)        | 5  | 0.04  | <0.03 - 0.06   | 28      | 0.03     | <0.03 - 0.06   |                |              |
| Chloride Dissolved (mg/L)       | 5  | 9.6   | 6.7 - 12.9     | 28      | 8.2      | 4.9 - 14.7     | (250.0)        |              |
| Sulphate Dissolved (mg/L)       | 5  | 94.7  | 78.5 - 118.0   | 28      | 76.4     | 62.4 - 118.0   | (500.0)        |              |

## 2.2.5 TREATED WATER ENTERING THE PLANT RESERVOIR

E.L. Smith and Rossdale Reservoirs

June 2026



| Parameter (units)                        | #  | Mean | Range       | # (YTD) | YTD Mean | YTD Range    | MAC (AO or OG) | EPCOR Target |
|------------------------------------------|----|------|-------------|---------|----------|--------------|----------------|--------------|
| <b>Secondary Organics</b>                |    |      |             |         |          |              |                |              |
| <b>EL Smith Treated</b>                  |    |      |             |         |          |              |                |              |
| Bromodichloromethane (µg/L)              | 30 | 1.0  | 0.7 - 1.5   | 181     | 0.8      | <0.5 - 1.7   |                |              |
| Bromoform (µg/L)                         | 30 | <0.5 | <0.5        | 181     | <0.50    | <0.5 - <0.50 |                |              |
| Chlorobenzene (µg/L)                     | 30 | <0.5 | <0.5        | 181     | <0.50    | <0.5 - <0.50 |                |              |
| Chloroform (µg/L)                        | 30 | 16.2 | 9.4 - 21.3  | 181     | 10.4     | 3.2 - 21.3   | (40.0)         |              |
| Dibromochloromethane (µg/L)              | 30 | <0.5 | <0.5        | 181     | <0.50    | <0.5 - <0.50 |                |              |
| Dichlorobenzene (1,2) (µg/L)             | 30 | <0.5 | <0.5        | 181     | <0.50    | <0.5 - <0.50 | 200.0 (3.0)    |              |
| Dichlorobenzene (1,3) (µg/L)             | 30 | <0.5 | <0.5        | 181     | <0.50    | <0.5 - <0.50 |                |              |
| Dichloroethylene (1,1) (µg/L)            | 30 | <0.5 | <0.5        | 181     | <0.50    | <0.5 - <0.50 | 14.0           |              |
| Dichloroethylene cis (1,2) (µg/L)        | 30 | <0.5 | <0.5        | 181     | <0.50    | <0.5 - <0.50 |                |              |
| Dichloroethylene trans (1,2) (µg/L)      | 30 | <0.5 | <0.5        | 181     | <0.50    | <0.5 - <0.50 |                |              |
| Dichloropropane (1,2) (µg/L)             | 30 | <0.5 | <0.5        | 181     | <0.50    | <0.5 - <0.50 |                |              |
| Methyl Isobutyl Ketone (MIBK) (µg/L)     | 30 | <1.0 | <1.0        | 181     | <20      | <1.0 - <20   |                |              |
| Methyl t-Butyl Ether (MTBE) (µg/L)       | 30 | <0.5 | <0.5        | 181     | <0.50    | <0.5 - <0.50 | 100.0 (15.0)   | 50.0         |
| Styrene (µg/L)                           | 30 | <0.5 | <0.5        | 181     | <0.50    | <0.5 - <0.50 |                |              |
| Tetrachloroethane (1,1,2,2) (µg/L)       | 30 | <0.5 | <0.5        | 181     | <0.50    | <0.5 - <0.50 |                |              |
| Total Volatile Organics (Non THM) (µg/L) | 30 | 1.6  | <1.0 - 3.8  | 179     | 1.4      | <1.0 - 3.9   |                |              |
| Trichlorobenzene (1,2,4) (µg/L)          | 30 | <0.5 | <0.5        | 181     | <0.50    | <0.5 - <0.50 |                |              |
| Xylene (1,2) (µg/L)                      | 30 | <0.5 | <0.5        | 181     | <0.5     | <0.30 - <0.5 |                |              |
| Xylene (1,4) (µg/L)                      | 30 | <0.5 | <0.5        | 181     | <0.5     | <0.40 - <0.5 |                |              |
| Xylenes total (µg/L)                     | 30 | <1.0 | <1.0        | 181     | <1.0     | <0.50 - <1.0 | 90.00 (20.00)  |              |
| <b>Rossdale Treated</b>                  |    |      |             |         |          |              |                |              |
| Bromodichloromethane (µg/L)              | 30 | 1.5  | 1.0 - 2.3   | 178     | 1.1      | 0.5 - 2.3    |                |              |
| Bromoform (µg/L)                         | 30 | <0.5 | <0.5        | 178     | <0.50    | <0.5 - <0.50 |                |              |
| Chlorobenzene (µg/L)                     | 30 | <0.5 | <0.5        | 178     | <0.50    | <0.5 - <0.50 |                |              |
| Chloroform (µg/L)                        | 30 | 18.6 | 11.0 - 27.2 | 178     | 12.3     | 3.5 - 27.2   | (40.0)         |              |
| Dibromochloromethane (µg/L)              | 30 | <0.5 | <0.5        | 178     | <0.50    | <0.5 - <0.50 |                |              |
| Dichlorobenzene (1,2) (µg/L)             | 30 | <0.5 | <0.5        | 178     | <0.50    | <0.5 - <0.50 | 200.0 (3.0)    |              |
| Dichlorobenzene (1,3) (µg/L)             | 30 | <0.5 | <0.5        | 178     | <0.50    | <0.5 - <0.50 |                |              |
| Dichloroethylene (1,1) (µg/L)            | 30 | <0.5 | <0.5        | 178     | <0.50    | <0.5 - <0.50 | 14.0           |              |
| Dichloroethylene cis (1,2) (µg/L)        | 30 | <0.5 | <0.5        | 178     | <0.50    | <0.5 - <0.50 |                |              |
| Dichloroethylene trans (1,2) (µg/L)      | 30 | <0.5 | <0.5        | 178     | <0.50    | <0.5 - <0.50 |                |              |
| Dichloropropane (1,2) (µg/L)             | 30 | <0.5 | <0.5        | 178     | <0.50    | <0.5 - <0.50 |                |              |
| Methyl Isobutyl Ketone (MIBK) (µg/L)     | 30 | <1.0 | <1.0        | 178     | <20      | <1.0 - <20   |                |              |
| Methyl t-Butyl Ether (MTBE) (µg/L)       | 30 | <0.5 | <0.5        | 178     | <0.50    | <0.5 - <0.50 | 100.0 (15.0)   | 50.0         |
| Styrene (µg/L)                           | 30 | <0.5 | <0.5        | 178     | <0.50    | <0.5 - <0.50 |                |              |
| Tetrachloroethane (1,1,2,2) (µg/L)       | 30 | <0.5 | <0.5        | 178     | <0.50    | <0.5 - <0.50 |                |              |
| Total Volatile Organics (Non THM) (µg/L) | 30 | 1.7  | <1.0 - 4.2  | 176     | 1.5      | <1.0 - 4.2   |                |              |
| Trichlorobenzene (1,2,4) (µg/L)          | 30 | <0.5 | <0.5        | 178     | <0.50    | <0.5 - <0.50 |                |              |
| Xylene (1,2) (µg/L)                      | 30 | <0.5 | <0.5        | 178     | <0.5     | <0.30 - <0.5 |                |              |
| Xylene (1,4) (µg/L)                      | 30 | <0.5 | <0.5        | 178     | 0.50     | <0.40 - 0.70 |                |              |
| Xylenes total (µg/L)                     | 30 | <1.0 | <1.0        | 178     | <1.0     | <0.50 - <1.0 | 90.00 (20.00)  |              |

## 2.2.6 Routine Distribution System (Excluding Field Reservoirs)

June 2026



| Parameter (units)               | #   | Mean         | Range        | # (YTD) | YTD Mean     | YTD Range        | MAC (AO or OG) | EPCOR Target |
|---------------------------------|-----|--------------|--------------|---------|--------------|------------------|----------------|--------------|
| <b>Microbiologicals</b>         |     |              |              |         |              |                  |                |              |
| Coliforms total (MPN/100 mL)    | 4   | Not Detected | Not Detected | 22      | 21.0         | 461.1            | 0.0            |              |
| Coliforms total (PA/100mL)      | 181 | -VE          | -VE          | 1012    | -VE          | +VE - -VE        | 0.0            |              |
| E. coli (MPN/100 mL)            | 4   | Not Detected | Not Detected | 22      | Not Detected | Not Detected     | 0.0            |              |
| E. coli (PA/100mL)              | 181 | -VE          | -VE          | 1012    | -VE          | -VE              | 0.0            |              |
| <b>Physical</b>                 |     |              |              |         |              |                  |                |              |
| Colour (TCU)                    |     |              |              | 2       | 0.7          | <0.5 - 0.8       | (15.0)         | 10.0         |
| Conductivity (µS/cm)            |     |              |              | 1       | 387.0        | 387.0            |                |              |
| pH                              | 2   | 8            | 8            | 12      | 8            | 8                |                | 7 - 8        |
| Total Dissolved Solids (mg/L)   |     |              |              | 2       | 175.50       | 127.00 - 224.00  | (500.00)       |              |
| Turbidity (NTU)                 | 185 | 0.27         | <0.04 - 4.62 | 1038    | 0.19         | <0.04 - 4.62     | (3.00)         | 1.00         |
| UV Absorbance (UV Abs/cm)       |     |              |              | 2       | 0.030        | 0.029 - 0.032    |                |              |
| <b>Primary Inorganics</b>       |     |              |              |         |              |                  |                |              |
| Antimony (mg/L)                 |     |              |              | 3       | <0.0005      | <0.0005          | 0.0060         |              |
| Arsenic (mg/L)                  |     |              |              | 3       | 0.0002       | <0.0002 - 0.0002 | 0.0100         |              |
| Barium (mg/L)                   |     |              |              | 3       | 0.059        | 0.054 - 0.063    | 2.000          |              |
| Boron (mg/L)                    |     |              |              | 3       | 0.011        | 0.010 - 0.012    | 5.000          |              |
| Bromate Dissolved (mg/L)        | 2   | <0.005       | <0.005       | 11      | <0.005       | <0.005           | 0.010          |              |
| Cadmium (mg/L)                  |     |              |              | 3       | <0.00002     | <0.00002         | 0.00700        |              |
| Chlorate Dissolved (mg/L)       | 2   | 0.27         | 0.21 - 0.34  | 11      | 0.18         | 0.10 - 0.34      | 1.00           |              |
| Chlorine total (mg/L)           | 185 | 1.69         | 0.45 - 2.11  | 1038    | 1.81         | 0.35 - 2.42      |                | 1.00 - 2.40  |
| Chlorite Dissolved (mg/L)       | 2   | <0.005       | <0.005       | 11      | <0.005       | <0.005           | 1.000          |              |
| Chromium (mg/L)                 |     |              |              | 3       | <0.0002      | <0.0002          | 0.0500         |              |
| Cyanide (mg/L)                  |     |              |              | 2       | <0.002       | <0.002           | 0.200          |              |
| Fluoride (mg/L)                 |     |              |              | 3       | 0.66         | 0.64 - 0.69      | 1.50           | 0.60 - 0.80  |
| Lead (mg/L)                     |     |              |              | 3       | <0.0002      | <0.0002          | 0.0050         |              |
| Manganese (mg/L)                |     |              |              | 3       | <0.002       | <0.002           | 0.120 (0.020)  |              |
| Mercury (µg/L)                  |     |              |              | 2       | <0.0050      | <0.0050          | 1.000          |              |
| Nitrate (as N) dissolved (mg/L) | 33  | 0.15         | 0.06 - 0.44  | 42      | 0.14         | 0.03 - 0.44      | 10.00          |              |
| Nitrite (as N) dissolved (mg/L) | 33  | 0.02         | 0.01 - 0.02  | 42      | 0.02         | 0.01 - 0.02      | 1.00           |              |
| Selenium (mg/L)                 |     |              |              | 3       | 0.0002       | <0.0002 - 0.0003 | 0.0500         |              |
| Uranium (mg/L)                  |     |              |              | 3       | 0.0005       | <0.0005 - 0.0005 | 0.0200         |              |

## 2.2.6 Routine Distribution System (Excluding Field Reservoirs)

June 2026



| Parameter (units)                                 | # | Mean    | Range              | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|---------------------------------------------------|---|---------|--------------------|---------|----------|------------------|----------------|--------------|
| <b>Primary Organics</b>                           |   |         |                    |         |          |                  |                |              |
| 2,4-D (µg/L)                                      |   |         |                    | 2       | <0.050   | <0.050           | 100.00         |              |
| 2-methyl-4-chlorophenoxyacetic acid (MCPA) (µg/L) |   |         |                    | 2       | <0.050   | <0.050           | 350.00         |              |
| Atrazine + metabolites (µg/L)                     |   |         |                    | 2       | <0.10    | <0.10            | 5.0            |              |
| Benzene (µg/L)                                    | 6 | <0.5    | <0.5               | 35      | <0.5     | <0.5             | 5.0            |              |
| Benzo(a)pyrene (µg/L)                             |   |         |                    | 2       | <0.005   | <0.005           | 0.040          |              |
| Bromoxynil (µg/L)                                 |   |         |                    | 2       | <0.050   | <0.050           | 30.00          |              |
| Carbon Tetrachloride (µg/L)                       | 6 | <0.5    | <0.5               | 35      | <0.5     | <0.5             | 2.0            |              |
| Chlorpyrifos (µg/L)                               |   |         |                    | 2       | <0.10    | <0.10            | 90.0           |              |
| Cyanazine (µg/L)                                  |   |         |                    | 2       | <0.100   | <0.100           |                |              |
| Dicamba (µg/L)                                    |   |         |                    | 2       | <1.00    | <0.10 - <1.00    | 110.00         |              |
| Dichlorobenzene (1,4) (µg/L)                      | 6 | <0.5    | <0.5               | 35      | <0.5     | <0.5             | 5.0 (1.0)      |              |
| Dichloroethane (1,2) (µg/L)                       | 6 | <0.5    | <0.5               | 35      | <0.5     | <0.5             | 5.0            |              |
| Dichlorophenol (2,4) (µg/L)                       |   |         |                    | 2       | <0.20    | <0.20            |                |              |
| Dimethoate (µg/L)                                 |   |         |                    | 2       | <0.050   | <0.050           | 20.00          |              |
| Diquat (µg/L)                                     |   |         |                    | 2       | <1.0     | <1.0             | 50.0           |              |
| Ethylbenzene (µg/L)                               | 6 | <0.5    | <0.5               | 35      | <0.5     | <0.5             | 140.0 (1.6)    |              |
| Glyphosate (µg/L)                                 |   |         |                    | 2       | <1.00    | <1.00            | 280.0          |              |
| Haloacetic acids total (HAA5) (µg/L)              | 3 | 24.2    | 22.3 - 26.5        | 19      | 18.6     | 9.3 - 26.5       | 80.0           | 40.0         |
| Malathion (µg/L)                                  |   |         |                    | 2       | <0.0250  | <0.0250          | 290.000        |              |
| Methylene Chloride (Dichloromethane) (µg/L)       | 6 | <0.5    | <0.5               | 35      | <0.5     | <0.5             | 50.0           |              |
| Metribuzin (µg/L)                                 |   |         |                    | 2       | <0.100   | <0.100           | 80.0           |              |
| Microcystin total (µg/L)                          |   |         |                    | 2       | <0.15    | <0.15            | 1.50           |              |
| Nitrilotriacetic acid (NTA) (mg/L)                |   |         |                    | 2       | <0.4     | <0.4             | 0.4            |              |
| Nitrosodimethylamine, N- [NDMA] (µg/L)            | 3 | 0.00183 | <0.00135 - 0.00207 | 17      | 0.00414  | <0.0009 - 0.0041 | 0.0400         | 0.0100       |
| Omethoate (µg/L)                                  |   |         |                    | 2       | <0.050   | <0.050           |                |              |
| Omethoate (as dimethoate) (µg/L)                  |   |         |                    | 2       | <0.16    | <0.16            |                |              |
| Pentachlorophenol (µg/L)                          |   |         |                    | 2       | <0.50    | <0.50            | 60.0 (30.0)    |              |
| Perfluorooctanesulfonic acid (PFOS) (ng/L)        |   |         |                    | 2       | <2.0     | <2.0             |                |              |
| Perfluorooctanoic Acid (PFOA) (ng/L)              |   |         |                    | 2       | <2.0     | <2.0             |                |              |
| Tetrachloroethylene (µg/L)                        | 6 | <0.5    | <0.5               | 35      | <0.5     | <0.5             | 10.0           |              |
| Toluene (µg/L)                                    | 6 | <0.5    | <0.5               | 35      | <0.5     | <0.5             | 60.0 (24.0)    |              |
| Total PFAS (ng/L)                                 |   |         |                    | 2       | <12.0    | <12.0            |                |              |
| Trichloroethylene (µg/L)                          | 6 | <0.5    | <0.5               | 35      | <0.5     | <0.5             | 5.0            |              |
| Trichlorophenol (2,4,6) (µg/L)                    |   |         |                    | 2       | <0.20    | <0.20            | 5.0 (2.0)      |              |
| Trihalomethanes (µg/L)                            | 6 | 28.3    | 20.9 - 35.3        | 35      | 17.8     | 7.7 - 35.3       | 100.0          | 50.0         |
| Vinyl Chloride (µg/L)                             | 6 | <1.0    | <1.0               | 35      | <1.0     | <1.0             | 2.0            |              |

## 2.2.6 Routine Distribution System (Excluding Field Reservoirs)

June 2026



| Parameter (units)                          | #  | Mean  | Range       | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|--------------------------------------------|----|-------|-------------|---------|----------|------------------|----------------|--------------|
| <b>Secondary Inorganics</b>                |    |       |             |         |          |                  |                |              |
| Alkalinity total (mg CaCO <sub>3</sub> /L) |    |       |             | 3       | 113.0    | 101.0 - 123.0    |                |              |
| Aluminum (mg/L)                            |    |       |             | 3       | 0.043    | 0.009 - 0.083    | 2.900 (0.100)  |              |
| Ammonia as NH <sub>3</sub> (mg/L)          | 33 | 0.17  | 0.12 - 0.26 | 42      | 0.14     | 0.07 - 0.26      |                |              |
| Beryllium (mg/L)                           |    |       |             | 3       | <0.0002  | <0.0002          |                |              |
| Bromide Dissolved (mg/L)                   | 2  | <0.03 | <0.03       | 11      | 0.03     | <0.03            |                |              |
| Calcium (mg/L)                             |    |       |             | 3       | 46.6     | 41.9 - 50.7      |                |              |
| Calcium Hardness (mg/L CaCO <sub>3</sub> ) |    |       |             | 1       | 105.0    | 105.0            |                |              |
| Chloride Dissolved (mg/L)                  | 2  | 7.0   | 6.9 - 7.1   | 11      | 6.8      | 5.3 - 8.5        | (250.0)        |              |
| Chlorine free (mg/L)                       |    |       |             | 2       | <0.07    | <0.07            |                |              |
| Cobalt (mg/L)                              |    |       |             | 3       | <0.0002  | <0.0002          |                |              |
| Copper (mg/L)                              |    |       |             | 3       | 0.004    | <0.002 - 0.007   | 2.000 (1.000)  |              |
| Iron (mg/L)                                |    |       |             | 3       | <0.005   | <0.005           | (0.100)        |              |
| Lithium (mg/L)                             |    |       |             | 3       | 0.0033   | 0.0031 - 0.0037  |                |              |
| Magnesium (mg/L)                           |    |       |             | 3       | 13.9     | 12.5 - 15.5      |                |              |
| Molybdenum (mg/L)                          |    |       |             | 3       | 0.0007   | 0.0006 - 0.0008  |                |              |
| Nickel (mg/L)                              |    |       |             | 3       | 0.0006   | <0.0005 - 0.0008 |                |              |
| Phosphate Ortho (as P) (mg/L as P)         | 2  | 0.88  | 0.86 - 0.90 | 10      | 0.89     | 0.86 - 0.92      |                |              |
| Phosphorus (mg/L)                          |    |       |             | 3       | 0.98     | 0.94 - 1.01      |                |              |
| Potassium (mg/L)                           |    |       |             | 3       | 1.2      | 0.7 - 1.7        |                |              |
| Silicon (mg/L)                             |    |       |             | 3       | 2.13     | 1.91 - 2.46      |                |              |
| Silver (mg/L)                              |    |       |             | 3       | <0.00002 | <0.00002         |                |              |
| Sodium (mg/L)                              |    |       |             | 3       | 14.0     | 7.9 - 17.7       | (200.0)        |              |
| Strontium (mg/L)                           |    |       |             | 3       | 0.446    | 0.415 - 0.474    | 7.000          |              |
| Sulphate Dissolved (mg/L)                  | 2  | 77.0  | 75.8 - 78.1 | 11      | 72.4     | 64.8 - 78.1      | (500.0)        |              |
| Sulphide (mg/L)                            |    |       |             | 2       | <0.0015  | <0.0015          | (0.0500)       |              |
| Thallium (mg/L)                            |    |       |             | 3       | <0.0002  | <0.0002          |                |              |
| Total Hardness (mg/L CaCO <sub>3</sub> )   |    |       |             | 3       | 169.0    | 156.0 - 181.0    |                |              |
| Vanadium (mg/L)                            |    |       |             | 3       | <0.0005  | <0.0005          |                |              |
| Zinc (mg/L)                                |    |       |             | 3       | <0.005   | <0.005           | (5.000)        |              |

## 2.2.6 Routine Distribution System (Excluding Field Reservoirs)

June 2026



| Parameter (units)                        | # | Mean  | Range       | # (YTD) | YTD Mean | YTD Range   | MAC (AO or OG) | EPCOR Target |
|------------------------------------------|---|-------|-------------|---------|----------|-------------|----------------|--------------|
| <b>Secondary Organics</b>                |   |       |             |         |          |             |                |              |
| Bromochloroacetic acid (µg/L)            | 3 | <1.00 | <1.00       | 19      | <1.00    | <1.00       |                |              |
| Bromodichloromethane (µg/L)              | 6 | 1.3   | 1.1 - 1.5   | 35      | 1.2      | <0.5 - 1.9  |                |              |
| Bromoform (µg/L)                         | 6 | <0.5  | <0.5        | 35      | <0.5     | <0.5        |                |              |
| Chlorobenzene (µg/L)                     | 6 | <0.5  | <0.5        | 35      | <0.5     | <0.5        |                |              |
| Chloroform (µg/L)                        | 6 | 26.5  | 19.6 - 33.3 | 35      | 16.4     | 6.8 - 33.3  |                |              |
| Dibromoacetic acid (µg/L)                | 3 | <1.00 | <1.00       | 19      | <1.00    | <1.00       |                |              |
| Dibromochloromethane (µg/L)              | 6 | <0.5  | <0.5        | 35      | <0.5     | <0.5        |                |              |
| Dichloroacetic acid (µg/L)               | 3 | 11.4  | 10.7 - 12.1 | 19      | 9.2      | 4.6 - 12.2  |                |              |
| Dichlorobenzene (1,2) (µg/L)             | 6 | <0.5  | <0.5        | 35      | <0.5     | <0.5        |                |              |
| Dichlorobenzene (1,3) (µg/L)             | 6 | <0.5  | <0.5        | 35      | <0.5     | <0.5        |                |              |
| Dichloroethylene (1,1) (µg/L)            | 6 | <0.5  | <0.5        | 35      | <0.5     | <0.5        | 14.0           |              |
| Dichloroethylene cis (1,2) (µg/L)        | 6 | <0.5  | <0.5        | 35      | <0.5     | <0.5        |                |              |
| Dichloroethylene trans (1,2) (µg/L)      | 6 | <0.5  | <0.5        | 35      | <0.5     | <0.5        |                |              |
| Dichloropropane (1,2) (µg/L)             | 6 | <0.5  | <0.5        | 35      | <0.5     | <0.5        |                |              |
| Methyl Isobutyl Ketone (MIBK) (µg/L)     | 6 | <1.0  | <1.0        | 35      | <1.0     | <1.0        |                |              |
| Methyl t-Butyl Ether (MTBE) (µg/L)       | 6 | <0.5  | <0.5        | 35      | <0.5     | <0.5        | (15.0)         |              |
| Monobromoacetic acid (µg/L)              | 3 | <1.00 | <1.00       | 19      | <1.00    | <1.00       |                |              |
| Monochloroacetic acid (µg/L)             | 3 | <1.00 | <1.00       | 19      | 1.0      | <1.00 - 1.1 |                |              |
| Styrene (µg/L)                           | 6 | <0.5  | <0.5        | 35      | <0.5     | <0.5        |                |              |
| Tetrachloroethane (1,1,2,2) (µg/L)       | 6 | <0.5  | <0.5        | 35      | <0.5     | <0.5        |                |              |
| Total Organic Carbon (mg/L)              | 2 | 1.9   | 1.7 - 2.0   | 11      | 1.5      | 1.2 - 2.0   |                |              |
| Total Volatile Organics (Non THM) (µg/L) | 6 | 3.7   | 3.3 - 3.9   | 35      | 1.5      | <1.0 - 3.9  |                |              |
| Trichloroacetic acid (µg/L)              | 3 | 12.8  | 11.6 - 14.4 | 19      | 9.3      | 4.7 - 14.4  |                |              |
| Trichlorobenzene (1,2,4) (µg/L)          | 6 | <0.5  | <0.5        | 35      | <0.5     | <0.5        |                |              |
| Trichloroethane (1,1,1) (µg/L)           | 6 | <0.5  | <0.5        | 35      | <0.5     | <0.5        |                |              |
| Xylene (1,2) (µg/L)                      | 6 | <0.5  | <0.5        | 35      | <0.5     | <0.5        |                |              |
| Xylene (1,4) (µg/L)                      | 6 | <0.5  | <0.5        | 35      | <0.5     | <0.5        |                |              |
| Xylenes total (µg/L)                     | 6 | <1.0  | <1.0        | 35      | <1.0     | <1.0        | 90.0 (20.0)    |              |

## 2.2.7 Additional Distribution System Samples Collected from Water Quality Complaint Investigations

June 2026



| Parameter (Units)                           | #  | Mean    | Range              | # (YTD) | YTD Mean | YTD Range          | MAC (AO or OG) | EPCOR Target |
|---------------------------------------------|----|---------|--------------------|---------|----------|--------------------|----------------|--------------|
| <b>Physical</b>                             |    |         |                    |         |          |                    |                |              |
| Colour (TCU)                                | 14 | 0.9     | <0.5 - 1.3         | 54      | 0.8      | <0.5 - 1.6         | (15.0)         | 10.0         |
| pH                                          | 14 | 8       | 8                  | 54      | 8        | 8                  |                | 7 - 8        |
| Turbidity (NTU)                             | 14 | 0.68    | <0.04 - 2.17       | 54      | 0.37     | <0.04 - 2.23       | (3.00)         | 1.00         |
| <b>Primary Inorganics</b>                   |    |         |                    |         |          |                    |                |              |
| Antimony (mg/L)                             | 14 | 0.0005  | <0.0005            | 54      | 0.0005   | <0.0005            | 0.0060         |              |
| Arsenic (mg/L)                              | 14 | 0.0002  | <0.0002 - 0.0003   | 54      | 0.0002   | <0.0002 - 0.0003   | 0.0100         |              |
| Barium (mg/L)                               | 14 | 0.073   | 0.062 - 0.135      | 54      | 0.065    | <0.002 - 0.135     | 2.000          |              |
| Boron (mg/L)                                | 14 | 0.015   | 0.010 - 0.049      | 54      | 0.024    | 0.009 - 0.095      | 5.000          |              |
| Cadmium (mg/L)                              | 14 | 0.00002 | <0.00002 - 0.00004 | 54      | 0.00002  | <0.00002 - 0.00004 | 0.00700        |              |
| Chlorine total (mg/L)                       | 14 | 1.81    | 1.63 - 2.09        | 54      | 1.80     | 1.30 - 2.09        |                | 1.00 - 2.40  |
| Chromium (mg/L)                             | 14 | 0.0002  | <0.0002            | 54      | 0.0002   | <0.0002            | 0.0500         |              |
| Lead (mg/L)                                 | 14 | 0.0002  | <0.0002            | 54      | 0.0002   | <0.0002 - 0.0009   | 0.0050         |              |
| Manganese (mg/L)                            | 14 | 0.010   | <0.002 - 0.104     | 54      | 0.005    | <0.002 - 0.104     | 0.120 (0.020)  |              |
| Selenium (mg/L)                             | 14 | 0.0003  | 0.0002 - 0.0003    | 54      | 0.0003   | <0.0002 - 0.0004   | 0.0500         |              |
| Uranium (mg/L)                              | 14 | 0.0005  | <0.0005            | 54      | 0.0005   | <0.0005 - 0.0006   | 0.0200         |              |
| <b>Primary Organics</b>                     |    |         |                    |         |          |                    |                |              |
| Benzene (µg/L)                              | 14 | <0.5    | <0.5               | 54      | <0.5     | <0.5               | 5.0            |              |
| Carbon Tetrachloride (µg/L)                 | 14 | <0.5    | <0.5               | 54      | <0.5     | <0.5               | 2.0            |              |
| Dichlorobenzene (1,4) (µg/L)                | 14 | <0.5    | <0.5               | 54      | <0.5     | <0.5               | 5.0 (1.0)      |              |
| Dichloroethane (1,2) (µg/L)                 | 14 | <0.5    | <0.5               | 54      | <0.5     | <0.5               | 5.0            |              |
| Ethylbenzene (µg/L)                         | 14 | <0.5    | <0.5               | 54      | <0.5     | <0.5               | 140.0 (1.6)    |              |
| Methylene Chloride (Dichloromethane) (µg/L) | 14 | <0.5    | <0.5               | 54      | <0.5     | <0.5               | 50.0           |              |
| Tetrachloroethylene (µg/L)                  | 14 | <0.5    | <0.5               | 54      | <0.5     | <0.5               | 10.0           |              |
| Toluene (µg/L)                              | 14 | <0.5    | <0.5               | 54      | <0.5     | <0.5               | 60.0 (24.0)    |              |
| Trichloroethylene (µg/L)                    | 14 | <0.5    | <0.5               | 54      | <0.5     | <0.5               | 5.0            |              |
| Trihalomethanes (µg/L)                      | 14 | 26.3    | 20.5 - 30.5        | 54      | 18.1     | 7.6 - 31.2         | 100.0          | 50.0         |
| Vinyl Chloride (µg/L)                       | 14 | <1.0    | <1.0               | 54      | <1.0     | <1.0               | 2.0            |              |

## 2.2.7 Additional Distribution System Samples Collected from Water Quality Complaint Investigations

June 2026



| Parameter (Units)                        | #  | Mean | Range       | # (YTD) | YTD Mean | YTD Range  | MAC (AO or OG) | EPCOR Target |
|------------------------------------------|----|------|-------------|---------|----------|------------|----------------|--------------|
| <b>Secondary Organics</b>                |    |      |             |         |          |            |                |              |
| Bromodichloromethane (µg/L)              | 14 | 1.7  | 1.1 - 2.5   | 54      | 1.3      | <0.5 - 2.6 |                |              |
| Bromoform (µg/L)                         | 14 | <0.5 | <0.5        | 54      | <0.5     | <0.5       |                |              |
| Chlorobenzene (µg/L)                     | 14 | <0.5 | <0.5        | 54      | <0.5     | <0.5       |                |              |
| Chloroform (µg/L)                        | 14 | 24.3 | 19.2 - 27.8 | 54      | 16.6     | 6.1 - 28.4 |                |              |
| Dibromochloromethane (µg/L)              | 14 | <0.5 | <0.5        | 54      | <0.5     | <0.5       |                |              |
| Dichlorobenzene (1,2) (µg/L)             | 14 | <0.5 | <0.5        | 54      | <0.5     | <0.5       |                |              |
| Dichlorobenzene (1,3) (µg/L)             | 14 | <0.5 | <0.5        | 54      | <0.5     | <0.5       |                |              |
| Dichloroethylene (1,1) (µg/L)            | 14 | <0.5 | <0.5        | 54      | <0.5     | <0.5       | 14.0           |              |
| Dichloroethylene cis (1,2) (µg/L)        | 14 | <0.5 | <0.5        | 54      | <0.5     | <0.5       |                |              |
| Dichloroethylene trans (1,2) (µg/L)      | 14 | <0.5 | <0.5        | 54      | <0.5     | <0.5       |                |              |
| Dichloropropane (1,2) (µg/L)             | 14 | <0.5 | <0.5        | 54      | <0.5     | <0.5       |                |              |
| Methyl Isobutyl Ketone (MIBK) (µg/L)     | 14 | <1.0 | <1.0        | 54      | <1.0     | <1.0       |                |              |
| Methyl t-Butyl Ether (MTBE) (µg/L)       | 14 | <0.5 | <0.5        | 54      | <0.5     | <0.5       | (15.0)         |              |
| Styrene (µg/L)                           | 14 | <0.5 | <0.5        | 54      | <0.5     | <0.5       |                |              |
| Tetrachloroethane (1,1,2,2) (µg/L)       | 14 | <0.5 | <0.5        | 54      | <0.5     | <0.5       |                |              |
| Total Volatile Organics (Non THM) (µg/L) | 14 | 2.2  | <1.0 - 3.7  | 54      | 1.5      | <1.0 - 4.0 |                |              |
| Trichlorobenzene (1,2,4) (µg/L)          | 14 | <0.5 | <0.5        | 54      | <0.5     | <0.5       |                |              |
| Trichloroethane (1,1,1) (µg/L)           | 14 | <0.5 | <0.5        | 54      | <0.5     | <0.5       |                |              |
| Xylene (1,2) (µg/L)                      | 14 | <0.5 | <0.5        | 54      | <0.5     | <0.5       |                |              |
| Xylene (1,4) (µg/L)                      | 14 | <0.5 | <0.5        | 54      | <0.5     | <0.5       |                |              |
| Xylenes total (µg/L)                     | 14 | <1.0 | <1.0        | 54      | <1.0     | <1.0       | 90.0 (20.0)    |              |

## 2.2.7 Additional Distribution System Samples Collected from Water Quality Complaint Investigations

June 2026



| Parameter (Units)                        | #  | Mean     | Range            | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|------------------------------------------|----|----------|------------------|---------|----------|------------------|----------------|--------------|
| <b>Secondary Inorganics</b>              |    |          |                  |         |          |                  |                |              |
| Aluminum (mg/L)                          | 14 | 0.097    | 0.018 - 0.322    | 54      | 0.067    | <0.005 - 0.516   | 2.900 (0.100)  |              |
| Beryllium (mg/L)                         | 14 | 0.0002   | <0.0002          | 54      | 0.0002   | <0.0002          |                |              |
| Calcium (mg/L)                           | 14 | 49.4     | 46.4 - 54.1      | 54      | 47.8     | <0.1 - 55.2      |                |              |
| Cobalt (mg/L)                            | 14 | 0.0002   | <0.0002 - 0.0006 | 54      | 0.0002   | <0.0002 - 0.0006 |                |              |
| Copper (mg/L)                            | 14 | 0.002    | <0.002 - 0.004   | 54      | 0.003    | <0.002 - 0.013   | 2.000 (1.000)  |              |
| Iron (mg/L)                              | 14 | 0.235    | <0.005 - 1.240   | 54      | 0.084    | <0.005 - 1.240   | (0.100)        |              |
| Lithium (mg/L)                           | 14 | 0.0034   | 0.0020 - 0.0040  | 54      | 0.0035   | 0.0003 - 0.0045  |                |              |
| Magnesium (mg/L)                         | 14 | 13.6     | 11.4 - 14.4      | 54      | 13.9     | <0.1 - 16.5      |                |              |
| Molybdenum (mg/L)                        | 14 | 0.0007   | 0.0004 - 0.0008  | 54      | 0.0007   | 0.0004 - 0.0010  |                |              |
| Nickel (mg/L)                            | 14 | 0.0009   | 0.0006 - 0.0027  | 54      | 0.0008   | <0.0005 - 0.0044 |                |              |
| Phosphorus (mg/L)                        | 14 | 1.02     | 0.92 - 1.17      | 54      | 0.98     | 0.84 - 1.29      |                |              |
| Potassium (mg/L)                         | 14 | 1.4      | 0.8 - 3.6        | 54      | 1.6      | <0.1 - 5.2       |                |              |
| Silicon (mg/L)                           | 14 | 2.76     | 2.26 - 3.47      | 54      | 2.41     | 1.85 - 3.47      |                |              |
| Silver (mg/L)                            | 14 | <0.00002 | <0.00002         | 54      | <0.00002 | <0.00002         |                |              |
| Sodium (mg/L)                            | 14 | 24.4     | 17.6 - 52.3      | 54      | 19.5     | 7.0 - 102.0      | (200.0)        |              |
| Strontium (mg/L)                         | 14 | 0.402    | 0.351 - 0.446    | 54      | 0.428    | <0.002 - 0.481   | 7.000          |              |
| Thallium (mg/L)                          | 14 | 0.0002   | <0.0002          | 54      | 0.0002   | <0.0002          |                |              |
| Total Hardness (mg/L CaCO <sub>3</sub> ) | 14 | 179.4    | 169.0 - 193.0    | 54      | 176.8    | <2 - 206.0       |                |              |
| Vanadium (mg/L)                          | 14 | 0.0005   | <0.0005          | 54      | 0.0005   | <0.0005          |                |              |
| Zinc (mg/L)                              | 14 | 0.005    | <0.005 - 0.006   | 54      | 0.005    | <0.005 - 0.008   | (5.000)        |              |

## 2.2.8 Castledowns Reservoir

June 2026



| Parameter (Units)                           | # | Mean     | Range        | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|---------------------------------------------|---|----------|--------------|---------|----------|------------------|----------------|--------------|
| <b>Physical</b>                             |   |          |              |         |          |                  |                |              |
| Colour (TCU)                                | 1 | 0.7      | 0.7          | 3       | 0.7      | <0.5 - 1.0       | (15.0)         | 10.0         |
| Conductivity (µS/cm)                        | 1 | 453.0    | 453.0        | 3       | 421.3    | 402.0 - 453.0    |                |              |
| pH                                          | 1 | 8        | 8            | 3       | 8        | 8                |                | 7 - 8        |
| Turbidity (NTU)                             | 5 | 0.05     | <0.04 - 0.07 | 26      | 0.07     | <0.04 - 0.10     | (3.00)         | 1.00         |
| <b>Primary Organics</b>                     |   |          |              |         |          |                  |                |              |
| Haloacetic acids total (HAA5) (µg/L)        |   |          |              |         |          |                  |                |              |
| Nitrosodimethylamine, N- [NDMA] (µg/L)      |   |          |              |         |          |                  |                |              |
| Benzene (µg/L)                              | 1 | <0.5     | <0.5         | 3       | <0.5     | <0.5             | 5.0            |              |
| Carbon Tetrachloride (µg/L)                 | 1 | <0.5     | <0.5         | 3       | <0.5     | <0.5             | 2.0            |              |
| Dichlorobenzene (1,4) (µg/L)                | 1 | <0.5     | <0.5         | 3       | <0.5     | <0.5             | 5.0 (1.0)      |              |
| Dichloroethane (1,2) (µg/L)                 | 1 | <0.5     | <0.5         | 3       | <0.5     | <0.5             | 5.0            |              |
| Ethylbenzene (µg/L)                         | 1 | <0.5     | <0.5         | 3       | <0.5     | <0.5             | 140.0 (1.6)    |              |
| Methylene Chloride (Dichloromethane) (µg/L) | 1 | <0.5     | <0.5         | 3       | <0.5     | <0.5             | 50.0           |              |
| Tetrachloroethylene (µg/L)                  | 1 | <0.5     | <0.5         | 3       | <0.5     | <0.5             | 10.0           |              |
| Toluene (µg/L)                              | 1 | <0.5     | <0.5         | 3       | <0.5     | <0.5             | 60.0 (24.0)    |              |
| Trichloroethylene (µg/L)                    | 1 | <0.5     | <0.5         | 3       | <0.5     | <0.5             | 5.0            |              |
| Trihalomethanes (µg/L)                      | 1 | 23.2     | 23.2         | 3       | 17.2     | 7.9 - 23.2       | 100.0          | 50.0         |
| Vinyl Chloride (µg/L)                       | 1 | <1.0     | <1.0         | 3       | <1.0     | <1.0             | 2.0            |              |
| <b>Primary Inorganics</b>                   |   |          |              |         |          |                  |                |              |
| Antimony (mg/L)                             | 1 | <0.0005  | <0.0005      | 3       | <0.0005  | <0.0005          | 0.0060         |              |
| Arsenic (mg/L)                              | 1 | <0.0002  | <0.0002      | 3       | 0.0002   | <0.0002 - 0.0002 | 0.0100         |              |
| Barium (mg/L)                               | 1 | 0.075    | 0.075        | 3       | 0.066    | 0.056 - 0.075    | 2.000          |              |
| Boron (mg/L)                                | 1 | 0.014    | 0.014        | 3       | 0.015    | 0.010 - 0.020    | 5.000          |              |
| Bromate Dissolved (mg/L)                    | 1 | <0.005   | <0.005       | 3       | <0.005   | <0.005           | 0.010          |              |
| Cadmium (mg/L)                              | 1 | <0.00002 | <0.00002     | 3       | <0.00002 | <0.00002         | 0.00700        |              |
| Chlorate Dissolved (mg/L)                   | 1 | 0.13     | 0.13         | 3       | 0.11     | 0.09 - 0.13      | 1.00           |              |
| Chlorine total (mg/L)                       | 5 | 1.68     | 1.58 - 1.75  | 26      | 1.86     | 1.58 - 1.97      |                | 1.00 - 2.40  |
| Chlorite Dissolved (mg/L)                   | 1 | <0.005   | <0.005       | 3       | <0.005   | <0.005           | 1.000          |              |
| Chromium (mg/L)                             | 1 | <0.0002  | <0.0002      | 3       | <0.0002  | <0.0002          | 0.0500         |              |
| Fluoride (mg/L)                             | 1 | 0.69     | 0.69         | 3       | 0.67     | 0.65 - 0.69      | 1.50           | 0.60 - 0.80  |
| Lead (mg/L)                                 | 1 | <0.0002  | <0.0002      | 3       | <0.0002  | <0.0002          | 0.0050         |              |
| Manganese (mg/L)                            | 1 | 0.003    | 0.003        | 3       | 0.002    | <0.002 - 0.003   | 0.120 (0.020)  |              |
| Mercury (µg/L)                              | 1 | <0.0050  | <0.0050      | 3       | <0.0050  | <0.0050          | 1.000          |              |
| Nitrate (as N) dissolved (mg/L)             | 4 | 0.10     | 0.08 - 0.10  | 6       | 0.09     | 0.08 - 0.10      | 10.00          |              |
| Nitrite (as N) dissolved (mg/L)             | 4 | 0.02     | 0.02         | 6       | 0.02     | 0.02             | 1.00           |              |
| Selenium (mg/L)                             | 1 | 0.0002   | 0.0002       | 3       | 0.0002   | 0.0002 - 0.0003  | 0.0500         |              |
| Uranium (mg/L)                              | 1 | <0.0005  | <0.0005      | 3       | 0.0005   | <0.0005 - 0.0006 | 0.0200         |              |

## 2.2.8 Castledowns Reservoir

June 2026



| Parameter (Units)                          | # | Mean     | Range       | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|--------------------------------------------|---|----------|-------------|---------|----------|------------------|----------------|--------------|
| <b>Secondary Inorganics</b>                |   |          |             |         |          |                  |                |              |
| Alkalinity total (mg CaCO <sub>3</sub> /L) | 1 | 110.0    | 110.0       | 3       | 118.3    | 110.0 - 129.0    |                |              |
| Aluminum (mg/L)                            | 1 | 0.020    | 0.020       | 3       | 0.037    | 0.016 - 0.076    | 2.900 (0.100)  |              |
| Ammonia as NH <sub>3</sub> (mg/L)          | 4 | 0.16     | 0.14 - 0.19 | 6       | 0.14     | 0.08 - 0.19      |                |              |
| Beryllium (mg/L)                           | 1 | <0.0002  | <0.0002     | 3       | <0.0002  | <0.0002          |                |              |
| Bromide Dissolved (mg/L)                   | 1 | <0.03    | <0.03       | 3       | <0.03    | <0.03            |                |              |
| Calcium (mg/L)                             | 1 | 49.5     | 49.5        | 3       | 49.7     | 47.3 - 52.3      |                |              |
| Calcium Hardness (mg/L CaCO <sub>3</sub> ) | 1 | 124.0    | 124.0       | 3       | 124.3    | 118.0 - 131.0    |                |              |
| Chloride Dissolved (mg/L)                  | 1 | 8.7      | 8.7         | 3       | 7.7      | 6.8 - 8.7        | (250.0)        |              |
| Cobalt (mg/L)                              | 1 | <0.0002  | <0.0002     | 3       | <0.0002  | <0.0002          |                |              |
| Copper (mg/L)                              | 1 | <0.002   | <0.002      | 3       | <0.002   | <0.002           | 2.000 (1.000)  |              |
| Iron (mg/L)                                | 1 | <0.005   | <0.005      | 3       | <0.005   | <0.005           | (0.100)        |              |
| Lithium (mg/L)                             | 1 | 0.0032   | 0.0032      | 3       | 0.0034   | 0.0032 - 0.0036  |                |              |
| Magnesium (mg/L)                           | 1 | 13.4     | 13.4        | 3       | 14.6     | 13.4 - 15.9      |                |              |
| Molybdenum (mg/L)                          | 1 | 0.0007   | 0.0007      | 3       | 0.0008   | 0.0007 - 0.0009  |                |              |
| Nickel (mg/L)                              | 1 | 0.0007   | 0.0007      | 3       | 0.0006   | <0.0005 - 0.0007 |                |              |
| Phosphate Ortho (as P) (mg/L as P)         | 5 | 0.93     | 0.92 - 0.94 | 26      | 0.89     | 0.84 - 0.94      |                |              |
| Phosphorus (mg/L)                          | 1 | 1.01     | 1.01        | 3       | 0.97     | 0.94 - 1.01      |                |              |
| Potassium (mg/L)                           | 1 | 1.2      | 1.2         | 3       | 1.1      | 0.8 - 1.2        |                |              |
| Silicon (mg/L)                             | 1 | 2.67     | 2.67        | 3       | 2.47     | 2.08 - 2.67      |                |              |
| Silver (mg/L)                              | 1 | <0.00002 | <0.00002    | 3       | <0.00002 | <0.00002         |                |              |
| Sodium (mg/L)                              | 1 | 29.4     | 29.4        | 3       | 17.4     | 8.2 - 29.4       | (200.0)        |              |
| Strontium (mg/L)                           | 1 | 0.398    | 0.398       | 3       | 0.435    | 0.398 - 0.460    | 7.000          |              |
| Sulphate Dissolved (mg/L)                  | 1 | 110.0    | 110.0       | 3       | 84.4     | 67.4 - 110.0     | (500.0)        |              |
| Thallium (mg/L)                            | 1 | <0.0002  | <0.0002     | 3       | <0.0002  | <0.0002          |                |              |
| Total Hardness (mg/L CaCO <sub>3</sub> )   | 1 | 179.0    | 179.0       | 3       | 184.0    | 177.0 - 196.0    |                |              |
| Vanadium (mg/L)                            | 1 | <0.0005  | <0.0005     | 3       | <0.0005  | <0.0005          |                |              |
| Zinc (mg/L)                                | 1 | <0.005   | <0.005      | 3       | <0.005   | <0.005           | (5.000)        |              |

## 2.2.8 Castledowns Reservoir

June 2026



| Parameter (Units)                        | # | Mean | Range     | # (YTD) | YTD Mean | YTD Range  | MAC (AO or OG) | EPCOR Target |
|------------------------------------------|---|------|-----------|---------|----------|------------|----------------|--------------|
| <b>Secondary Organics</b>                |   |      |           |         |          |            |                |              |
| Bromochloroacetic acid (µg/L)            |   |      |           |         |          |            |                |              |
| Bromodichloromethane (µg/L)              | 1 | 1.2  | 1.2       | 3       | 1.2      | 1.1 - 1.3  |                |              |
| Bromoform (µg/L)                         | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Chlorobenzene (µg/L)                     | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Chloroform (µg/L)                        | 1 | 21.7 | 21.7      | 3       | 15.8     | 6.3 - 21.7 |                |              |
| Dibromoacetic acid (µg/L)                |   |      |           |         |          |            |                |              |
| Dibromochloromethane (µg/L)              | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichloroacetic acid (µg/L)               |   |      |           |         |          |            |                |              |
| Dichlorobenzene (1,2) (µg/L)             | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichlorobenzene (1,3) (µg/L)             | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichloroethylene (1,1) (µg/L)            | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       | 14.0           |              |
| Dichloroethylene cis (1,2) (µg/L)        | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichloroethylene trans (1,2) (µg/L)      | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichloropropane (1,2) (µg/L)             | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Methyl Isobutyl Ketone (MIBK) (µg/L)     | 1 | <1.0 | <1.0      | 3       | <1.0     | <1.0       |                |              |
| Methyl t-Butyl Ether (MTBE) (µg/L)       | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       | (15.0)         |              |
| Monobromoacetic acid (µg/L)              |   |      |           |         |          |            |                |              |
| Monochloroacetic acid (µg/L)             |   |      |           |         |          |            |                |              |
| Styrene (µg/L)                           | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Tetrachloroethane (1,1,2,2) (µg/L)       | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Total Organic Carbon (mg/L)              | 4 | 2.2  | 1.9 - 2.3 | 6       | 1.9      | 1.0 - 2.3  |                |              |
| Total Volatile Organics (Non THM) (µg/L) | 1 | 1.1  | 1.1       | 3       | 1.0      | <1.0 - 1.1 |                |              |
| Trichloroacetic acid (µg/L)              |   |      |           |         |          |            |                |              |
| Trichlorobenzene (1,2,4) (µg/L)          | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Trichloroethane (1,1,1) (µg/L)           | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Xylene (1,2) (µg/L)                      | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Xylene (1,4) (µg/L)                      | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Xylenes total (µg/L)                     | 1 | <1.0 | <1.0      | 3       | <1.0     | <1.0       | 90.0 (20.0)    |              |

## 2.2.9 Clareview Reservoir

June 2026



| Parameter (Units)                           | # | Mean | Range       | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|---------------------------------------------|---|------|-------------|---------|----------|------------------|----------------|--------------|
| <b>Physical</b>                             |   |      |             |         |          |                  |                |              |
| Colour (TCU)                                |   |      |             | 3       | 0.6      | <0.5 - 0.7       | (15.0)         | 10.0         |
| Conductivity (µS/cm)                        |   |      |             | 3       | 397.7    | 379.0 - 417.0    |                |              |
| pH                                          |   |      |             | 3       | 8        | 8                |                | 7 - 8        |
| Turbidity (NTU)                             | 5 | 0.20 | 0.13 - 0.31 | 25      | 0.16     | 0.06 - 0.45      | (3.00)         | 1.00         |
| <b>Primary Inorganics</b>                   |   |      |             |         |          |                  |                |              |
| Antimony (mg/L)                             |   |      |             | 3       | <0.0005  | <0.0005          | 0.0060         |              |
| Arsenic (mg/L)                              |   |      |             | 3       | 0.0002   | <0.0002 - 0.0002 | 0.0100         |              |
| Barium (mg/L)                               |   |      |             | 3       | 0.064    | 0.062 - 0.066    | 2.000          |              |
| Boron (mg/L)                                |   |      |             | 3       | 0.010    | 0.009 - 0.011    | 5.000          |              |
| Bromate Dissolved (mg/L)                    |   |      |             | 3       | <0.005   | <0.005           | 0.010          |              |
| Cadmium (mg/L)                              |   |      |             | 3       | <0.00002 | <0.00002         | 0.00700        |              |
| Chlorate Dissolved (mg/L)                   |   |      |             | 3       | 0.26     | 0.23 - 0.30      | 1.00           |              |
| Chlorine total (mg/L)                       | 5 | 1.53 | 1.17 - 1.88 | 25      | 1.59     | 1.17 - 1.88      |                | 1.00 - 2.40  |
| Chlorite Dissolved (mg/L)                   |   |      |             | 3       | <0.005   | <0.005           | 1.000          |              |
| Chromium (mg/L)                             |   |      |             | 3       | <0.0002  | <0.0002          | 0.0500         |              |
| Fluoride (mg/L)                             |   |      |             | 3       | 0.70     | 0.68 - 0.74      | 1.50           | 0.60 - 0.80  |
| Lead (mg/L)                                 |   |      |             | 3       | <0.0002  | <0.0002          | 0.0050         |              |
| Manganese (mg/L)                            |   |      |             | 3       | <0.002   | <0.002           | 0.120 (0.020)  |              |
| Mercury (µg/L)                              |   |      |             | 3       | <0.0050  | <0.0050          | 1.0000         |              |
| Nitrate (as N) dissolved (mg/L)             | 3 | 0.11 | 0.08 - 0.15 | 6       | 0.09     | 0.03 - 0.15      | 10.00          |              |
| Nitrite (as N) dissolved (mg/L)             | 3 | 0.02 | 0.01 - 0.02 | 6       | 0.02     | 0.01 - 0.02      | 1.00           |              |
| Selenium (mg/L)                             |   |      |             | 3       | 0.0003   | 0.0002 - 0.0003  | 0.0500         |              |
| Uranium (mg/L)                              |   |      |             | 3       | 0.0006   | <0.0005 - 0.0006 | 0.0200         |              |
| <b>Primary Organics</b>                     |   |      |             |         |          |                  |                |              |
| Benzene (µg/L)                              |   |      |             | 3       | <0.5     | <0.5             | 5.0            |              |
| Carbon Tetrachloride (µg/L)                 |   |      |             | 3       | <0.5     | <0.5             | 2.0            |              |
| Dichlorobenzene (1,4) (µg/L)                |   |      |             | 3       | <0.5     | <0.5             | 5.0 (1.0)      |              |
| Dichloroethane (1,2) (µg/L)                 |   |      |             | 3       | <0.5     | <0.5             | 5.0            |              |
| Ethylbenzene (µg/L)                         |   |      |             | 3       | <0.5     | <0.5             | 140.0 (1.6)    |              |
| Methylene Chloride (Dichloromethane) (µg/L) |   |      |             | 3       | <0.5     | <0.5             | 50.0           |              |
| Tetrachloroethylene (µg/L)                  |   |      |             | 3       | <0.5     | <0.5             | 10.0           |              |
| Toluene (µg/L)                              |   |      |             | 3       | <0.5     | <0.5             | 60.0 (24.0)    |              |
| Trichloroethylene (µg/L)                    |   |      |             | 3       | <0.5     | <0.5             | 5.0            |              |
| Trihalomethanes (µg/L)                      |   |      |             | 3       | 21.0     | 20.3 - 21.6      | 100.0          | 50.0         |
| Vinyl Chloride (µg/L)                       |   |      |             | 3       | <1.0     | <1.0             | 2.0            |              |

## 2.2.9 Clareview Reservoir

June 2026



| Parameter (Units)                          | # | Mean | Range       | # (YTD) | YTD Mean | YTD Range       | MAC (AO or OG) | EPCOR Target |
|--------------------------------------------|---|------|-------------|---------|----------|-----------------|----------------|--------------|
| <b>Secondary Inorganics</b>                |   |      |             |         |          |                 |                |              |
| Alkalinity total (mg CaCO <sub>3</sub> /L) |   |      |             | 3       | 122.3    | 112.0 - 129.0   |                |              |
| Aluminum (mg/L)                            |   |      |             | 3       | 0.069    | 0.064 - 0.077   | 2.900 (0.100)  |              |
| Ammonia as NH <sub>3</sub> (mg/L)          | 3 | 0.14 | 0.12 - 0.16 | 6       | 0.13     | 0.10 - 0.18     |                |              |
| Beryllium (mg/L)                           |   |      |             | 3       | <0.0002  | <0.0002         |                |              |
| Bromide Dissolved (mg/L)                   |   |      |             | 3       | <0.03    | <0.03           |                |              |
| Calcium (mg/L)                             |   |      |             | 3       | 51.4     | 47.7 - 53.7     |                |              |
| Calcium Hardness (mg/L CaCO <sub>3</sub> ) |   |      |             | 3       | 128.3    | 119.0 - 134.0   |                |              |
| Chloride Dissolved (mg/L)                  |   |      |             | 3       | 6.6      | 5.6 - 7.3       | (250.0)        |              |
| Cobalt (mg/L)                              |   |      |             | 3       | <0.0002  | <0.0002         |                |              |
| Copper (mg/L)                              |   |      |             | 3       | <0.002   | <0.002          | 2.000 (1.000)  |              |
| Iron (mg/L)                                |   |      |             | 3       | 0.018    | 0.010 - 0.031   | (0.100)        |              |
| Lithium (mg/L)                             |   |      |             | 3       | 0.0035   | 0.0035 - 0.0036 |                |              |
| Magnesium (mg/L)                           |   |      |             | 3       | 15.3     | 14.0 - 16.0     |                |              |
| Molybdenum (mg/L)                          |   |      |             | 3       | 0.0007   | 0.0007 - 0.0008 |                |              |
| Nickel (mg/L)                              |   |      |             | 3       | <0.0005  | <0.0005         |                |              |
| Phosphate Ortho (as P) (mg/L as P)         | 5 | 0.91 | 0.88 - 0.92 | 25      | 0.91     | 0.88 - 0.98     |                |              |
| Phosphorus (mg/L)                          |   |      |             | 3       | 0.97     | 0.95 - 1.01     |                |              |
| Potassium (mg/L)                           |   |      |             | 3       | 0.9      | 0.8 - 1.1       |                |              |
| Silicon (mg/L)                             |   |      |             | 3       | 2.33     | 1.91 - 2.57     |                |              |
| Silver (mg/L)                              |   |      |             | 3       | <0.00002 | <0.00002        |                |              |
| Sodium (mg/L)                              |   |      |             | 3       | 9.4      | 7.5 - 12.1      | (200.0)        |              |
| Strontium (mg/L)                           |   |      |             | 3       | 0.467    | 0.445 - 0.481   | 7.000          |              |
| Sulphate Dissolved (mg/L)                  |   |      |             | 3       | 69.4     | 67.0 - 72.0     | (500.0)        |              |
| Thallium (mg/L)                            |   |      |             | 3       | <0.0002  | <0.0002         |                |              |
| Total Hardness (mg/L CaCO <sub>3</sub> )   |   |      |             | 3       | 191.3    | 177.0 - 199.0   |                |              |
| Vanadium (mg/L)                            |   |      |             | 3       | <0.0005  | <0.0005         |                |              |
| Zinc (mg/L)                                |   |      |             | 3       | 0.005    | <0.005 - 0.006  | (5.000)        |              |

## 2.2.9 Clareview Reservoir

June 2026



| Parameter (Units)                        | # | Mean | Range     | # (YTD) | YTD Mean | YTD Range   | MAC (AO or OG) | EPCOR Target |
|------------------------------------------|---|------|-----------|---------|----------|-------------|----------------|--------------|
| <b>Secondary Organics</b>                |   |      |           |         |          |             |                |              |
| Bromodichloromethane (µg/L)              |   |      |           | 3       | 1.2      | 1.0 - 1.6   |                |              |
| Bromoform (µg/L)                         |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Chlorobenzene (µg/L)                     |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Chloroform (µg/L)                        |   |      |           | 3       | 19.5     | 19.1 - 19.9 |                |              |
| Dibromochloromethane (µg/L)              |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichlorobenzene (1,2) (µg/L)             |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichlorobenzene (1,3) (µg/L)             |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichloroethylene (1,1) (µg/L)            |   |      |           | 3       | <0.5     | <0.5        | 14.0           |              |
| Dichloroethylene cis (1,2) (µg/L)        |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichloroethylene trans (1,2) (µg/L)      |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichloropropane (1,2) (µg/L)             |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Methyl Isobutyl Ketone (MIBK) (µg/L)     |   |      |           | 3       | <1.0     | <1.0        |                |              |
| Methyl t-Butyl Ether (MTBE) (µg/L)       |   |      |           | 3       | <0.5     | <0.5        | (15.0)         |              |
| Styrene (µg/L)                           |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Tetrachloroethane (1,1,2,2) (µg/L)       |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Total Organic Carbon (mg/L)              | 3 | 2.4  | 2.0 - 2.9 | 6       | 1.9      | 1.3 - 2.9   |                |              |
| Total Volatile Organics (Non THM) (µg/L) |   |      |           | 3       | 1.9      | <1.0 - 3.8  |                |              |
| Trichlorobenzene (1,2,4) (µg/L)          |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Trichloroethane (1,1,1) (µg/L)           |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Xylene (1,2) (µg/L)                      |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Xylene (1,4) (µg/L)                      |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Xylenes total (µg/L)                     |   |      |           | 3       | <1.0     | <1.0        | 90.0 (20.0)    |              |

## 2.2.10 Discovery Park Reservoir

June 2026



| Parameter (Units)                           | # | Mean | Range       | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|---------------------------------------------|---|------|-------------|---------|----------|------------------|----------------|--------------|
| <b>Physical</b>                             |   |      |             |         |          |                  |                |              |
| Colour (TCU)                                |   |      |             | 3       | 0.7      | <0.5 - 0.8       | (15.0)         | 10.0         |
| Conductivity (µS/cm)                        |   |      |             | 3       | 399.0    | 398.0 - 400.0    |                |              |
| pH                                          |   |      |             | 3       | 8        | 8                |                | 7 - 8        |
| Turbidity (NTU)                             | 5 | 0.10 | 0.06 - 0.19 | 26      | 0.10     | 0.05 - 0.19      | (3.00)         | 1.00         |
| <b>Primary Inorganics</b>                   |   |      |             |         |          |                  |                |              |
| Antimony (mg/L)                             |   |      |             | 3       | <0.0005  | <0.0005          | 0.0060         |              |
| Arsenic (mg/L)                              |   |      |             | 3       | 0.0002   | <0.0002 - 0.0002 | 0.0100         |              |
| Barium (mg/L)                               |   |      |             | 3       | 0.060    | 0.055 - 0.064    | 2.000          |              |
| Boron (mg/L)                                |   |      |             | 3       | 0.012    | 0.009 - 0.017    | 5.000          |              |
| Bromate Dissolved (mg/L)                    |   |      |             | 4       | <0.005   | <0.005           | 0.010          |              |
| Cadmium (mg/L)                              |   |      |             | 3       | <0.00002 | <0.00002         | 0.00700        |              |
| Chlorate Dissolved (mg/L)                   |   |      |             | 4       | 0.11     | 0.09 - 0.12      | 1.00           |              |
| Chlorine total (mg/L)                       | 5 | 1.27 | 1.20 - 1.35 | 26      | 1.28     | 0.98 - 1.90      |                | 1.00 - 2.40  |
| Chlorite Dissolved (mg/L)                   |   |      |             | 4       | <0.005   | <0.005           | 1.000          |              |
| Chromium (mg/L)                             |   |      |             | 3       | <0.0002  | <0.0002          | 0.0500         |              |
| Cyanide (mg/L)                              |   |      |             |         |          |                  |                |              |
| Fluoride (mg/L)                             |   |      |             | 3       | 0.68     | 0.66 - 0.69      | 1.50           | 0.60 - 0.80  |
| Lead (mg/L)                                 |   |      |             | 3       | <0.0002  | <0.0002          | 0.0050         |              |
| Manganese (mg/L)                            |   |      |             | 3       | <0.002   | <0.002           | 0.120 (0.020)  |              |
| Mercury (µg/L)                              |   |      |             | 3       | <0.0050  | <0.0050          | 1.0000         |              |
| Nitrate (as N) dissolved (mg/L)             | 3 | 0.11 | 0.09 - 0.13 | 7       | 0.10     | 0.09 - 0.13      | 10.00          |              |
| Nitrite (as N) dissolved (mg/L)             | 3 | 0.01 | 0.01 - 0.02 | 7       | 0.01     | 0.01 - 0.02      | 1.00           |              |
| Selenium (mg/L)                             |   |      |             | 3       | 0.0002   | 0.0002 - 0.0003  | 0.0500         |              |
| Uranium (mg/L)                              |   |      |             | 3       | 0.0005   | <0.0005 - 0.0006 | 0.0200         |              |
| <b>Primary Organics</b>                     |   |      |             |         |          |                  |                |              |
| Benzene (µg/L)                              |   |      |             | 4       | <0.5     | <0.5             | 5.0            |              |
| Benzo(a)pyrene (µg/L)                       |   |      |             |         |          |                  |                |              |
| Carbon Tetrachloride (µg/L)                 |   |      |             | 4       | <0.5     | <0.5             | 2.0            |              |
| Dichlorobenzene (1,4) (µg/L)                |   |      |             | 4       | <0.5     | <0.5             | 5.0 (1.0)      |              |
| Dichloroethane (1,2) (µg/L)                 |   |      |             | 4       | <0.5     | <0.5             | 5.0            |              |
| Ethylbenzene (µg/L)                         |   |      |             | 4       | <0.5     | <0.5             | 140.0 (1.6)    |              |
| Haloacetic acids total (HAA5) (µg/L)        |   |      |             | 2       | 19.85    | 17.80 - 21.90    | 80.00          | 40.00        |
| Methylene Chloride (Dichloromethane) (µg/L) |   |      |             | 4       | <0.5     | <0.5             | 50.0           |              |
| Microcystin total (µg/L)                    |   |      |             |         |          |                  |                |              |
| Nitrilotriacetic acid (NTA) (mg/L)          |   |      |             |         |          |                  |                |              |
| Nitrosodimethylamine, N- [NDMA] (µg/L)      |   |      |             | 1       | 0.00357  | 0.00357          | 0.04000        | 0.01000      |
| Tetrachloroethylene (µg/L)                  |   |      |             | 4       | <0.5     | <0.5             | 10.0           |              |
| Toluene (µg/L)                              |   |      |             | 4       | <0.5     | <0.5             | 60.0 (24.0)    |              |
| Trichloroethylene (µg/L)                    |   |      |             | 4       | <0.5     | <0.5             | 5.0            |              |
| Trihalomethanes (µg/L)                      |   |      |             | 4       | 16.4     | 10.5 - 19.1      | 100.0          | 50.0         |
| Vinyl Chloride (µg/L)                       |   |      |             | 4       | <1.0     | <1.0             | 2.0            |              |

| Parameter (Units)                                 | # | Mean | Range | # (YTD) | YTD Mean | YTD Range | MAC (AO or OG) | EPCOR Target |
|---------------------------------------------------|---|------|-------|---------|----------|-----------|----------------|--------------|
| Primary Organics                                  |   |      |       |         |          |           |                |              |
| 2,4-D (µg/L)                                      |   |      |       |         |          |           |                |              |
| 2-methyl-4-chlorophenoxyacetic acid (MCPA) (µg/L) |   |      |       |         |          |           |                |              |
| Atrazine + metabolites (µg/L)                     |   |      |       |         |          |           |                |              |
| Bromoxynil (µg/L)                                 |   |      |       |         |          |           |                |              |
| Chlorpyrifos (µg/L)                               |   |      |       |         |          |           |                |              |
| Cyanazine (µg/L)                                  |   |      |       |         |          |           |                |              |
| Dicamba (µg/L)                                    |   |      |       |         |          |           |                |              |
| Dichlorophenol (2,4) (µg/L)                       |   |      |       |         |          |           |                |              |
| Dimethoate (µg/L)                                 |   |      |       |         |          |           |                |              |
| Diquat (µg/L)                                     |   |      |       |         |          |           |                |              |
| Glyphosate (µg/L)                                 |   |      |       |         |          |           |                |              |
| Malathion (µg/L)                                  |   |      |       |         |          |           |                |              |
| Metribuzin (µg/L)                                 |   |      |       |         |          |           |                |              |
| Omethoate (µg/L)                                  |   |      |       |         |          |           |                |              |
| Omethoate (as dimethoate) (µg/L)                  |   |      |       |         |          |           |                |              |
| Pentachlorophenol (µg/L)                          |   |      |       |         |          |           |                |              |
| Perfluorooctanesulfonic acid (PFOS) (ng/L)        |   |      |       |         |          |           |                |              |
| Perfluorooctanoic Acid (PFOA) (ng/L)              |   |      |       |         |          |           |                |              |
| Total PFAS (ng/L)                                 |   |      |       |         |          |           |                |              |
| Trichlorophenol (2,4,6) (µg/L)                    |   |      |       |         |          |           |                |              |

## 2.2.10 Discovery Park Reservoir

June 2026



| Parameter (Units)                          | # | Mean | Range       | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|--------------------------------------------|---|------|-------------|---------|----------|------------------|----------------|--------------|
| <b>Secondary Inorganics</b>                |   |      |             |         |          |                  |                |              |
| Alkalinity total (mg CaCO <sub>3</sub> /L) |   |      |             | 3       | 119.0    | 105.0 - 128.0    |                |              |
| Aluminum (mg/L)                            |   |      |             | 3       | 0.061    | 0.025 - 0.080    | 2.900 (0.100)  |              |
| Ammonia as NH <sub>3</sub> (mg/L)          | 2 | 0.20 | 0.19 - 0.20 | 5       | 0.17     | 0.14 - 0.20      |                |              |
| Beryllium (mg/L)                           |   |      |             | 3       | <0.0002  | <0.0002          |                |              |
| Bromide Dissolved (mg/L)                   |   |      |             | 4       | <0.03    | <0.03            |                |              |
| Calcium (mg/L)                             |   |      |             | 3       | 50.0     | 44.9 - 52.7      |                |              |
| Calcium Hardness (mg/L CaCO <sub>3</sub> ) |   |      |             | 3       | 125.0    | 112.0 - 132.0    |                |              |
| Chloride Dissolved (mg/L)                  |   |      |             | 4       | 6.8      | 5.8 - 8.9        | (250.0)        |              |
| Cobalt (mg/L)                              |   |      |             | 3       | <0.0002  | <0.0002          |                |              |
| Copper (mg/L)                              |   |      |             | 3       | <0.002   | <0.002           | 2.000 (1.000)  |              |
| Iron (mg/L)                                |   |      |             | 3       | <0.005   | <0.005           | (0.100)        |              |
| Lithium (mg/L)                             |   |      |             | 3       | 0.0033   | 0.0032 - 0.0035  |                |              |
| Magnesium (mg/L)                           |   |      |             | 3       | 14.9     | 13.2 - 15.8      |                |              |
| Molybdenum (mg/L)                          |   |      |             | 3       | 0.0007   | 0.0006 - 0.0008  |                |              |
| Nickel (mg/L)                              |   |      |             | 3       | 0.0005   | <0.0005 - 0.0005 |                |              |
| Phosphate Ortho (as P) (mg/L as P)         | 5 | 0.92 | 0.90 - 0.94 | 26      | 0.88     | 0.84 - 0.94      |                |              |
| Phosphorus (mg/L)                          |   |      |             | 3       | 0.95     | 0.92 - 0.99      |                |              |
| Potassium (mg/L)                           |   |      |             | 3       | 1.2      | 0.8 - 1.8        |                |              |
| Silicon (mg/L)                             |   |      |             | 3       | 2.34     | 2.06 - 2.52      |                |              |
| Silver (mg/L)                              |   |      |             | 3       | <0.00002 | <0.00002         |                |              |
| Sodium (mg/L)                              |   |      |             | 3       | 11.4     | 7.4 - 18.7       | (200.0)        |              |
| Strontium (mg/L)                           |   |      |             | 3       | 0.462    | 0.426 - 0.495    | 7.000          |              |
| Sulphate Dissolved (mg/L)                  |   |      |             | 4       | 69.5     | 64.8 - 79.9      | (500.0)        |              |
| Sulphide (mg/L)                            |   |      |             |         |          |                  |                |              |
| Thallium (mg/L)                            |   |      |             | 3       | <0.0002  | <0.0002          |                |              |
| Total Hardness (mg/L CaCO <sub>3</sub> )   |   |      |             | 3       | 186.0    | 166.0 - 197.0    |                |              |
| Vanadium (mg/L)                            |   |      |             | 3       | <0.0005  | <0.0005          |                |              |
| Zinc (mg/L)                                |   |      |             | 3       | <0.005   | <0.005           | (5.000)        |              |

## 2.2.10 Discovery Park Reservoir

June 2026



| Parameter (Units)                        | # | Mean | Range     | # (YTD) | YTD Mean | YTD Range    | MAC (AO or OG) | EPCOR Target |
|------------------------------------------|---|------|-----------|---------|----------|--------------|----------------|--------------|
| <b>Secondary Organics</b>                |   |      |           |         |          |              |                |              |
| Bromochloroacetic acid (µg/L)            |   |      |           | 2       | <1.00    | <1.00        |                |              |
| Bromodichloromethane (µg/L)              |   |      |           | 4       | 1.1      | 0.9 - 1.3    |                |              |
| Bromoform (µg/L)                         |   |      |           | 4       | <0.5     | <0.5         |                |              |
| Chlorobenzene (µg/L)                     |   |      |           | 4       | <0.5     | <0.5         |                |              |
| Chloroform (µg/L)                        |   |      |           | 4       | 15.0     | 8.7 - 17.8   |                |              |
| Dibromoacetic acid (µg/L)                |   |      |           | 2       | <1.00    | <1.00        |                |              |
| Dibromochloromethane (µg/L)              |   |      |           | 4       | <0.5     | <0.5         |                |              |
| Dichloroacetic acid (µg/L)               |   |      |           | 2       | 10.55    | 9.10 - 12.00 |                |              |
| Dichlorobenzene (1,2) (µg/L)             |   |      |           | 4       | <0.5     | <0.5         |                |              |
| Dichlorobenzene (1,3) (µg/L)             |   |      |           | 4       | <0.5     | <0.5         |                |              |
| Dichloroethylene (1,1) (µg/L)            |   |      |           | 4       | <0.5     | <0.5         | 14.0           |              |
| Dichloroethylene cis (1,2) (µg/L)        |   |      |           | 4       | <0.5     | <0.5         |                |              |
| Dichloroethylene trans (1,2) (µg/L)      |   |      |           | 4       | <0.5     | <0.5         |                |              |
| Dichloropropane (1,2) (µg/L)             |   |      |           | 4       | <0.5     | <0.5         |                |              |
| Methyl Isobutyl Ketone (MIBK) (µg/L)     |   |      |           | 4       | <1.0     | <1.0         |                |              |
| Methyl t-Butyl Ether (MTBE) (µg/L)       |   |      |           | 4       | <0.5     | <0.5         | (15.0)         |              |
| Monobromoacetic acid (µg/L)              |   |      |           | 2       | <1.00    | <1.00        |                |              |
| Monochloroacetic acid (µg/L)             |   |      |           | 2       | <1.00    | <1.00        |                |              |
| Styrene (µg/L)                           |   |      |           | 4       | <0.5     | <0.5         |                |              |
| Tetrachloroethane (1,1,2,2) (µg/L)       |   |      |           | 4       | <0.5     | <0.5         |                |              |
| Total Organic Carbon (mg/L)              | 3 | 2.0  | 1.8 - 2.2 | 6       | 1.6      | 1.1 - 2.2    |                |              |
| Total Volatile Organics (Non THM) (µg/L) |   |      |           | 4       | 1.7      | <1.0 - 3.6   |                |              |
| Trichloroacetic acid (µg/L)              |   |      |           | 2       | 9.27     | 8.65 - 9.89  |                |              |
| Trichlorobenzene (1,2,4) (µg/L)          |   |      |           | 4       | <0.5     | <0.5         |                |              |
| Trichloroethane (1,1,1) (µg/L)           |   |      |           | 4       | <0.5     | <0.5         |                |              |
| Xylene (1,2) (µg/L)                      |   |      |           | 4       | <0.5     | <0.5         |                |              |
| Xylene (1,4) (µg/L)                      |   |      |           | 4       | <0.5     | <0.5         |                |              |
| Xylenes total (µg/L)                     |   |      |           | 4       | <1.0     | <1.0         | 90.0 (20.0)    |              |

## 2.2.11 Kaskitayo Reservoir

June 2026



| Parameter (Units)                           | # | Mean | Range       | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|---------------------------------------------|---|------|-------------|---------|----------|------------------|----------------|--------------|
| <b>Physical</b>                             |   |      |             |         |          |                  |                |              |
| Colour (TCU)                                |   |      |             | 3       | 0.7      | 0.6 - 0.9        | (15.0)         | 10.0         |
| Conductivity (µS/cm)                        |   |      |             | 3       | 409.3    | 405.0 - 413.0    |                |              |
| pH                                          |   |      |             | 3       | 8        | 8                |                | 7 - 8        |
| Turbidity (NTU)                             | 5 | 0.05 | 0.04 - 0.06 | 26      | 0.08     | 0.04 - 0.16      | (3.00)         | 1.00         |
| <b>Primary Inorganics</b>                   |   |      |             |         |          |                  |                |              |
| Antimony (mg/L)                             |   |      |             | 3       | <0.0005  | <0.0005          | 0.0060         |              |
| Arsenic (mg/L)                              |   |      |             | 3       | 0.0002   | 0.0002           | 0.0100         |              |
| Barium (mg/L)                               |   |      |             | 3       | 0.066    | 0.064 - 0.069    | 2.000          |              |
| Boron (mg/L)                                |   |      |             | 3       | 0.010    | 0.009 - 0.010    | 5.000          |              |
| Bromate Dissolved (mg/L)                    |   |      |             | 3       | <0.005   | <0.005           | 0.010          |              |
| Cadmium (mg/L)                              |   |      |             | 3       | <0.00002 | <0.00002         | 0.00700        |              |
| Chlorate Dissolved (mg/L)                   |   |      |             | 3       | 0.13     | 0.11 - 0.15      | 1.00           |              |
| Chlorine total (mg/L)                       | 5 | 1.84 | 1.72 - 1.90 | 26      | 1.92     | 1.72 - 2.11      |                | 1.00 - 2.40  |
| Chlorite Dissolved (mg/L)                   |   |      |             | 3       | <0.005   | <0.005           | 1.000          |              |
| Chromium (mg/L)                             |   |      |             | 3       | <0.0002  | <0.0002          | 0.0500         |              |
| Fluoride (mg/L)                             |   |      |             | 3       | 0.70     | 0.68 - 0.73      | 1.50           | 0.60 - 0.80  |
| Lead (mg/L)                                 |   |      |             | 3       | <0.0002  | <0.0002          | 0.0050         |              |
| Manganese (mg/L)                            |   |      |             | 3       | <0.002   | <0.002           | 0.120 (0.020)  |              |
| Mercury (µg/L)                              |   |      |             | 3       | 0.0054   | <0.0050 - 0.0061 | 1.0000         |              |
| Nitrate (as N) dissolved (mg/L)             | 3 | 0.08 | 0.08        | 6       | 0.08     | 0.02 - 0.10      | 10.00          |              |
| Nitrite (as N) dissolved (mg/L)             | 3 | 0.02 | 0.02        | 6       | 0.02     | 0.02             | 1.00           |              |
| Selenium (mg/L)                             |   |      |             | 3       | 0.0003   | 0.0002 - 0.0003  | 0.0500         |              |
| Uranium (mg/L)                              |   |      |             | 3       | 0.0006   | <0.0005 - 0.0006 | 0.0200         |              |
| <b>Primary Organics</b>                     |   |      |             |         |          |                  |                |              |
| Benzene (µg/L)                              |   |      |             | 3       | <0.5     | <0.5             | 5.0            |              |
| Carbon Tetrachloride (µg/L)                 |   |      |             | 3       | <0.5     | <0.5             | 2.0            |              |
| Dichlorobenzene (1,4) (µg/L)                |   |      |             | 3       | <0.5     | <0.5             | 5.0 (1.0)      |              |
| Dichloroethane (1,2) (µg/L)                 |   |      |             | 3       | <0.5     | <0.5             | 5.0            |              |
| Ethylbenzene (µg/L)                         |   |      |             | 3       | <0.5     | <0.5             | 140.0 (1.6)    |              |
| Methylene Chloride (Dichloromethane) (µg/L) |   |      |             | 3       | <0.5     | <0.5             | 50.0           |              |
| Tetrachloroethylene (µg/L)                  |   |      |             | 3       | <0.5     | <0.5             | 10.0           |              |
| Toluene (µg/L)                              |   |      |             | 3       | <0.5     | <0.5             | 60.0 (24.0)    |              |
| Trichloroethylene (µg/L)                    |   |      |             | 3       | <0.5     | <0.5             | 5.0            |              |
| Trihalomethanes (µg/L)                      |   |      |             | 3       | 18.0     | 15.8 - 20.8      | 100.0          | 50.0         |
| Vinyl Chloride (µg/L)                       |   |      |             | 3       | <1.0     | <1.0             | 2.0            |              |

## 2.2.11 Kaskitayo Reservoir

June 2026



| Parameter (Units)                          | # | Mean | Range       | # (YTD) | YTD Mean | YTD Range       | MAC (AO or OG) | EPCOR Target |
|--------------------------------------------|---|------|-------------|---------|----------|-----------------|----------------|--------------|
| <b>Secondary Inorganics</b>                |   |      |             |         |          |                 |                |              |
| Alkalinity total (mg CaCO <sub>3</sub> /L) |   |      |             | 3       | 125.3    | 116.0 - 130.0   |                |              |
| Aluminum (mg/L)                            |   |      |             | 3       | 0.074    | 0.046 - 0.093   | 2.900 (0.100)  |              |
| Ammonia as NH <sub>3</sub> (mg/L)          | 2 | 0.15 | 0.14 - 0.16 | 5       | 0.12     | 0.07 - 0.16     |                |              |
| Beryllium (mg/L)                           |   |      |             | 3       | <0.0002  | <0.0002         |                |              |
| Bromide Dissolved (mg/L)                   |   |      |             | 3       | <0.03    | <0.03           |                |              |
| Calcium (mg/L)                             |   |      |             | 3       | 52.7     | 50.2 - 54.4     |                |              |
| Calcium Hardness (mg/L CaCO <sub>3</sub> ) |   |      |             | 3       | 131.3    | 125.0 - 136.0   |                |              |
| Chloride Dissolved (mg/L)                  |   |      |             | 3       | 6.6      | 5.7 - 7.3       | (250.0)        |              |
| Cobalt (mg/L)                              |   |      |             | 3       | <0.0002  | <0.0002         |                |              |
| Copper (mg/L)                              |   |      |             | 3       | <0.002   | <0.002          | 2.000 (1.000)  |              |
| Iron (mg/L)                                |   |      |             | 3       | <0.005   | <0.005          | (0.100)        |              |
| Lithium (mg/L)                             |   |      |             | 3       | 0.0034   | 0.0032 - 0.0036 |                |              |
| Magnesium (mg/L)                           |   |      |             | 3       | 15.6     | 14.5 - 16.6     |                |              |
| Molybdenum (mg/L)                          |   |      |             | 3       | 0.0007   | 0.0007 - 0.0008 |                |              |
| Nickel (mg/L)                              |   |      |             | 3       | <0.0005  | <0.0005         |                |              |
| Phosphate Ortho (as P) (mg/L as P)         | 5 | 0.94 | 0.92 - 0.96 | 26      | 0.90     | 0.84 - 0.96     |                |              |
| Phosphorus (mg/L)                          |   |      |             | 3       | 0.98     | 0.96 - 1.01     |                |              |
| Potassium (mg/L)                           |   |      |             | 3       | 0.8      | 0.8 - 0.9       |                |              |
| Silicon (mg/L)                             |   |      |             | 3       | 2.37     | 1.89 - 2.68     |                |              |
| Silver (mg/L)                              |   |      |             | 3       | <0.00002 | <0.00002        |                |              |
| Sodium (mg/L)                              |   |      |             | 3       | 10.4     | 7.5 - 15.2      | (200.0)        |              |
| Strontium (mg/L)                           |   |      |             | 3       | 0.463    | 0.446 - 0.475   | 7.000          |              |
| Sulphate Dissolved (mg/L)                  |   |      |             | 3       | 72.0     | 67.3 - 77.4     | (500.0)        |              |
| Thallium (mg/L)                            |   |      |             | 3       | <0.0002  | <0.0002         |                |              |
| Total Hardness (mg/L CaCO <sub>3</sub> )   |   |      |             | 3       | 196.0    | 185.0 - 204.0   |                |              |
| Vanadium (mg/L)                            |   |      |             | 3       | <0.0005  | <0.0005         |                |              |
| Zinc (mg/L)                                |   |      |             | 3       | <0.005   | <0.005          | (5.000)        |              |

## 2.2.11 Kaskitayo Reservoir

June 2026



| Parameter (Units)                        | # | Mean | Range     | # (YTD) | YTD Mean | YTD Range   | MAC (AO or OG) | EPCOR Target |
|------------------------------------------|---|------|-----------|---------|----------|-------------|----------------|--------------|
| <b>Secondary Organics</b>                |   |      |           |         |          |             |                |              |
| Bromodichloromethane (µg/L)              |   |      |           | 3       | 1.1      | 1.0 - 1.2   |                |              |
| Bromoform (µg/L)                         |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Chlorobenzene (µg/L)                     |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Chloroform (µg/L)                        |   |      |           | 3       | 16.6     | 14.5 - 19.0 |                |              |
| Dibromochloromethane (µg/L)              |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichlorobenzene (1,2) (µg/L)             |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichlorobenzene (1,3) (µg/L)             |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichloroethylene (1,1) (µg/L)            |   |      |           | 3       | <0.5     | <0.5        | 14.0           |              |
| Dichloroethylene cis (1,2) (µg/L)        |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichloroethylene trans (1,2) (µg/L)      |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichloropropane (1,2) (µg/L)             |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Methyl Isobutyl Ketone (MIBK) (µg/L)     |   |      |           | 3       | <1.0     | <1.0        |                |              |
| Methyl t-Butyl Ether (MTBE) (µg/L)       |   |      |           | 3       | <0.5     | <0.5        | (15.0)         |              |
| Styrene (µg/L)                           |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Tetrachloroethane (1,1,2,2) (µg/L)       |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Total Organic Carbon (mg/L)              | 3 | 2.1  | 1.8 - 2.3 | 6       | 1.9      | 1.6 - 2.3   |                |              |
| Total Volatile Organics (Non THM) (µg/L) |   |      |           | 3       | 2.1      | <1.0 - 3.8  |                |              |
| Trichlorobenzene (1,2,4) (µg/L)          |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Trichloroethane (1,1,1) (µg/L)           |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Xylene (1,2) (µg/L)                      |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Xylene (1,4) (µg/L)                      |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Xylenes total (µg/L)                     |   |      |           | 3       | <1.0     | <1.0        | 90.0 (20.0)    |              |

## 2.2.12 Londonderry Reservoir

June 2026



| Parameter (Units)                           | # | Mean     | Range       | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|---------------------------------------------|---|----------|-------------|---------|----------|------------------|----------------|--------------|
| <b>Physical</b>                             |   |          |             |         |          |                  |                |              |
| Colour (TCU)                                | 1 | <0.5     | <0.5        | 3       | 0.6      | <0.5 - 0.8       | (15.0)         | 10.0         |
| Conductivity (µS/cm)                        | 1 | 420.0    | 420.0       | 3       | 410.7    | 403.0 - 420.0    |                |              |
| pH                                          | 1 | 8        | 8           | 3       | 8        | 8                |                | 7 - 8        |
| Turbidity (NTU)                             | 5 | 0.10     | 0.05 - 0.15 | 26      | 0.10     | 0.05 - 0.37      | (3.00)         | 1.00         |
| <b>Primary Inorganics</b>                   |   |          |             |         |          |                  |                |              |
| Antimony (mg/L)                             | 1 | <0.0005  | <0.0005     | 3       | <0.0005  | <0.0005          | 0.0060         |              |
| Arsenic (mg/L)                              | 1 | 0.0002   | 0.0002      | 3       | 0.0002   | <0.0002 - 0.0002 | 0.0100         |              |
| Barium (mg/L)                               | 1 | 0.073    | 0.073       | 3       | 0.065    | 0.056 - 0.073    | 2.000          |              |
| Boron (mg/L)                                | 1 | 0.014    | 0.014       | 3       | 0.014    | 0.010 - 0.018    | 5.000          |              |
| Bromate Dissolved (mg/L)                    | 1 | <0.005   | <0.005      | 3       | <0.005   | <0.005           | 0.010          |              |
| Cadmium (mg/L)                              | 1 | <0.00002 | <0.00002    | 3       | <0.00002 | <0.00002         | 0.00700        |              |
| Chlorate Dissolved (mg/L)                   | 1 | 0.28     | 0.28        | 3       | 0.24     | 0.21 - 0.28      | 1.00           |              |
| Chlorine total (mg/L)                       | 5 | 1.62     | 1.45 - 1.66 | 26      | 1.81     | 1.45 - 1.95      |                | 1.00 - 2.40  |
| Chlorite Dissolved (mg/L)                   | 1 | <0.005   | <0.005      | 3       | <0.005   | <0.005           | 1.000          |              |
| Chromium (mg/L)                             | 1 | <0.0002  | <0.0002     | 3       | <0.0002  | <0.0002          | 0.0500         |              |
| Fluoride (mg/L)                             | 1 | 0.74     | 0.74        | 3       | 0.70     | 0.67 - 0.74      | 1.50           | 0.60 - 0.80  |
| Lead (mg/L)                                 | 1 | <0.0002  | <0.0002     | 3       | <0.0002  | <0.0002          | 0.0050         |              |
| Manganese (mg/L)                            | 1 | <0.002   | <0.002      | 3       | <0.002   | <0.002           | 0.120 (0.020)  |              |
| Mercury (µg/L)                              | 1 | <0.0050  | <0.0050     | 3       | <0.0050  | <0.0050          | 1.000          |              |
| Nitrate (as N) dissolved (mg/L)             | 4 | 0.11     | 0.09 - 0.12 | 6       | 0.11     | 0.09 - 0.12      | 10.00          |              |
| Nitrite (as N) dissolved (mg/L)             | 4 | 0.02     | 0.01 - 0.02 | 6       | 0.02     | 0.01 - 0.02      | 1.00           |              |
| Selenium (mg/L)                             | 1 | 0.0003   | 0.0003      | 3       | 0.0003   | 0.0003           | 0.0500         |              |
| Uranium (mg/L)                              | 1 | <0.0005  | <0.0005     | 3       | 0.0005   | <0.0005 - 0.0006 | 0.0200         |              |
| <b>Primary Organics</b>                     |   |          |             |         |          |                  |                |              |
| Benzene (µg/L)                              | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 5.0            |              |
| Carbon Tetrachloride (µg/L)                 | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 2.0            |              |
| Dichlorobenzene (1,4) (µg/L)                | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 5.0 (1.0)      |              |
| Dichloroethane (1,2) (µg/L)                 | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 5.0            |              |
| Ethylbenzene (µg/L)                         | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 140.0 (1.6)    |              |
| Methylene Chloride (Dichloromethane) (µg/L) | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 50.0           |              |
| Tetrachloroethylene (µg/L)                  | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 10.0           |              |
| Toluene (µg/L)                              | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 60.0 (24.0)    |              |
| Trichloroethylene (µg/L)                    | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 5.0            |              |
| Trihalomethanes (µg/L)                      | 1 | 26.9     | 26.9        | 3       | 20.2     | 10.5 - 26.9      | 100.0          | 50.0         |
| Vinyl Chloride (µg/L)                       | 1 | <1.0     | <1.0        | 3       | <1.0     | <1.0             | 2.0            |              |

## 2.2.12 Londonderry Reservoir

June 2026



| Parameter (Units)                          | # | Mean     | Range       | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|--------------------------------------------|---|----------|-------------|---------|----------|------------------|----------------|--------------|
| <b>Secondary Inorganics</b>                |   |          |             |         |          |                  |                |              |
| Alkalinity total (mg CaCO <sub>3</sub> /L) | 1 | 105.0    | 105.0       | 3       | 115.7    | 105.0 - 131.0    |                |              |
| Aluminum (mg/L)                            | 1 | 0.030    | 0.030       | 3       | 0.039    | 0.019 - 0.069    | 2.900 (0.100)  |              |
| Ammonia as NH <sub>3</sub> (mg/L)          | 4 | 0.14     | 0.12 - 0.16 | 6       | 0.13     | 0.09 - 0.16      |                |              |
| Beryllium (mg/L)                           | 1 | <0.0002  | <0.0002     | 3       | <0.0002  | <0.0002          |                |              |
| Bromide Dissolved (mg/L)                   | 1 | <0.03    | <0.03       | 3       | <0.03    | <0.03            |                |              |
| Calcium (mg/L)                             | 1 | 49.7     | 49.7        | 3       | 49.7     | 46.5 - 53.0      |                |              |
| Calcium Hardness (mg/L CaCO <sub>3</sub> ) | 1 | 124.0    | 124.0       | 3       | 124.0    | 116.0 - 132.0    |                |              |
| Chloride Dissolved (mg/L)                  | 1 | 9.8      | 9.8         | 3       | 8.5      | 7.2 - 9.8        | (250.0)        |              |
| Cobalt (mg/L)                              | 1 | <0.0002  | <0.0002     | 3       | <0.0002  | <0.0002          |                |              |
| Copper (mg/L)                              | 1 | <0.002   | <0.002      | 3       | <0.002   | <0.002           | 2.000 (1.000)  |              |
| Iron (mg/L)                                | 1 | <0.005   | <0.005      | 3       | <0.005   | <0.005           | (0.100)        |              |
| Lithium (mg/L)                             | 1 | 0.0032   | 0.0032      | 3       | 0.0035   | 0.0032 - 0.0038  |                |              |
| Magnesium (mg/L)                           | 1 | 13.9     | 13.9        | 3       | 14.7     | 13.9 - 15.9      |                |              |
| Molybdenum (mg/L)                          | 1 | 0.0007   | 0.0007      | 3       | 0.0008   | 0.0007 - 0.0009  |                |              |
| Nickel (mg/L)                              | 1 | 0.0007   | 0.0007      | 3       | 0.0006   | <0.0005 - 0.0007 |                |              |
| Phosphate Ortho (as P) (mg/L as P)         | 5 | 0.92     | 0.92        | 26      | 0.91     | 0.88 - 0.94      |                |              |
| Phosphorus (mg/L)                          | 1 | 1.00     | 1.00        | 3       | 0.99     | 0.98 - 1.00      |                |              |
| Potassium (mg/L)                           | 1 | 1.2      | 1.2         | 3       | 1.1      | 0.8 - 1.4        |                |              |
| Silicon (mg/L)                             | 1 | 2.54     | 2.54        | 3       | 2.47     | 2.13 - 2.73      |                |              |
| Silver (mg/L)                              | 1 | <0.00002 | <0.00002    | 3       | <0.00002 | <0.00002         |                |              |
| Sodium (mg/L)                              | 1 | 19.5     | 19.5        | 3       | 14.0     | 8.5 - 19.5       | (200.0)        |              |
| Strontium (mg/L)                           | 1 | 0.410    | 0.410       | 3       | 0.435    | 0.410 - 0.448    | 7.000          |              |
| Sulphate Dissolved (mg/L)                  | 1 | 92.6     | 92.6        | 3       | 79.3     | 67.8 - 92.6      | (500.0)        |              |
| Thallium (mg/L)                            | 1 | <0.0002  | <0.0002     | 3       | <0.0002  | <0.0002          |                |              |
| Total Hardness (mg/L CaCO <sub>3</sub> )   | 1 | 181.0    | 181.0       | 3       | 184.7    | 175.0 - 198.0    |                |              |
| Vanadium (mg/L)                            | 1 | <0.0005  | <0.0005     | 3       | <0.0005  | <0.0005          |                |              |
| Zinc (mg/L)                                | 1 | <0.005   | <0.005      | 3       | <0.005   | <0.005           | (5.000)        |              |

## 2.2.12 Londonderry Reservoir

June 2026



| Parameter (Units)                        | # | Mean | Range     | # (YTD) | YTD Mean | YTD Range  | MAC (AO or OG) | EPCOR Target |
|------------------------------------------|---|------|-----------|---------|----------|------------|----------------|--------------|
| <b>Secondary Organics</b>                |   |      |           |         |          |            |                |              |
| Bromodichloromethane (µg/L)              | 1 | 1.6  | 1.6       | 3       | 1.5      | 1.4 - 1.6  |                |              |
| Bromoform (µg/L)                         | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Chlorobenzene (µg/L)                     | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Chloroform (µg/L)                        | 1 | 25.2 | 25.2      | 3       | 18.5     | 8.6 - 25.2 |                |              |
| Dibromochloromethane (µg/L)              | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichlorobenzene (1,2) (µg/L)             | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichlorobenzene (1,3) (µg/L)             | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichloroethylene (1,1) (µg/L)            | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       | 14.0           |              |
| Dichloroethylene cis (1,2) (µg/L)        | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichloroethylene trans (1,2) (µg/L)      | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichloropropane (1,2) (µg/L)             | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Methyl Isobutyl Ketone (MIBK) (µg/L)     | 1 | <1.0 | <1.0      | 3       | <1.0     | <1.0       |                |              |
| Methyl t-Butyl Ether (MTBE) (µg/L)       | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       | (15.0)         |              |
| Styrene (µg/L)                           | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Tetrachloroethane (1,1,2,2) (µg/L)       | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Total Organic Carbon (mg/L)              | 4 | 2.4  | 2.0 - 2.7 | 6       | 2.0      | 1.1 - 2.7  |                |              |
| Total Volatile Organics (Non THM) (µg/L) | 1 | 1.3  | 1.3       | 3       | 1.2      | <1.0 - 1.3 |                |              |
| Trichlorobenzene (1,2,4) (µg/L)          | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Trichloroethane (1,1,1) (µg/L)           | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Xylene (1,2) (µg/L)                      | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Xylene (1,4) (µg/L)                      | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Xylenes total (µg/L)                     | 1 | <1.0 | <1.0      | 3       | <1.0     | <1.0       | 90.0 (20.0)    |              |

## 2.2.13 Millwoods Reservoir

June 2026



| Parameter (Units)                           | # | Mean     | Range        | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|---------------------------------------------|---|----------|--------------|---------|----------|------------------|----------------|--------------|
| <b>Physical</b>                             |   |          |              |         |          |                  |                |              |
| Colour (TCU)                                | 1 | 0.6      | 0.6          | 3       | 0.7      | <0.5 - 1.0       | (15.0)         | 10.0         |
| Conductivity (µS/cm)                        | 1 | 519.0    | 519.0        | 3       | 444.7    | 403.0 - 519.0    |                |              |
| pH                                          | 1 | 8        | 8            | 3       | 8        | 8                |                | 7 - 8        |
| Turbidity (NTU)                             | 5 | 0.05     | <0.04 - 0.06 | 26      | 0.08     | <0.04 - 0.21     | (3.00)         | 1.00         |
| <b>Primary Inorganics</b>                   |   |          |              |         |          |                  |                |              |
| Antimony (mg/L)                             | 1 | <0.0005  | <0.0005      | 3       | <0.0005  | <0.0005          | 0.0060         |              |
| Arsenic (mg/L)                              | 1 | <0.0002  | <0.0002      | 3       | 0.0002   | <0.0002 - 0.0002 | 0.0100         |              |
| Barium (mg/L)                               | 1 | 0.075    | 0.075        | 3       | 0.066    | 0.057 - 0.075    | 2.000          |              |
| Boron (mg/L)                                | 1 | 0.015    | 0.015        | 3       | 0.015    | 0.010 - 0.021    | 5.000          |              |
| Bromate Dissolved (mg/L)                    | 1 | <0.005   | <0.005       | 3       | <0.005   | <0.005           | 0.010          |              |
| Cadmium (mg/L)                              | 1 | <0.00002 | <0.00002     | 3       | <0.00002 | <0.00002         | 0.00700        |              |
| Chlorate Dissolved (mg/L)                   | 1 | 0.14     | 0.14         | 3       | 0.13     | 0.09 - 0.15      | 1.00           |              |
| Chlorine total (mg/L)                       | 5 | 1.84     | 1.74 - 1.92  | 26      | 1.94     | 1.74 - 2.10      |                | 1.00 - 2.40  |
| Chlorite Dissolved (mg/L)                   | 1 | <0.005   | <0.005       | 3       | <0.005   | <0.005           | 1.000          |              |
| Chromium (mg/L)                             | 1 | <0.0002  | <0.0002      | 3       | <0.0002  | <0.0002          | 0.0500         |              |
| Fluoride (mg/L)                             | 1 | 0.62     | 0.62         | 3       | 0.67     | 0.62 - 0.71      | 1.50           | 0.60 - 0.80  |
| Lead (mg/L)                                 | 1 | <0.0002  | <0.0002      | 3       | <0.0002  | <0.0002          | 0.0050         |              |
| Manganese (mg/L)                            | 1 | 0.004    | 0.004        | 3       | 0.003    | <0.002 - 0.004   | 0.120 (0.020)  |              |
| Mercury (µg/L)                              | 1 | <0.0050  | <0.0050      | 3       | <0.0050  | <0.0050          | 1.000          |              |
| Nitrate (as N) dissolved (mg/L)             | 4 | 0.09     | 0.08 - 0.10  | 6       | 0.09     | 0.08 - 0.10      | 10.00          |              |
| Nitrite (as N) dissolved (mg/L)             | 4 | 0.02     | 0.02         | 6       | 0.02     | 0.02             | 1.00           |              |
| Selenium (mg/L)                             | 1 | 0.0003   | 0.0003       | 3       | 0.0003   | 0.0003           | 0.0500         |              |
| Uranium (mg/L)                              | 1 | <0.0005  | <0.0005      | 3       | 0.0005   | <0.0005 - 0.0005 | 0.0200         |              |
| <b>Primary Organics</b>                     |   |          |              |         |          |                  |                |              |
| Benzene (µg/L)                              | 1 | <0.5     | <0.5         | 3       | <0.5     | <0.5             | 5.0            |              |
| Carbon Tetrachloride (µg/L)                 | 1 | <0.5     | <0.5         | 3       | <0.5     | <0.5             | 2.0            |              |
| Dichlorobenzene (1,4) (µg/L)                | 1 | <0.5     | <0.5         | 3       | <0.5     | <0.5             | 5.0 (1.0)      |              |
| Dichloroethane (1,2) (µg/L)                 | 1 | <0.5     | <0.5         | 3       | <0.5     | <0.5             | 5.0            |              |
| Ethylbenzene (µg/L)                         | 1 | <0.5     | <0.5         | 3       | <0.5     | <0.5             | 140.0 (1.6)    |              |
| Methylene Chloride (Dichloromethane) (µg/L) | 1 | <0.5     | <0.5         | 3       | <0.5     | <0.5             | 50.0           |              |
| Tetrachloroethylene (µg/L)                  | 1 | <0.5     | <0.5         | 3       | <0.5     | <0.5             | 10.0           |              |
| Toluene (µg/L)                              | 1 | <0.5     | <0.5         | 3       | <0.5     | <0.5             | 60.0 (24.0)    |              |
| Trichloroethylene (µg/L)                    | 1 | <0.5     | <0.5         | 3       | <0.5     | <0.5             | 5.0            |              |
| Trihalomethanes (µg/L)                      | 1 | 23.7     | 23.7         | 3       | 16.7     | 7.1 - 23.7       | 100.0          | 50.0         |
| Vinyl Chloride (µg/L)                       | 1 | <1.0     | <1.0         | 3       | <1.0     | <1.0             | 2.0            |              |

## 2.2.13 Millwoods Reservoir

June 2026



| Parameter (Units)                          | # | Mean     | Range       | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|--------------------------------------------|---|----------|-------------|---------|----------|------------------|----------------|--------------|
| <b>Secondary Inorganics</b>                |   |          |             |         |          |                  |                |              |
| Alkalinity total (mg CaCO <sub>3</sub> /L) | 1 | 109.0    | 109.0       | 3       | 117.0    | 109.0 - 128.0    |                |              |
| Aluminum (mg/L)                            | 1 | 0.020    | 0.020       | 3       | 0.041    | 0.020 - 0.078    | 2.900 (0.100)  |              |
| Ammonia as NH <sub>3</sub> (mg/L)          | 3 | 0.14     | 0.13 - 0.15 | 5       | 0.12     | 0.08 - 0.15      |                |              |
| Beryllium (mg/L)                           | 1 | <0.0002  | <0.0002     | 3       | <0.0002  | <0.0002          |                |              |
| Bromide Dissolved (mg/L)                   | 1 | <0.03    | <0.03       | 3       | <0.03    | <0.03            |                |              |
| Calcium (mg/L)                             | 1 | 49.1     | 49.1        | 3       | 50.0     | 47.2 - 53.7      |                |              |
| Calcium Hardness (mg/L CaCO <sub>3</sub> ) | 1 | 123.0    | 123.0       | 3       | 125.0    | 118.0 - 134.0    |                |              |
| Chloride Dissolved (mg/L)                  | 1 | 8.9      | 8.9         | 3       | 8.1      | 7.7 - 8.9        | (250.0)        |              |
| Cobalt (mg/L)                              | 1 | <0.0002  | <0.0002     | 3       | <0.0002  | <0.0002          |                |              |
| Copper (mg/L)                              | 1 | <0.002   | <0.002      | 3       | <0.002   | <0.002           | 2.000 (1.000)  |              |
| Iron (mg/L)                                | 1 | <0.005   | <0.005      | 3       | <0.005   | <0.005           | (0.100)        |              |
| Lithium (mg/L)                             | 1 | 0.0034   | 0.0034      | 3       | 0.0035   | 0.0034 - 0.0038  |                |              |
| Magnesium (mg/L)                           | 1 | 13.3     | 13.3        | 3       | 14.5     | 13.3 - 16.0      |                |              |
| Molybdenum (mg/L)                          | 1 | 0.0006   | 0.0006      | 3       | 0.0007   | 0.0006 - 0.0009  |                |              |
| Nickel (mg/L)                              | 1 | 0.0007   | 0.0007      | 3       | 0.0006   | <0.0005 - 0.0007 |                |              |
| Phosphate Ortho (as P) (mg/L as P)         | 5 | 0.94     | 0.92 - 0.94 | 26      | 0.90     | 0.86 - 0.94      |                |              |
| Phosphorus (mg/L)                          | 1 | 1.02     | 1.02        | 3       | 0.99     | 0.97 - 1.02      |                |              |
| Potassium (mg/L)                           | 1 | 1.2      | 1.2         | 3       | 1.1      | 0.8 - 1.2        |                |              |
| Silicon (mg/L)                             | 1 | 2.82     | 2.82        | 3       | 2.55     | 2.11 - 2.82      |                |              |
| Silver (mg/L)                              | 1 | <0.00002 | <0.00002    | 3       | <0.00002 | <0.00002         |                |              |
| Sodium (mg/L)                              | 1 | 29.8     | 29.8        | 3       | 17.7     | 8.7 - 29.8       | (200.0)        |              |
| Strontium (mg/L)                           | 1 | 0.391    | 0.391       | 3       | 0.433    | 0.391 - 0.457    | 7.000          |              |
| Sulphate Dissolved (mg/L)                  | 1 | 112.0    | 112.0       | 3       | 85.2     | 67.8 - 112.0     | (500.0)        |              |
| Thallium (mg/L)                            | 1 | <0.0002  | <0.0002     | 3       | <0.0002  | <0.0002          |                |              |
| Total Hardness (mg/L CaCO <sub>3</sub> )   | 1 | 177.0    | 177.0       | 3       | 184.3    | 176.0 - 200.0    |                |              |
| Vanadium (mg/L)                            | 1 | <0.0005  | <0.0005     | 3       | <0.0005  | <0.0005          |                |              |
| Zinc (mg/L)                                | 1 | <0.005   | <0.005      | 3       | <0.005   | <0.005           | (5.000)        |              |

## 2.2.13 Millwoods Reservoir

June 2026



| Parameter (Units)                        | # | Mean | Range     | # (YTD) | YTD Mean | YTD Range  | MAC (AO or OG) | EPCOR Target |
|------------------------------------------|---|------|-----------|---------|----------|------------|----------------|--------------|
| <b>Secondary Organics</b>                |   |      |           |         |          |            |                |              |
| Bromodichloromethane (µg/L)              | 1 | 1.1  | 1.1       | 3       | 1.1      | 1.0 - 1.2  |                |              |
| Bromoform (µg/L)                         | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Chlorobenzene (µg/L)                     | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Chloroform (µg/L)                        | 1 | 22.4 | 22.4      | 3       | 15.4     | 5.6 - 22.4 |                |              |
| Dibromochloromethane (µg/L)              | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichlorobenzene (1,2) (µg/L)             | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichlorobenzene (1,3) (µg/L)             | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichloroethylene (1,1) (µg/L)            | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       | 14.0           |              |
| Dichloroethylene cis (1,2) (µg/L)        | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichloroethylene trans (1,2) (µg/L)      | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichloropropane (1,2) (µg/L)             | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Methyl Isobutyl Ketone (MIBK) (µg/L)     | 1 | <1.0 | <1.0      | 3       | <1.0     | <1.0       |                |              |
| Methyl t-Butyl Ether (MTBE) (µg/L)       | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       | (15.0)         |              |
| Styrene (µg/L)                           | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Tetrachloroethane (1,1,2,2) (µg/L)       | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Total Organic Carbon (mg/L)              | 4 | 2.3  | 1.9 - 2.5 | 6       | 2.0      | 1.0 - 2.5  |                |              |
| Total Volatile Organics (Non THM) (µg/L) | 1 | 1.2  | 1.2       | 3       | 1.1      | <1.0 - 1.2 |                |              |
| Trichlorobenzene (1,2,4) (µg/L)          | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Trichloroethane (1,1,1) (µg/L)           | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Xylene (1,2) (µg/L)                      | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Xylene (1,4) (µg/L)                      | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Xylenes total (µg/L)                     | 1 | <1.0 | <1.0      | 3       | <1.0     | <1.0       | 90.0 (20.0)    |              |

## 2.2.14 North Jasper Place Reservoir

June 2026



| Parameter (Units)                           | # | Mean | Range       | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|---------------------------------------------|---|------|-------------|---------|----------|------------------|----------------|--------------|
| <b>Physical</b>                             |   |      |             |         |          |                  |                |              |
| Colour (TCU)                                |   |      |             | 3       | 0.6      | <0.5 - 0.7       | (15.0)         | 10.0         |
| Conductivity (µS/cm)                        |   |      |             | 3       | 403.3    | 394.0 - 418.0    |                |              |
| pH                                          |   |      |             | 3       | 8        | 8                |                | 7 - 8        |
| Turbidity (NTU)                             | 5 | 0.07 | 0.05 - 0.09 | 26      | 0.10     | 0.05 - 0.44      | (3.00)         | 1.00         |
| <b>Primary Inorganics</b>                   |   |      |             |         |          |                  |                |              |
| Antimony (mg/L)                             |   |      |             | 3       | <0.0005  | <0.0005          | 0.0060         |              |
| Arsenic (mg/L)                              |   |      |             | 3       | 0.0002   | <0.0002 - 0.0002 | 0.0100         |              |
| Barium (mg/L)                               |   |      |             | 3       | 0.065    | 0.061 - 0.068    | 2.000          |              |
| Boron (mg/L)                                |   |      |             | 3       | 0.010    | 0.009 - 0.011    | 5.000          |              |
| Bromate Dissolved (mg/L)                    |   |      |             | 3       | <0.005   | <0.005           | 0.010          |              |
| Cadmium (mg/L)                              |   |      |             | 3       | <0.00002 | <0.00002         | 0.00700        |              |
| Chlorate Dissolved (mg/L)                   |   |      |             | 3       | 0.12     | 0.11 - 0.14      | 1.00           |              |
| Chlorine total (mg/L)                       | 5 | 1.51 | 1.40 - 1.63 | 26      | 1.68     | 1.40 - 1.82      |                | 1.00 - 2.40  |
| Chlorite Dissolved (mg/L)                   |   |      |             | 3       | <0.005   | <0.005           | 1.000          |              |
| Chromium (mg/L)                             |   |      |             | 3       | <0.0002  | <0.0002          | 0.0500         |              |
| Fluoride (mg/L)                             |   |      |             | 3       | 0.68     | 0.65 - 0.72      | 1.50           | 0.60 - 0.80  |
| Lead (mg/L)                                 |   |      |             | 3       | <0.0002  | <0.0002          | 0.0050         |              |
| Manganese (mg/L)                            |   |      |             | 3       | <0.002   | <0.002           | 0.120 (0.020)  |              |
| Mercury (µg/L)                              |   |      |             | 3       | <0.0050  | <0.0050          | 1.0000         |              |
| Nitrate (as N) dissolved (mg/L)             | 3 | 0.10 | 0.09 - 0.11 | 6       | 0.09     | 0.03 - 0.11      | 10.00          |              |
| Nitrite (as N) dissolved (mg/L)             | 3 | 0.02 | 0.02        | 6       | 0.02     | 0.01 - 0.02      | 1.00           |              |
| Selenium (mg/L)                             |   |      |             | 3       | 0.0003   | 0.0002 - 0.0003  | 0.0500         |              |
| Uranium (mg/L)                              |   |      |             | 3       | 0.0005   | <0.0005 - 0.0006 | 0.0200         |              |
| <b>Primary Organics</b>                     |   |      |             |         |          |                  |                |              |
| Benzene (µg/L)                              |   |      |             | 3       | <0.5     | <0.5             | 5.0            |              |
| Carbon Tetrachloride (µg/L)                 |   |      |             | 3       | <0.5     | <0.5             | 2.0            |              |
| Dichlorobenzene (1,4) (µg/L)                |   |      |             | 3       | <0.5     | <0.5             | 5.0 (1.0)      |              |
| Dichloroethane (1,2) (µg/L)                 |   |      |             | 3       | <0.5     | <0.5             | 5.0            |              |
| Ethylbenzene (µg/L)                         |   |      |             | 3       | <0.5     | <0.5             | 140.0 (1.6)    |              |
| Methylene Chloride (Dichloromethane) (µg/L) |   |      |             | 3       | <0.5     | <0.5             | 50.0           |              |
| Tetrachloroethylene (µg/L)                  |   |      |             | 3       | <0.5     | <0.5             | 10.0           |              |
| Toluene (µg/L)                              |   |      |             | 3       | <0.5     | <0.5             | 60.0 (24.0)    |              |
| Trichloroethylene (µg/L)                    |   |      |             | 3       | <0.5     | <0.5             | 5.0            |              |
| Trihalomethanes (µg/L)                      |   |      |             | 3       | 18.3     | 16.2 - 20.0      | 100.0          | 50.0         |
| Vinyl Chloride (µg/L)                       |   |      |             | 3       | <1.0     | <1.0             | 2.0            |              |

## 2.2.14 North Jasper Place Reservoir

June 2026



| Parameter (Units)                          | # | Mean | Range       | # (YTD) | YTD Mean | YTD Range       | MAC (AO or OG) | EPCOR Target |
|--------------------------------------------|---|------|-------------|---------|----------|-----------------|----------------|--------------|
| <b>Secondary Inorganics</b>                |   |      |             |         |          |                 |                |              |
| Alkalinity total (mg CaCO <sub>3</sub> /L) |   |      |             | 3       | 124.3    | 114.0 - 131.0   |                |              |
| Aluminum (mg/L)                            |   |      |             | 3       | 0.112    | 0.037 - 0.221   | 2.900 (0.100)  |              |
| Ammonia as NH <sub>3</sub> (mg/L)          | 3 | 0.18 | 0.17 - 0.20 | 6       | 0.15     | 0.10 - 0.20     |                |              |
| Beryllium (mg/L)                           |   |      |             | 3       | <0.0002  | <0.0002         |                |              |
| Bromide Dissolved (mg/L)                   |   |      |             | 3       | <0.03    | <0.03           |                |              |
| Calcium (mg/L)                             |   |      |             | 3       | 51.7     | 47.0 - 55.2     |                |              |
| Calcium Hardness (mg/L CaCO <sub>3</sub> ) |   |      |             | 3       | 129.0    | 117.0 - 138.0   |                |              |
| Chloride Dissolved (mg/L)                  |   |      |             | 3       | 6.5      | 5.8 - 7.3       | (250.0)        |              |
| Cobalt (mg/L)                              |   |      |             | 3       | <0.0002  | <0.0002         |                |              |
| Copper (mg/L)                              |   |      |             | 3       | <0.002   | <0.002          | 2.000 (1.000)  |              |
| Iron (mg/L)                                |   |      |             | 3       | 0.007    | <0.005 - 0.011  | (0.100)        |              |
| Lithium (mg/L)                             |   |      |             | 3       | 0.0034   | 0.0030 - 0.0037 |                |              |
| Magnesium (mg/L)                           |   |      |             | 3       | 15.4     | 14.0 - 16.3     |                |              |
| Molybdenum (mg/L)                          |   |      |             | 3       | 0.0007   | 0.0007          |                |              |
| Nickel (mg/L)                              |   |      |             | 3       | <0.0005  | <0.0005         |                |              |
| Phosphate Ortho (as P) (mg/L as P)         | 5 | 0.92 | 0.88 - 0.94 | 26      | 0.90     | 0.82 - 1.06     |                |              |
| Phosphorus (mg/L)                          |   |      |             | 3       | 0.96     | 0.92 - 1.04     |                |              |
| Potassium (mg/L)                           |   |      |             | 3       | 0.9      | 0.8 - 1.1       |                |              |
| Silicon (mg/L)                             |   |      |             | 3       | 2.33     | 1.88 - 2.56     |                |              |
| Silver (mg/L)                              |   |      |             | 3       | <0.00002 | <0.00002        |                |              |
| Sodium (mg/L)                              |   |      |             | 3       | 10.5     | 7.4 - 15.9      | (200.0)        |              |
| Strontium (mg/L)                           |   |      |             | 3       | 0.467    | 0.439 - 0.482   | 7.000          |              |
| Sulphate Dissolved (mg/L)                  |   |      |             | 3       | 71.0     | 66.2 - 76.6     | (500.0)        |              |
| Thallium (mg/L)                            |   |      |             | 3       | <0.0002  | <0.0002         |                |              |
| Total Hardness (mg/L CaCO <sub>3</sub> )   |   |      |             | 3       | 192.7    | 175.0 - 205.0   |                |              |
| Vanadium (mg/L)                            |   |      |             | 3       | <0.0005  | <0.0005         |                |              |
| Zinc (mg/L)                                |   |      |             | 3       | <0.005   | <0.005          | (5.000)        |              |

## 2.2.14 North Jasper Place Reservoir

June 2026



| Parameter (Units)                        | # | Mean | Range     | # (YTD) | YTD Mean | YTD Range   | MAC (AO or OG) | EPCOR Target |
|------------------------------------------|---|------|-----------|---------|----------|-------------|----------------|--------------|
| <b>Secondary Organics</b>                |   |      |           |         |          |             |                |              |
| Bromodichloromethane (µg/L)              |   |      |           | 3       | 1.0      | 0.9 - 1.1   |                |              |
| Bromoform (µg/L)                         |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Chlorobenzene (µg/L)                     |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Chloroform (µg/L)                        |   |      |           | 3       | 16.9     | 15.1 - 18.3 |                |              |
| Dibromochloromethane (µg/L)              |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichlorobenzene (1,2) (µg/L)             |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichlorobenzene (1,3) (µg/L)             |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichloroethylene (1,1) (µg/L)            |   |      |           | 3       | <0.5     | <0.5        | 14.0           |              |
| Dichloroethylene cis (1,2) (µg/L)        |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichloroethylene trans (1,2) (µg/L)      |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichloropropane (1,2) (µg/L)             |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Methyl Isobutyl Ketone (MIBK) (µg/L)     |   |      |           | 3       | <1.0     | <1.0        |                |              |
| Methyl t-Butyl Ether (MTBE) (µg/L)       |   |      |           | 3       | <0.5     | <0.5        | (15.0)         |              |
| Styrene (µg/L)                           |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Tetrachloroethane (1,1,2,2) (µg/L)       |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Total Organic Carbon (mg/L)              | 3 | 2.1  | 2.0 - 2.1 | 6       | 1.7      | 1.3 - 2.1   |                |              |
| Total Volatile Organics (Non THM) (µg/L) |   |      |           | 3       | 1.9      | <1.0 - 3.8  |                |              |
| Trichlorobenzene (1,2,4) (µg/L)          |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Trichloroethane (1,1,1) (µg/L)           |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Xylene (1,2) (µg/L)                      |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Xylene (1,4) (µg/L)                      |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Xylenes total (µg/L)                     |   |      |           | 3       | <1.0     | <1.0        | 90.0 (20.0)    |              |

## 2.2.15 Ormsby Reservoir

June 2026



| Parameter (Units)                           | # | Mean | Range       | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|---------------------------------------------|---|------|-------------|---------|----------|------------------|----------------|--------------|
| <b>Physical</b>                             |   |      |             |         |          |                  |                |              |
| Colour (TCU)                                |   |      |             | 2       | 0.9      | <0.5 - 1.2       | (15.0)         | 10.0         |
| Conductivity (µS/cm)                        |   |      |             | 2       | 404.5    | 403.0 - 406.0    |                |              |
| pH                                          |   |      |             | 2       | 8        | 8                |                | 7 - 8        |
| Turbidity (NTU)                             | 3 | 0.06 | 0.05 - 0.07 | 24      | 0.10     | 0.05 - 0.48      | (3.00)         | 1.00         |
| <b>Primary Inorganics</b>                   |   |      |             |         |          |                  |                |              |
| Antimony (mg/L)                             |   |      |             | 2       | <0.0005  | <0.0005          | 0.0060         |              |
| Arsenic (mg/L)                              |   |      |             | 2       | 0.0002   | <0.0002 - 0.0002 | 0.0100         |              |
| Barium (mg/L)                               |   |      |             | 2       | 0.062    | 0.058 - 0.066    | 2.000          |              |
| Boron (mg/L)                                |   |      |             | 2       | 0.015    | 0.010 - 0.020    | 5.000          |              |
| Bromate Dissolved (mg/L)                    |   |      |             | 2       | <0.005   | <0.005           | 0.010          |              |
| Cadmium (mg/L)                              |   |      |             | 2       | <0.00002 | <0.00002         | 0.00700        |              |
| Chlorate Dissolved (mg/L)                   |   |      |             | 2       | 0.10     | 0.09 - 0.11      | 1.00           |              |
| Chlorine total (mg/L)                       | 3 | 1.72 | 1.61 - 1.81 | 24      | 1.91     | 1.61 - 2.21      |                | 1.00 - 2.40  |
| Chlorite Dissolved (mg/L)                   |   |      |             | 2       | <0.005   | <0.005           | 1.000          |              |
| Chromium (mg/L)                             |   |      |             | 2       | <0.0002  | <0.0002          | 0.0500         |              |
| Fluoride (mg/L)                             |   |      |             | 2       | 0.70     | 0.68 - 0.71      | 1.50           | 0.60 - 0.80  |
| Lead (mg/L)                                 |   |      |             | 2       | <0.0002  | <0.0002          | 0.0050         |              |
| Manganese (mg/L)                            |   |      |             | 2       | <0.002   | <0.002           | 0.120 (0.020)  |              |
| Mercury (µg/L)                              |   |      |             | 2       | <0.0050  | <0.0050          | 1.0000         |              |
| Nitrate (as N) dissolved (mg/L)             | 3 | 0.09 | 0.08 - 0.10 | 5       | 0.09     | 0.08 - 0.10      | 10.00          |              |
| Nitrite (as N) dissolved (mg/L)             | 3 | 0.02 | 0.02        | 5       | 0.02     | 0.01 - 0.02      | 1.00           |              |
| Selenium (mg/L)                             |   |      |             | 2       | 0.0003   | 0.0002 - 0.0003  | 0.0500         |              |
| Uranium (mg/L)                              |   |      |             | 2       | 0.0006   | <0.0005 - 0.0006 | 0.0200         |              |
| <b>Primary Organics</b>                     |   |      |             |         |          |                  |                |              |
| Benzene (µg/L)                              |   |      |             | 2       | <0.5     | <0.5             | 5.0            |              |
| Carbon Tetrachloride (µg/L)                 |   |      |             | 2       | <0.5     | <0.5             | 2.0            |              |
| Dichlorobenzene (1,4) (µg/L)                |   |      |             | 2       | <0.5     | <0.5             | 5.0 (1.0)      |              |
| Dichloroethane (1,2) (µg/L)                 |   |      |             | 2       | <0.5     | <0.5             | 5.0            |              |
| Ethylbenzene (µg/L)                         |   |      |             | 2       | <0.5     | <0.5             | 140.0 (1.6)    |              |
| Methylene Chloride (Dichloromethane) (µg/L) |   |      |             | 2       | <0.5     | <0.5             | 50.0           |              |
| Tetrachloroethylene (µg/L)                  |   |      |             | 2       | <0.5     | <0.5             | 10.0           |              |
| Toluene (µg/L)                              |   |      |             | 2       | <0.5     | <0.5             | 60.0 (24.0)    |              |
| Trichloroethylene (µg/L)                    |   |      |             | 2       | <0.5     | <0.5             | 5.0            |              |
| Trihalomethanes (µg/L)                      |   |      |             | 2       | 13.3     | 7.4 - 19.1       | 100.0          | 50.0         |
| Vinyl Chloride (µg/L)                       |   |      |             | 2       | <1.0     | <1.0             | 2.0            |              |

## 2.2.15 Ormsby Reservoir

June 2026



| Parameter (Units)                          | # | Mean | Range       | # (YTD) | YTD Mean | YTD Range       | MAC (AO or OG) | EPCOR Target |
|--------------------------------------------|---|------|-------------|---------|----------|-----------------|----------------|--------------|
| <b>Secondary Inorganics</b>                |   |      |             |         |          |                 |                |              |
| Alkalinity total (mg CaCO <sub>3</sub> /L) |   |      |             | 2       | 121.5    | 114.0 - 129.0   |                |              |
| Aluminum (mg/L)                            |   |      |             | 2       | 0.051    | 0.020 - 0.082   | 2.900 (0.100)  |              |
| Ammonia as NH <sub>3</sub> (mg/L)          | 2 | 0.15 | 0.14 - 0.16 | 4       | 0.12     | 0.08 - 0.16     |                |              |
| Beryllium (mg/L)                           |   |      |             | 2       | <0.0002  | <0.0002         |                |              |
| Bromide Dissolved (mg/L)                   |   |      |             | 2       | <0.03    | <0.03           |                |              |
| Calcium (mg/L)                             |   |      |             | 2       | 50.1     | 47.4 - 52.8     |                |              |
| Calcium Hardness (mg/L CaCO <sub>3</sub> ) |   |      |             | 2       | 125.0    | 118.0 - 132.0   |                |              |
| Chloride Dissolved (mg/L)                  |   |      |             | 2       | 7.3      | 6.8 - 7.7       | (250.0)        |              |
| Cobalt (mg/L)                              |   |      |             | 2       | <0.0002  | <0.0002         |                |              |
| Copper (mg/L)                              |   |      |             | 2       | <0.002   | <0.002          | 2.000 (1.000)  |              |
| Iron (mg/L)                                |   |      |             | 2       | <0.005   | <0.005          | (0.100)        |              |
| Lithium (mg/L)                             |   |      |             | 2       | 0.0036   | 0.0034 - 0.0038 |                |              |
| Magnesium (mg/L)                           |   |      |             | 2       | 15.2     | 14.4 - 15.9     |                |              |
| Molybdenum (mg/L)                          |   |      |             | 2       | 0.0008   | 0.0007 - 0.0009 |                |              |
| Nickel (mg/L)                              |   |      |             | 2       | <0.0005  | <0.0005         |                |              |
| Phosphate Ortho (as P) (mg/L as P)         | 3 | 0.94 | 0.94        | 24      | 0.90     | 0.86 - 1.00     |                |              |
| Phosphorus (mg/L)                          |   |      |             | 2       | 0.96     | 0.96            |                |              |
| Potassium (mg/L)                           |   |      |             | 2       | 1.0      | 0.8 - 1.2       |                |              |
| Silicon (mg/L)                             |   |      |             | 2       | 2.42     | 2.06 - 2.77     |                |              |
| Silver (mg/L)                              |   |      |             | 2       | <0.00002 | <0.00002        |                |              |
| Sodium (mg/L)                              |   |      |             | 2       | 11.5     | 8.2 - 14.7      | (200.0)        |              |
| Strontium (mg/L)                           |   |      |             | 2       | 0.454    | 0.452 - 0.455   | 7.000          |              |
| Sulphate Dissolved (mg/L)                  |   |      |             | 2       | 71.7     | 67.5 - 75.9     | (500.0)        |              |
| Thallium (mg/L)                            |   |      |             | 2       | <0.0002  | <0.0002         |                |              |
| Total Hardness (mg/L CaCO <sub>3</sub> )   |   |      |             | 2       | 187.5    | 178.0 - 197.0   |                |              |
| Vanadium (mg/L)                            |   |      |             | 2       | <0.0005  | <0.0005         |                |              |
| Zinc (mg/L)                                |   |      |             | 2       | <0.005   | <0.005          | (5.000)        |              |

## 2.2.15 Ormsby Reservoir

June 2026



| Parameter (Units)                        | # | Mean | Range     | # (YTD) | YTD Mean | YTD Range  | MAC (AO or OG) | EPCOR Target |
|------------------------------------------|---|------|-----------|---------|----------|------------|----------------|--------------|
| <b>Secondary Organics</b>                |   |      |           |         |          |            |                |              |
| Bromodichloromethane (µg/L)              |   |      |           | 2       | 1.1      | 1.0 - 1.1  |                |              |
| Bromoform (µg/L)                         |   |      |           | 2       | <0.5     | <0.5       |                |              |
| Chlorobenzene (µg/L)                     |   |      |           | 2       | <0.5     | <0.5       |                |              |
| Chloroform (µg/L)                        |   |      |           | 2       | 12.1     | 6.0 - 18.1 |                |              |
| Dibromochloromethane (µg/L)              |   |      |           | 2       | <0.5     | <0.5       |                |              |
| Dichlorobenzene (1,2) (µg/L)             |   |      |           | 2       | <0.5     | <0.5       |                |              |
| Dichlorobenzene (1,3) (µg/L)             |   |      |           | 2       | <0.5     | <0.5       |                |              |
| Dichloroethylene (1,1) (µg/L)            |   |      |           | 2       | <0.5     | <0.5       | 14.0           |              |
| Dichloroethylene cis (1,2) (µg/L)        |   |      |           | 2       | <0.5     | <0.5       |                |              |
| Dichloroethylene trans (1,2) (µg/L)      |   |      |           | 2       | <0.5     | <0.5       |                |              |
| Dichloropropane (1,2) (µg/L)             |   |      |           | 2       | <0.5     | <0.5       |                |              |
| Methyl Isobutyl Ketone (MIBK) (µg/L)     |   |      |           | 2       | <1.0     | <1.0       |                |              |
| Methyl t-Butyl Ether (MTBE) (µg/L)       |   |      |           | 2       | <0.5     | <0.5       | (15.0)         |              |
| Styrene (µg/L)                           |   |      |           | 2       | <0.5     | <0.5       |                |              |
| Tetrachloroethane (1,1,2,2) (µg/L)       |   |      |           | 2       | <0.5     | <0.5       |                |              |
| Total Organic Carbon (mg/L)              | 3 | 2.1  | 1.9 - 2.3 | 5       | 1.8      | 0.9 - 2.3  |                |              |
| Total Volatile Organics (Non THM) (µg/L) |   |      |           | 2       | <1.0     | <1.0       |                |              |
| Trichlorobenzene (1,2,4) (µg/L)          |   |      |           | 2       | <0.5     | <0.5       |                |              |
| Trichloroethane (1,1,1) (µg/L)           |   |      |           | 2       | <0.5     | <0.5       |                |              |
| Xylene (1,2) (µg/L)                      |   |      |           | 2       | <0.5     | <0.5       |                |              |
| Xylene (1,4) (µg/L)                      |   |      |           | 2       | <0.5     | <0.5       |                |              |
| Xylenes total (µg/L)                     |   |      |           | 2       | <1.0     | <1.0       | 90.0 (20.0)    |              |

## 2.2.16 Papaschase Reservoir 1

June 2026



| Parameter (Units)                           | # | Mean     | Range       | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|---------------------------------------------|---|----------|-------------|---------|----------|------------------|----------------|--------------|
| <b>Physical</b>                             |   |          |             |         |          |                  |                |              |
| Colour (TCU)                                | 1 | 0.6      | 0.6         | 3       | 0.7      | <0.5 - 1.0       | (15.0)         | 10.0         |
| Conductivity (µS/cm)                        | 1 | 492.0    | 492.0       | 3       | 432.7    | 399.0 - 492.0    |                |              |
| pH                                          | 1 | 8        | 8           | 3       | 8        | 8                |                | 7 - 8        |
| Turbidity (NTU)                             | 5 | 0.18     | 0.13 - 0.27 | 26      | 0.13     | 0.08 - 0.27      | (3.00)         | 1.00         |
| <b>Primary Inorganics</b>                   |   |          |             |         |          |                  |                |              |
| Antimony (mg/L)                             | 1 | <0.0005  | <0.0005     | 3       | <0.0005  | <0.0005          | 0.0060         |              |
| Arsenic (mg/L)                              | 1 | 0.0002   | 0.0002      | 3       | 0.0002   | <0.0002 - 0.0002 | 0.0100         |              |
| Barium (mg/L)                               | 1 | 0.074    | 0.074       | 3       | 0.064    | 0.055 - 0.074    | 2.000          |              |
| Boron (mg/L)                                | 1 | 0.015    | 0.015       | 3       | 0.013    | 0.010 - 0.015    | 5.000          |              |
| Bromate Dissolved (mg/L)                    | 1 | <0.005   | <0.005      | 3       | <0.005   | <0.005           | 0.010          |              |
| Cadmium (mg/L)                              | 1 | <0.00002 | <0.00002    | 3       | <0.00002 | <0.00002         | 0.00700        |              |
| Chlorate Dissolved (mg/L)                   | 1 | 0.25     | 0.25        | 3       | 0.23     | 0.21 - 0.25      | 1.00           |              |
| Chlorine total (mg/L)                       | 5 | 1.54     | 1.30 - 1.69 | 26      | 1.74     | 1.30 - 1.98      |                | 1.00 - 2.40  |
| Chlorite Dissolved (mg/L)                   | 1 | <0.005   | <0.005      | 3       | <0.005   | <0.005           | 1.000          |              |
| Chromium (mg/L)                             | 1 | <0.0002  | <0.0002     | 3       | <0.0002  | <0.0002          | 0.0500         |              |
| Fluoride (mg/L)                             | 1 | 0.66     | 0.66        | 3       | 0.69     | 0.66 - 0.74      | 1.50           | 0.60 - 0.80  |
| Lead (mg/L)                                 | 1 | <0.0002  | <0.0002     | 3       | <0.0002  | <0.0002          | 0.0050         |              |
| Manganese (mg/L)                            | 1 | <0.002   | <0.002      | 3       | <0.002   | <0.002           | 0.120 (0.020)  |              |
| Mercury (µg/L)                              | 1 | <0.0050  | <0.0050     | 3       | <0.0050  | <0.0050          | 1.000          |              |
| Nitrate (as N) dissolved (mg/L)             | 4 | 0.11     | 0.08 - 0.15 | 6       | 0.10     | 0.08 - 0.15      | 10.00          |              |
| Nitrite (as N) dissolved (mg/L)             | 4 | 0.02     | 0.01 - 0.02 | 6       | 0.02     | 0.01 - 0.02      | 1.00           |              |
| Selenium (mg/L)                             | 1 | 0.0003   | 0.0003      | 3       | 0.0003   | 0.0002 - 0.0003  | 0.0500         |              |
| Uranium (mg/L)                              | 1 | <0.0005  | <0.0005     | 3       | 0.0005   | <0.0005 - 0.0005 | 0.0200         |              |
| <b>Primary Organics</b>                     |   |          |             |         |          |                  |                |              |
| Benzene (µg/L)                              | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 5.0            |              |
| Carbon Tetrachloride (µg/L)                 | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 2.0            |              |
| Dichlorobenzene (1,4) (µg/L)                | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 5.0 (1.0)      |              |
| Dichloroethane (1,2) (µg/L)                 | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 5.0            |              |
| Ethylbenzene (µg/L)                         | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 140.0 (1.6)    |              |
| Methylene Chloride (Dichloromethane) (µg/L) | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 50.0           |              |
| Tetrachloroethylene (µg/L)                  | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 10.0           |              |
| Toluene (µg/L)                              | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 60.0 (24.0)    |              |
| Trichloroethylene (µg/L)                    | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 5.0            |              |
| Trihalomethanes (µg/L)                      | 1 | 25.2     | 25.2        | 3       | 19.1     | 10.4 - 25.2      | 100.0          | 50.0         |
| Vinyl Chloride (µg/L)                       | 1 | <1.0     | <1.0        | 3       | <1.0     | <1.0             | 2.0            |              |

## 2.2.16 Papaschase Reservoir 1

June 2026



| Parameter (Units)                          | # | Mean     | Range       | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|--------------------------------------------|---|----------|-------------|---------|----------|------------------|----------------|--------------|
| <b>Secondary Inorganics</b>                |   |          |             |         |          |                  |                |              |
| Alkalinity total (mg CaCO <sub>3</sub> /L) | 1 | 106.0    | 106.0       | 3       | 116.3    | 106.0 - 128.0    |                |              |
| Aluminum (mg/L)                            | 1 | 0.043    | 0.043       | 3       | 0.044    | 0.023 - 0.065    | 2.900 (0.100)  |              |
| Ammonia as NH <sub>3</sub> (mg/L)          | 3 | 0.15     | 0.15        | 5       | 0.14     | 0.10 - 0.15      |                |              |
| Beryllium (mg/L)                           | 1 | <0.0002  | <0.0002     | 3       | <0.0002  | <0.0002          |                |              |
| Bromide Dissolved (mg/L)                   | 1 | <0.03    | <0.03       | 3       | <0.03    | <0.03            |                |              |
| Calcium (mg/L)                             | 1 | 49.6     | 49.6        | 3       | 50.0     | 47.5 - 53.0      |                |              |
| Calcium Hardness (mg/L CaCO <sub>3</sub> ) | 1 | 124.0    | 124.0       | 3       | 125.0    | 119.0 - 132.0    |                |              |
| Chloride Dissolved (mg/L)                  | 1 | 9.3      | 9.3         | 3       | 7.9      | 6.0 - 9.3        | (250.0)        |              |
| Cobalt (mg/L)                              | 1 | <0.0002  | <0.0002     | 3       | <0.0002  | <0.0002          |                |              |
| Copper (mg/L)                              | 1 | <0.002   | <0.002      | 3       | <0.002   | <0.002           | 2.000 (1.000)  |              |
| Iron (mg/L)                                | 1 | 0.016    | 0.016       | 3       | 0.010    | 0.006 - 0.016    | (0.100)        |              |
| Lithium (mg/L)                             | 1 | 0.0033   | 0.0033      | 3       | 0.0035   | 0.0033 - 0.0037  |                |              |
| Magnesium (mg/L)                           | 1 | 13.5     | 13.5        | 3       | 14.7     | 13.5 - 15.8      |                |              |
| Molybdenum (mg/L)                          | 1 | 0.0007   | 0.0007      | 3       | 0.0008   | 0.0007 - 0.0009  |                |              |
| Nickel (mg/L)                              | 1 | 0.0007   | 0.0007      | 3       | 0.0006   | <0.0005 - 0.0007 |                |              |
| Phosphate Ortho (as P) (mg/L as P)         | 5 | 0.91     | 0.90 - 0.92 | 26      | 0.90     | 0.88 - 0.92      |                |              |
| Phosphorus (mg/L)                          | 1 | 1.01     | 1.01        | 3       | 0.98     | 0.95 - 1.01      |                |              |
| Potassium (mg/L)                           | 1 | 1.3      | 1.3         | 3       | 1.1      | 0.8 - 1.3        |                |              |
| Silicon (mg/L)                             | 1 | 2.69     | 2.69        | 3       | 2.50     | 2.12 - 2.69      |                |              |
| Silver (mg/L)                              | 1 | <0.00002 | <0.00002    | 3       | <0.00002 | <0.00002         |                |              |
| Sodium (mg/L)                              | 1 | 22.3     | 22.3        | 3       | 14.5     | 7.6 - 22.3       | (200.0)        |              |
| Strontium (mg/L)                           | 1 | 0.406    | 0.406       | 3       | 0.440    | 0.406 - 0.458    | 7.000          |              |
| Sulphate Dissolved (mg/L)                  | 1 | 99.0     | 99.0        | 3       | 81.1     | 67.2 - 99.0      | (500.0)        |              |
| Thallium (mg/L)                            | 1 | <0.0002  | <0.0002     | 3       | <0.0002  | <0.0002          |                |              |
| Total Hardness (mg/L CaCO <sub>3</sub> )   | 1 | 179.0    | 179.0       | 3       | 185.0    | 179.0 - 197.0    |                |              |
| Vanadium (mg/L)                            | 1 | <0.0005  | <0.0005     | 3       | <0.0005  | <0.0005          |                |              |
| Zinc (mg/L)                                | 1 | <0.005   | <0.005      | 3       | <0.005   | <0.005           | (5.000)        |              |

## 2.2.16 Papaschase Reservoir 1

June 2026



| Parameter (Units)                        | # | Mean | Range     | # (YTD) | YTD Mean | YTD Range  | MAC (AO or OG) | EPCOR Target |
|------------------------------------------|---|------|-----------|---------|----------|------------|----------------|--------------|
| <b>Secondary Organics</b>                |   |      |           |         |          |            |                |              |
| Bromodichloromethane (µg/L)              | 1 | 1.5  | 1.5       | 3       | 1.5      | 1.2 - 1.7  |                |              |
| Bromoform (µg/L)                         | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Chlorobenzene (µg/L)                     | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Chloroform (µg/L)                        | 1 | 23.5 | 23.5      | 3       | 17.5     | 8.4 - 23.5 |                |              |
| Dibromochloromethane (µg/L)              | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichlorobenzene (1,2) (µg/L)             | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichlorobenzene (1,3) (µg/L)             | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichloroethylene (1,1) (µg/L)            | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       | 14.0           |              |
| Dichloroethylene cis (1,2) (µg/L)        | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichloroethylene trans (1,2) (µg/L)      | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichloropropane (1,2) (µg/L)             | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Methyl Isobutyl Ketone (MIBK) (µg/L)     | 1 | <1.0 | <1.0      | 3       | <1.0     | <1.0       |                |              |
| Methyl t-Butyl Ether (MTBE) (µg/L)       | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       | (15.0)         |              |
| Styrene (µg/L)                           | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Tetrachloroethane (1,1,2,2) (µg/L)       | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Total Organic Carbon (mg/L)              | 4 | 2.3  | 2.0 - 2.6 | 6       | 2.0      | 1.2 - 2.6  |                |              |
| Total Volatile Organics (Non THM) (µg/L) | 1 | 1.3  | 1.3       | 3       | 1.1      | <1.0 - 1.3 |                |              |
| Trichlorobenzene (1,2,4) (µg/L)          | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Trichloroethane (1,1,1) (µg/L)           | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Xylene (1,2) (µg/L)                      | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Xylene (1,4) (µg/L)                      | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Xylenes total (µg/L)                     | 1 | <1.0 | <1.0      | 3       | <1.0     | <1.0       | 90.0 (20.0)    |              |

## 2.2.17 Papaschase Reservoir 2

June 2026



| Parameter (Units)                           | # | Mean | Range       | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|---------------------------------------------|---|------|-------------|---------|----------|------------------|----------------|--------------|
| <b>Physical</b>                             |   |      |             |         |          |                  |                |              |
| Colour (TCU)                                |   |      |             | 3       | 1.1      | 0.7 - 1.3        | (15.0)         | 10.0         |
| Conductivity (µS/cm)                        |   |      |             | 3       | 406.3    | 392.0 - 420.0    |                |              |
| pH                                          |   |      |             | 3       | 8        | 8                |                | 7 - 8        |
| Turbidity (NTU)                             | 5 | 0.08 | 0.07 - 0.10 | 26      | 0.09     | 0.05 - 0.17      | (3.00)         | 1.00         |
| <b>Primary Inorganics</b>                   |   |      |             |         |          |                  |                |              |
| Antimony (mg/L)                             |   |      |             | 3       | <0.0005  | <0.0005          | 0.0060         |              |
| Arsenic (mg/L)                              |   |      |             | 3       | 0.0002   | <0.0002 - 0.0002 | 0.0100         |              |
| Barium (mg/L)                               |   |      |             | 3       | 0.066    | 0.065 - 0.068    | 2.000          |              |
| Boron (mg/L)                                |   |      |             | 3       | 0.010    | 0.009 - 0.010    | 5.000          |              |
| Bromate Dissolved (mg/L)                    |   |      |             | 3       | <0.005   | <0.005           | 0.010          |              |
| Cadmium (mg/L)                              |   |      |             | 3       | <0.00002 | <0.00002         | 0.00700        |              |
| Chlorate Dissolved (mg/L)                   |   |      |             | 3       | 0.23     | 0.16 - 0.29      | 1.00           |              |
| Chlorine total (mg/L)                       | 5 | 1.67 | 1.45 - 1.86 | 26      | 1.86     | 1.45 - 1.97      |                | 1.00 - 2.40  |
| Chlorite Dissolved (mg/L)                   |   |      |             | 3       | <0.005   | <0.005           | 1.000          |              |
| Chromium (mg/L)                             |   |      |             | 3       | <0.0002  | <0.0002          | 0.0500         |              |
| Fluoride (mg/L)                             |   |      |             | 3       | 0.74     | 0.72 - 0.76      | 1.50           | 0.60 - 0.80  |
| Lead (mg/L)                                 |   |      |             | 3       | <0.0002  | <0.0002          | 0.0050         |              |
| Manganese (mg/L)                            |   |      |             | 3       | <0.002   | <0.002           | 0.120 (0.020)  |              |
| Mercury (µg/L)                              |   |      |             | 3       | <0.0050  | <0.0050          | 1.0000         |              |
| Nitrate (as N) dissolved (mg/L)             | 3 | 0.09 | 0.08 - 0.11 | 6       | 0.08     | 0.02 - 0.11      | 10.00          |              |
| Nitrite (as N) dissolved (mg/L)             | 3 | 0.02 | 0.01 - 0.02 | 6       | 0.02     | 0.01 - 0.02      | 1.00           |              |
| Selenium (mg/L)                             |   |      |             | 3       | 0.0003   | 0.0002 - 0.0003  | 0.0500         |              |
| Uranium (mg/L)                              |   |      |             | 3       | 0.0006   | <0.0005 - 0.0006 | 0.0200         |              |
| <b>Primary Organics</b>                     |   |      |             |         |          |                  |                |              |
| Benzene (µg/L)                              |   |      |             | 3       | <0.5     | <0.5             | 5.0            |              |
| Carbon Tetrachloride (µg/L)                 |   |      |             | 3       | <0.5     | <0.5             | 2.0            |              |
| Dichlorobenzene (1,4) (µg/L)                |   |      |             | 3       | <0.5     | <0.5             | 5.0 (1.0)      |              |
| Dichloroethane (1,2) (µg/L)                 |   |      |             | 3       | <0.5     | <0.5             | 5.0            |              |
| Ethylbenzene (µg/L)                         |   |      |             | 3       | <0.5     | <0.5             | 140.0 (1.6)    |              |
| Methylene Chloride (Dichloromethane) (µg/L) |   |      |             | 3       | <0.5     | <0.5             | 50.0           |              |
| Tetrachloroethylene (µg/L)                  |   |      |             | 3       | <0.5     | <0.5             | 10.0           |              |
| Toluene (µg/L)                              |   |      |             | 3       | <0.5     | <0.5             | 60.0 (24.0)    |              |
| Trichloroethylene (µg/L)                    |   |      |             | 3       | <0.5     | <0.5             | 5.0            |              |
| Trihalomethanes (µg/L)                      |   |      |             | 3       | 19.6     | 16.4 - 22.8      | 100.0          | 50.0         |
| Vinyl Chloride (µg/L)                       |   |      |             | 3       | <1.0     | <1.0             | 2.0            |              |

## 2.2.17 Papaschase Reservoir 2

June 2026



| Parameter (Units)                          | # | Mean | Range       | # (YTD) | YTD Mean | YTD Range       | MAC (AO or OG) | EPCOR Target |
|--------------------------------------------|---|------|-------------|---------|----------|-----------------|----------------|--------------|
| <b>Secondary Inorganics</b>                |   |      |             |         |          |                 |                |              |
| Alkalinity total (mg CaCO <sub>3</sub> /L) |   |      |             | 3       | 124.7    | 115.0 - 130.0   |                |              |
| Aluminum (mg/L)                            |   |      |             | 3       | 0.069    | 0.063 - 0.076   | 2.900 (0.100)  |              |
| Ammonia as NH <sub>3</sub> (mg/L)          | 2 | 0.14 | 0.13 - 0.14 | 5       | 0.11     | 0.08 - 0.14     |                |              |
| Beryllium (mg/L)                           |   |      |             | 3       | <0.0002  | <0.0002         |                |              |
| Bromide Dissolved (mg/L)                   |   |      |             | 3       | <0.03    | <0.03           |                |              |
| Calcium (mg/L)                             |   |      |             | 3       | 51.8     | 48.7 - 54.6     |                |              |
| Calcium Hardness (mg/L CaCO <sub>3</sub> ) |   |      |             | 3       | 129.3    | 122.0 - 136.0   |                |              |
| Chloride Dissolved (mg/L)                  |   |      |             | 3       | 6.9      | 5.5 - 8.6       | (250.0)        |              |
| Cobalt (mg/L)                              |   |      |             | 3       | <0.0002  | <0.0002         |                |              |
| Copper (mg/L)                              |   |      |             | 3       | <0.002   | <0.002          | 2.000 (1.000)  |              |
| Iron (mg/L)                                |   |      |             | 3       | <0.005   | <0.005          | (0.100)        |              |
| Lithium (mg/L)                             |   |      |             | 3       | 0.0035   | 0.0034 - 0.0036 |                |              |
| Magnesium (mg/L)                           |   |      |             | 3       | 15.6     | 14.5 - 16.4     |                |              |
| Molybdenum (mg/L)                          |   |      |             | 3       | 0.0007   | 0.0007 - 0.0008 |                |              |
| Nickel (mg/L)                              |   |      |             | 3       | <0.0005  | <0.0005         |                |              |
| Phosphate Ortho (as P) (mg/L as P)         | 5 | 0.91 | 0.90 - 0.94 | 26      | 0.90     | 0.80 - 0.94     |                |              |
| Phosphorus (mg/L)                          |   |      |             | 3       | 0.96     | 0.95 - 0.97     |                |              |
| Potassium (mg/L)                           |   |      |             | 3       | 0.8      | 0.8 - 0.9       |                |              |
| Silicon (mg/L)                             |   |      |             | 3       | 2.36     | 1.92 - 2.58     |                |              |
| Silver (mg/L)                              |   |      |             | 3       | <0.00002 | <0.00002        |                |              |
| Sodium (mg/L)                              |   |      |             | 3       | 10.0     | 7.4 - 12.7      | (200.0)        |              |
| Strontium (mg/L)                           |   |      |             | 3       | 0.468    | 0.446 - 0.482   | 7.000          |              |
| Sulphate Dissolved (mg/L)                  |   |      |             | 3       | 70.7     | 67.3 - 73.1     | (500.0)        |              |
| Thallium (mg/L)                            |   |      |             | 3       | <0.0002  | <0.0002         |                |              |
| Total Hardness (mg/L CaCO <sub>3</sub> )   |   |      |             | 3       | 193.3    | 181.0 - 204.0   |                |              |
| Vanadium (mg/L)                            |   |      |             | 3       | <0.0005  | <0.0005         |                |              |
| Zinc (mg/L)                                |   |      |             | 3       | <0.005   | <0.005          | (5.000)        |              |

## 2.2.17 Papaschase Reservoir 2

June 2026



| Parameter (Units)                        | # | Mean | Range     | # (YTD) | YTD Mean | YTD Range   | MAC (AO or OG) | EPCOR Target |
|------------------------------------------|---|------|-----------|---------|----------|-------------|----------------|--------------|
| <b>Secondary Organics</b>                |   |      |           |         |          |             |                |              |
| Bromodichloromethane (µg/L)              |   |      |           | 3       | 1.3      | 1.0 - 1.7   |                |              |
| Bromoform (µg/L)                         |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Chlorobenzene (µg/L)                     |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Chloroform (µg/L)                        |   |      |           | 3       | 18.0     | 14.9 - 20.6 |                |              |
| Dibromochloromethane (µg/L)              |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichlorobenzene (1,2) (µg/L)             |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichlorobenzene (1,3) (µg/L)             |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichloroethylene (1,1) (µg/L)            |   |      |           | 3       | <0.5     | <0.5        | 14.0           |              |
| Dichloroethylene cis (1,2) (µg/L)        |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichloroethylene trans (1,2) (µg/L)      |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichloropropane (1,2) (µg/L)             |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Methyl Isobutyl Ketone (MIBK) (µg/L)     |   |      |           | 3       | <1.0     | <1.0        |                |              |
| Methyl t-Butyl Ether (MTBE) (µg/L)       |   |      |           | 3       | <0.5     | <0.5        | (15.0)         |              |
| Styrene (µg/L)                           |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Tetrachloroethane (1,1,2,2) (µg/L)       |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Total Organic Carbon (mg/L)              | 3 | 2.2  | 2.0 - 2.4 | 6       | 1.9      | 1.5 - 2.4   |                |              |
| Total Volatile Organics (Non THM) (µg/L) |   |      |           | 3       | 1.8      | <1.0 - 3.5  |                |              |
| Trichlorobenzene (1,2,4) (µg/L)          |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Trichloroethane (1,1,1) (µg/L)           |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Xylene (1,2) (µg/L)                      |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Xylene (1,4) (µg/L)                      |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Xylenes total (µg/L)                     |   |      |           | 3       | <1.0     | <1.0        | 90.0 (20.0)    |              |

## 2.2.18 Rosslyn Reservoir 1

June 2026



| Parameter (Units)                           | # | Mean     | Range       | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|---------------------------------------------|---|----------|-------------|---------|----------|------------------|----------------|--------------|
| <b>Physical</b>                             |   |          |             |         |          |                  |                |              |
| Colour (TCU)                                | 1 | <0.5     | <0.5        | 3       | 0.6      | <0.5 - 0.8       | (15.0)         | 10.0         |
| Conductivity (µS/cm)                        | 1 | 423.0    | 423.0       | 3       | 410.0    | 401.0 - 423.0    |                |              |
| pH                                          | 1 | 8        | 8           | 3       | 8        | 8                |                | 7 - 8        |
| Turbidity (NTU)                             | 4 | 0.25     | 0.09 - 0.63 | 25      | 0.13     | 0.06 - 0.63      | (3.00)         | 1.00         |
| <b>Primary Inorganics</b>                   |   |          |             |         |          |                  |                |              |
| Antimony (mg/L)                             | 1 | <0.0005  | <0.0005     | 3       | <0.0005  | <0.0005          | 0.0060         |              |
| Arsenic (mg/L)                              | 1 | 0.0002   | 0.0002      | 3       | 0.0002   | <0.0002 - 0.0002 | 0.0100         |              |
| Barium (mg/L)                               | 1 | 0.070    | 0.070       | 3       | 0.064    | 0.057 - 0.070    | 2.000          |              |
| Boron (mg/L)                                | 1 | 0.013    | 0.013       | 3       | 0.014    | 0.010 - 0.019    | 5.000          |              |
| Bromate Dissolved (mg/L)                    | 1 | <0.005   | <0.005      | 3       | <0.005   | <0.005           | 0.010          |              |
| Cadmium (mg/L)                              | 1 | <0.00002 | <0.00002    | 3       | <0.00002 | <0.00002         | 0.00700        |              |
| Chlorate Dissolved (mg/L)                   | 1 | 0.22     | 0.22        | 3       | 0.20     | 0.18 - 0.22      | 1.00           |              |
| Chlorine total (mg/L)                       | 4 | 1.50     | 1.34 - 1.63 | 25      | 1.77     | 1.34 - 1.89      |                | 1.00 - 2.40  |
| Chlorite Dissolved (mg/L)                   | 1 | <0.005   | <0.005      | 3       | <0.005   | <0.005           | 1.000          |              |
| Chromium (mg/L)                             | 1 | <0.0002  | <0.0002     | 3       | <0.0002  | <0.0002          | 0.0500         |              |
| Fluoride (mg/L)                             | 1 | 0.72     | 0.72        | 3       | 0.69     | 0.67 - 0.72      | 1.50           | 0.60 - 0.80  |
| Lead (mg/L)                                 | 1 | <0.0002  | <0.0002     | 3       | <0.0002  | <0.0002          | 0.0050         |              |
| Manganese (mg/L)                            | 1 | <0.002   | <0.002      | 3       | <0.002   | <0.002           | 0.120 (0.020)  |              |
| Mercury (µg/L)                              | 1 | <0.0050  | <0.0050     | 3       | <0.0050  | <0.0050          | 1.000          |              |
| Nitrate (as N) dissolved (mg/L)             | 3 | 0.10     | 0.09 - 0.11 | 5       | 0.10     | 0.09 - 0.11      | 10.00          |              |
| Nitrite (as N) dissolved (mg/L)             | 3 | 0.01     | 0.01 - 0.02 | 5       | 0.02     | 0.01 - 0.02      | 1.00           |              |
| Selenium (mg/L)                             | 1 | 0.0003   | 0.0003      | 3       | 0.0003   | 0.0002 - 0.0003  | 0.0500         |              |
| Uranium (mg/L)                              | 1 | <0.0005  | <0.0005     | 3       | 0.0005   | <0.0005 - 0.0006 | 0.0200         |              |
| <b>Primary Organics</b>                     |   |          |             |         |          |                  |                |              |
| Benzene (µg/L)                              | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 5.0            |              |
| Carbon Tetrachloride (µg/L)                 | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 2.0            |              |
| Dichlorobenzene (1,4) (µg/L)                | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 5.0 (1.0)      |              |
| Dichloroethane (1,2) (µg/L)                 | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 5.0            |              |
| Ethylbenzene (µg/L)                         | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 140.0 (1.6)    |              |
| Methylene Chloride (Dichloromethane) (µg/L) | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 50.0           |              |
| Tetrachloroethylene (µg/L)                  | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 10.0           |              |
| Toluene (µg/L)                              | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 60.0 (24.0)    |              |
| Trichloroethylene (µg/L)                    | 1 | <0.5     | <0.5        | 3       | <0.5     | <0.5             | 5.0            |              |
| Trihalomethanes (µg/L)                      | 1 | 26.4     | 26.4        | 3       | 19.2     | 11.3 - 26.4      | 100.0          | 50.0         |
| Vinyl Chloride (µg/L)                       | 1 | <1.0     | <1.0        | 3       | <1.0     | <1.0             | 2.0            |              |

## 2.2.18 Rosslyn Reservoir 1

June 2026



| Parameter (Units)                          | # | Mean     | Range       | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|--------------------------------------------|---|----------|-------------|---------|----------|------------------|----------------|--------------|
| <b>Secondary Inorganics</b>                |   |          |             |         |          |                  |                |              |
| Alkalinity total (mg CaCO <sub>3</sub> /L) | 1 | 109.0    | 109.0       | 3       | 117.3    | 109.0 - 129.0    |                |              |
| Aluminum (mg/L)                            | 1 | 0.034    | 0.034       | 3       | 0.045    | 0.028 - 0.072    | 2.900 (0.100)  |              |
| Ammonia as NH <sub>3</sub> (mg/L)          | 3 | 0.17     | 0.16 - 0.18 | 5       | 0.14     | 0.08 - 0.18      |                |              |
| Beryllium (mg/L)                           | 1 | <0.0002  | <0.0002     | 3       | <0.0002  | <0.0002          |                |              |
| Bromide Dissolved (mg/L)                   | 1 | <0.03    | <0.03       | 3       | <0.03    | <0.03            |                |              |
| Calcium (mg/L)                             | 1 | 49.8     | 49.8        | 3       | 50.3     | 47.5 - 53.5      |                |              |
| Calcium Hardness (mg/L CaCO <sub>3</sub> ) | 1 | 124.0    | 124.0       | 3       | 125.7    | 119.0 - 134.0    |                |              |
| Chloride Dissolved (mg/L)                  | 1 | 8.7      | 8.7         | 3       | 8.1      | 7.1 - 8.7        | (250.0)        |              |
| Cobalt (mg/L)                              | 1 | <0.0002  | <0.0002     | 3       | <0.0002  | <0.0002          |                |              |
| Copper (mg/L)                              | 1 | <0.002   | <0.002      | 3       | <0.002   | <0.002           | 2.000 (1.000)  |              |
| Iron (mg/L)                                | 1 | 0.009    | 0.009       | 3       | 0.007    | <0.005 - 0.009   | (0.100)        |              |
| Lithium (mg/L)                             | 1 | 0.0032   | 0.0032      | 3       | 0.0035   | 0.0032 - 0.0037  |                |              |
| Magnesium (mg/L)                           | 1 | 14.0     | 14.0        | 3       | 14.8     | 14.0 - 15.9      |                |              |
| Molybdenum (mg/L)                          | 1 | 0.0007   | 0.0007      | 3       | 0.0008   | 0.0007 - 0.0009  |                |              |
| Nickel (mg/L)                              | 1 | 0.0006   | 0.0006      | 3       | 0.0005   | <0.0005 - 0.0006 |                |              |
| Phosphate Ortho (as P) (mg/L as P)         | 4 | 0.92     | 0.88 - 0.94 | 25      | 0.91     | 0.86 - 0.98      |                |              |
| Phosphorus (mg/L)                          | 1 | 1.00     | 1.00        | 3       | 0.98     | 0.97 - 1.00      |                |              |
| Potassium (mg/L)                           | 1 | 1.1      | 1.1         | 3       | 1.1      | 0.8 - 1.4        |                |              |
| Silicon (mg/L)                             | 1 | 2.47     | 2.47        | 3       | 2.44     | 2.14 - 2.71      |                |              |
| Silver (mg/L)                              | 1 | <0.00002 | <0.00002    | 3       | <0.00002 | <0.00002         |                |              |
| Sodium (mg/L)                              | 1 | 20.1     | 20.1        | 3       | 14.4     | 8.4 - 20.1       | (200.0)        |              |
| Strontium (mg/L)                           | 1 | 0.429    | 0.429       | 3       | 0.445    | 0.429 - 0.459    | 7.000          |              |
| Sulphate Dissolved (mg/L)                  | 1 | 93.3     | 93.3        | 3       | 79.6     | 67.7 - 93.3      | (500.0)        |              |
| Thallium (mg/L)                            | 1 | <0.0002  | <0.0002     | 3       | <0.0002  | <0.0002          |                |              |
| Total Hardness (mg/L CaCO <sub>3</sub> )   | 1 | 182.0    | 182.0       | 3       | 186.3    | 178.0 - 199.0    |                |              |
| Vanadium (mg/L)                            | 1 | <0.0005  | <0.0005     | 3       | <0.0005  | <0.0005          |                |              |
| Zinc (mg/L)                                | 1 | <0.005   | <0.005      | 3       | <0.005   | <0.005           | (5.000)        |              |

## 2.2.18 Rosslyn Reservoir 1

June 2026



| Parameter (Units)                        | # | Mean | Range     | # (YTD) | YTD Mean | YTD Range  | MAC (AO or OG) | EPCOR Target |
|------------------------------------------|---|------|-----------|---------|----------|------------|----------------|--------------|
| <b>Secondary Organics</b>                |   |      |           |         |          |            |                |              |
| Bromodichloromethane (µg/L)              | 1 | 1.6  | 1.6       | 3       | 1.4      | 1.0 - 1.6  |                |              |
| Bromoform (µg/L)                         | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Chlorobenzene (µg/L)                     | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Chloroform (µg/L)                        | 1 | 24.6 | 24.6      | 3       | 17.6     | 9.5 - 24.6 |                |              |
| Dibromochloromethane (µg/L)              | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichlorobenzene (1,2) (µg/L)             | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichlorobenzene (1,3) (µg/L)             | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichloroethylene (1,1) (µg/L)            | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       | 14.0           |              |
| Dichloroethylene cis (1,2) (µg/L)        | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichloroethylene trans (1,2) (µg/L)      | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Dichloropropane (1,2) (µg/L)             | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Methyl Isobutyl Ketone (MIBK) (µg/L)     | 1 | <1.0 | <1.0      | 3       | <1.0     | <1.0       |                |              |
| Methyl t-Butyl Ether (MTBE) (µg/L)       | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       | (15.0)         |              |
| Styrene (µg/L)                           | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Tetrachloroethane (1,1,2,2) (µg/L)       | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Total Organic Carbon (mg/L)              | 3 | 2.2  | 2.1 - 2.2 | 5       | 1.8      | 1.1 - 2.2  |                |              |
| Total Volatile Organics (Non THM) (µg/L) | 1 | 1.5  | 1.5       | 3       | 1.3      | <1.0 - 1.5 |                |              |
| Trichlorobenzene (1,2,4) (µg/L)          | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Trichloroethane (1,1,1) (µg/L)           | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Xylene (1,2) (µg/L)                      | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Xylene (1,4) (µg/L)                      | 1 | <0.5 | <0.5      | 3       | <0.5     | <0.5       |                |              |
| Xylenes total (µg/L)                     | 1 | <1.0 | <1.0      | 3       | <1.0     | <1.0       | 90.0 (20.0)    |              |

## 2.2.19 Rosslyn Reservoir 2

June 2026



| Parameter (Units)                           | # | Mean | Range       | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|---------------------------------------------|---|------|-------------|---------|----------|------------------|----------------|--------------|
| <b>Physical</b>                             |   |      |             |         |          |                  |                |              |
| Colour (TCU)                                |   |      |             | 3       | 0.6      | <0.5 - 0.9       | (15.0)         | 10.0         |
| Conductivity (µS/cm)                        |   |      |             | 3       | 397.0    | 382.0 - 416.0    |                |              |
| pH                                          |   |      |             | 3       | 8        | 8                |                | 7 - 8        |
| Turbidity (NTU)                             | 5 | 0.14 | 0.07 - 0.27 | 26      | 0.11     | 0.06 - 0.27      | (3.00)         | 1.00         |
| <b>Primary Inorganics</b>                   |   |      |             |         |          |                  |                |              |
| Antimony (mg/L)                             |   |      |             | 3       | <0.0005  | <0.0005          | 0.0060         |              |
| Arsenic (mg/L)                              |   |      |             | 3       | 0.0002   | <0.0002 - 0.0002 | 0.0100         |              |
| Barium (mg/L)                               |   |      |             | 3       | 0.065    | 0.063 - 0.067    | 2.000          |              |
| Boron (mg/L)                                |   |      |             | 3       | 0.010    | 0.009 - 0.010    | 5.000          |              |
| Bromate Dissolved (mg/L)                    |   |      |             | 3       | <0.005   | <0.005           | 0.010          |              |
| Cadmium (mg/L)                              |   |      |             | 3       | <0.00002 | <0.00002         | 0.00700        |              |
| Chlorate Dissolved (mg/L)                   |   |      |             | 3       | 0.23     | 0.20 - 0.28      | 1.00           |              |
| Chlorine total (mg/L)                       | 5 | 1.54 | 1.26 - 2.06 | 26      | 1.67     | 1.26 - 2.06      |                | 1.00 - 2.40  |
| Chlorite Dissolved (mg/L)                   |   |      |             | 3       | <0.005   | <0.005           | 1.000          |              |
| Chromium (mg/L)                             |   |      |             | 3       | <0.0002  | <0.0002          | 0.0500         |              |
| Fluoride (mg/L)                             |   |      |             | 3       | 0.71     | 0.68 - 0.76      | 1.50           | 0.60 - 0.80  |
| Lead (mg/L)                                 |   |      |             | 3       | <0.0002  | <0.0002          | 0.0050         |              |
| Manganese (mg/L)                            |   |      |             | 3       | <0.002   | <0.002           | 0.120 (0.020)  |              |
| Mercury (µg/L)                              |   |      |             | 3       | <0.0050  | <0.0050          | 1.0000         |              |
| Nitrate (as N) dissolved (mg/L)             | 3 | 0.10 | 0.08 - 0.12 | 6       | 0.09     | 0.02 - 0.12      | 10.00          |              |
| Nitrite (as N) dissolved (mg/L)             | 3 | 0.01 | 0.01 - 0.02 | 6       | 0.01     | 0.01 - 0.02      | 1.00           |              |
| Selenium (mg/L)                             |   |      |             | 3       | 0.0003   | 0.0002 - 0.0003  | 0.0500         |              |
| Uranium (mg/L)                              |   |      |             | 3       | 0.0006   | <0.0005 - 0.0006 | 0.0200         |              |
| <b>Primary Organics</b>                     |   |      |             |         |          |                  |                |              |
| Benzene (µg/L)                              |   |      |             | 3       | <0.5     | <0.5             | 5.0            |              |
| Carbon Tetrachloride (µg/L)                 |   |      |             | 3       | <0.5     | <0.5             | 2.0            |              |
| Dichlorobenzene (1,4) (µg/L)                |   |      |             | 3       | <0.5     | <0.5             | 5.0 (1.0)      |              |
| Dichloroethane (1,2) (µg/L)                 |   |      |             | 3       | <0.5     | <0.5             | 5.0            |              |
| Ethylbenzene (µg/L)                         |   |      |             | 3       | <0.5     | <0.5             | 140.0 (1.6)    |              |
| Methylene Chloride (Dichloromethane) (µg/L) |   |      |             | 3       | <0.5     | <0.5             | 50.0           |              |
| Tetrachloroethylene (µg/L)                  |   |      |             | 3       | <0.5     | <0.5             | 10.0           |              |
| Toluene (µg/L)                              |   |      |             | 3       | <0.5     | <0.5             | 60.0 (24.0)    |              |
| Trichloroethylene (µg/L)                    |   |      |             | 3       | <0.5     | <0.5             | 5.0            |              |
| Trihalomethanes (µg/L)                      |   |      |             | 3       | 20.4     | 18.8 - 22.3      | 100.0          | 50.0         |
| Vinyl Chloride (µg/L)                       |   |      |             | 3       | <1.0     | <1.0             | 2.0            |              |

## 2.2.19 Rosslyn Reservoir 2

June 2026



| Parameter (Units)                          | # | Mean | Range       | # (YTD) | YTD Mean | YTD Range       | MAC (AO or OG) | EPCOR Target |
|--------------------------------------------|---|------|-------------|---------|----------|-----------------|----------------|--------------|
| <b>Secondary Inorganics</b>                |   |      |             |         |          |                 |                |              |
| Alkalinity total (mg CaCO <sub>3</sub> /L) |   |      |             | 3       | 121.3    | 110.0 - 127.0   |                |              |
| Aluminum (mg/L)                            |   |      |             | 3       | 0.072    | 0.070 - 0.073   | 2.900 (0.100)  |              |
| Ammonia as NH <sub>3</sub> (mg/L)          | 3 | 0.13 | 0.09 - 0.16 | 6       | 0.13     | 0.09 - 0.18     |                |              |
| Beryllium (mg/L)                           |   |      |             | 3       | <0.0002  | <0.0002         |                |              |
| Bromide Dissolved (mg/L)                   |   |      |             | 3       | <0.03    | <0.03           |                |              |
| Calcium (mg/L)                             |   |      |             | 3       | 51.3     | 47.1 - 54.6     |                |              |
| Calcium Hardness (mg/L CaCO <sub>3</sub> ) |   |      |             | 3       | 128.0    | 118.0 - 136.0   |                |              |
| Chloride Dissolved (mg/L)                  |   |      |             | 3       | 6.4      | 5.5 - 6.9       | (250.0)        |              |
| Cobalt (mg/L)                              |   |      |             | 3       | <0.0002  | <0.0002         |                |              |
| Copper (mg/L)                              |   |      |             | 3       | <0.002   | <0.002          | 2.000 (1.000)  |              |
| Iron (mg/L)                                |   |      |             | 3       | 0.006    | <0.005 - 0.007  | (0.100)        |              |
| Lithium (mg/L)                             |   |      |             | 3       | 0.0035   | 0.0033 - 0.0037 |                |              |
| Magnesium (mg/L)                           |   |      |             | 3       | 15.3     | 14.1 - 16.0     |                |              |
| Molybdenum (mg/L)                          |   |      |             | 3       | 0.0007   | 0.0007 - 0.0008 |                |              |
| Nickel (mg/L)                              |   |      |             | 3       | <0.0005  | <0.0005         |                |              |
| Phosphate Ortho (as P) (mg/L as P)         | 5 | 0.93 | 0.90 - 0.96 | 26      | 0.91     | 0.86 - 0.96     |                |              |
| Phosphorus (mg/L)                          |   |      |             | 3       | 0.97     | 0.95 - 0.99     |                |              |
| Potassium (mg/L)                           |   |      |             | 3       | 0.9      | 0.8 - 1.0       |                |              |
| Silicon (mg/L)                             |   |      |             | 3       | 2.32     | 1.86 - 2.58     |                |              |
| Silver (mg/L)                              |   |      |             | 3       | <0.00002 | <0.00002        |                |              |
| Sodium (mg/L)                              |   |      |             | 3       | 9.3      | 7.2 - 12.5      | (200.0)        |              |
| Strontium (mg/L)                           |   |      |             | 3       | 0.471    | 0.445 - 0.495   | 7.000          |              |
| Sulphate Dissolved (mg/L)                  |   |      |             | 3       | 69.7     | 66.3 - 72.8     | (500.0)        |              |
| Thallium (mg/L)                            |   |      |             | 3       | <0.0002  | <0.0002         |                |              |
| Total Hardness (mg/L CaCO <sub>3</sub> )   |   |      |             | 3       | 191.3    | 176.0 - 202.0   |                |              |
| Vanadium (mg/L)                            |   |      |             | 3       | <0.0005  | <0.0005         |                |              |
| Zinc (mg/L)                                |   |      |             | 3       | <0.005   | <0.005          | (5.000)        |              |

## 2.2.19 Rosslyn Reservoir 2

June 2026



| Parameter (Units)                        | # | Mean | Range     | # (YTD) | YTD Mean | YTD Range   | MAC (AO or OG) | EPCOR Target |
|------------------------------------------|---|------|-----------|---------|----------|-------------|----------------|--------------|
| <b>Secondary Organics</b>                |   |      |           |         |          |             |                |              |
| Bromodichloromethane (µg/L)              |   |      |           | 3       | 1.3      | 1.0 - 1.9   |                |              |
| Bromoform (µg/L)                         |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Chlorobenzene (µg/L)                     |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Chloroform (µg/L)                        |   |      |           | 3       | 18.9     | 17.4 - 20.3 |                |              |
| Dibromochloromethane (µg/L)              |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichlorobenzene (1,2) (µg/L)             |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichlorobenzene (1,3) (µg/L)             |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichloroethylene (1,1) (µg/L)            |   |      |           | 3       | <0.5     | <0.5        | 14.0           |              |
| Dichloroethylene cis (1,2) (µg/L)        |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichloroethylene trans (1,2) (µg/L)      |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichloropropane (1,2) (µg/L)             |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Methyl Isobutyl Ketone (MIBK) (µg/L)     |   |      |           | 3       | <1.0     | <1.0        |                |              |
| Methyl t-Butyl Ether (MTBE) (µg/L)       |   |      |           | 3       | <0.5     | <0.5        | (15.0)         |              |
| Styrene (µg/L)                           |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Tetrachloroethane (1,1,2,2) (µg/L)       |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Total Organic Carbon (mg/L)              | 3 | 2.2  | 2.1 - 2.4 | 6       | 1.8      | 1.3 - 2.4   |                |              |
| Total Volatile Organics (Non THM) (µg/L) |   |      |           | 3       | 1.8      | <1.0 - 3.2  |                |              |
| Trichlorobenzene (1,2,4) (µg/L)          |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Trichloroethane (1,1,1) (µg/L)           |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Xylene (1,2) (µg/L)                      |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Xylene (1,4) (µg/L)                      |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Xylenes total (µg/L)                     |   |      |           | 3       | <1.0     | <1.0        | 90.0 (20.0)    |              |

## 2.2.20 Thorncliff Reservoir

June 2026



| Parameter (Units)                           | # | Mean | Range       | # (YTD) | YTD Mean | YTD Range        | MAC (AO or OG) | EPCOR Target |
|---------------------------------------------|---|------|-------------|---------|----------|------------------|----------------|--------------|
| <b>Physical</b>                             |   |      |             |         |          |                  |                |              |
| Colour (TCU)                                |   |      |             | 3       | 0.8      | <0.5 - 1.2       | (15.0)         | 10.0         |
| Conductivity (µS/cm)                        |   |      |             | 3       | 404.3    | 401.0 - 407.0    |                |              |
| pH                                          |   |      |             | 3       | 8        | 8                |                | 7 - 8        |
| Turbidity (NTU)                             | 5 | 0.06 | 0.05 - 0.09 | 26      | 0.09     | 0.05 - 0.30      | (3.00)         | 1.00         |
| <b>Primary Inorganics</b>                   |   |      |             |         |          |                  |                |              |
| Antimony (mg/L)                             |   |      |             | 3       | <0.0005  | <0.0005          | 0.0060         |              |
| Arsenic (mg/L)                              |   |      |             | 3       | 0.0002   | 0.0002           | 0.0100         |              |
| Barium (mg/L)                               |   |      |             | 3       | 0.065    | 0.062 - 0.068    | 2.000          |              |
| Boron (mg/L)                                |   |      |             | 3       | 0.010    | 0.009 - 0.010    | 5.000          |              |
| Bromate Dissolved (mg/L)                    |   |      |             | 3       | <0.005   | <0.005           | 0.010          |              |
| Cadmium (mg/L)                              |   |      |             | 3       | <0.00002 | <0.00002         | 0.00700        |              |
| Chlorate Dissolved (mg/L)                   |   |      |             | 3       | 0.12     | 0.11 - 0.14      | 1.00           |              |
| Chlorine total (mg/L)                       | 5 | 1.58 | 1.50 - 1.66 | 26      | 1.76     | 1.50 - 1.90      |                | 1.00 - 2.40  |
| Chlorite Dissolved (mg/L)                   |   |      |             | 3       | <0.005   | <0.005           | 1.000          |              |
| Chromium (mg/L)                             |   |      |             | 3       | <0.0002  | <0.0002          | 0.0500         |              |
| Fluoride (mg/L)                             |   |      |             | 3       | 0.71     | 0.70 - 0.73      | 1.50           | 0.60 - 0.80  |
| Lead (mg/L)                                 |   |      |             | 3       | <0.0002  | <0.0002          | 0.0050         |              |
| Manganese (mg/L)                            |   |      |             | 3       | <0.002   | <0.002           | 0.120 (0.020)  |              |
| Mercury (µg/L)                              |   |      |             | 3       | <0.0050  | <0.0050          | 1.0000         |              |
| Nitrate (as N) dissolved (mg/L)             | 3 | 0.09 | 0.09 - 0.10 | 6       | 0.08     | 0.03 - 0.10      | 10.00          |              |
| Nitrite (as N) dissolved (mg/L)             | 3 | 0.02 | 0.01 - 0.02 | 6       | 0.02     | 0.01 - 0.02      | 1.00           |              |
| Selenium (mg/L)                             |   |      |             | 3       | 0.0003   | 0.0002 - 0.0003  | 0.0500         |              |
| Uranium (mg/L)                              |   |      |             | 3       | 0.0006   | <0.0005 - 0.0006 | 0.0200         |              |
| <b>Primary Organics</b>                     |   |      |             |         |          |                  |                |              |
| Benzene (µg/L)                              |   |      |             | 3       | <0.5     | <0.5             | 5.0            |              |
| Carbon Tetrachloride (µg/L)                 |   |      |             | 3       | <0.5     | <0.5             | 2.0            |              |
| Dichlorobenzene (1,4) (µg/L)                |   |      |             | 3       | <0.5     | <0.5             | 5.0 (1.0)      |              |
| Dichloroethane (1,2) (µg/L)                 |   |      |             | 3       | <0.5     | <0.5             | 5.0            |              |
| Ethylbenzene (µg/L)                         |   |      |             | 3       | <0.5     | <0.5             | 140.0 (1.6)    |              |
| Methylene Chloride (Dichloromethane) (µg/L) |   |      |             | 3       | <0.5     | <0.5             | 50.0           |              |
| Tetrachloroethylene (µg/L)                  |   |      |             | 3       | <0.5     | <0.5             | 10.0           |              |
| Toluene (µg/L)                              |   |      |             | 3       | <0.5     | <0.5             | 60.0 (24.0)    |              |
| Trichloroethylene (µg/L)                    |   |      |             | 3       | <0.5     | <0.5             | 5.0            |              |
| Trihalomethanes (µg/L)                      |   |      |             | 3       | 18.9     | 18.1 - 20.4      | 100.0          | 50.0         |
| Vinyl Chloride (µg/L)                       |   |      |             | 3       | <1.0     | <1.0             | 2.0            |              |

## 2.2.20 Thorncliff Reservoir

June 2026



| Parameter (Units)                          | # | Mean | Range       | # (YTD) | YTD Mean | YTD Range       | MAC (AO or OG) | EPCOR Target |
|--------------------------------------------|---|------|-------------|---------|----------|-----------------|----------------|--------------|
| <b>Secondary Inorganics</b>                |   |      |             |         |          |                 |                |              |
| Alkalinity total (mg CaCO <sub>3</sub> /L) |   |      |             | 3       | 124.3    | 115.0 - 129.0   |                |              |
| Aluminum (mg/L)                            |   |      |             | 3       | 0.074    | 0.048 - 0.089   | 2.900 (0.100)  |              |
| Ammonia as NH <sub>3</sub> (mg/L)          | 2 | 0.16 | 0.15 - 0.16 | 5       | 0.13     | 0.10 - 0.16     |                |              |
| Beryllium (mg/L)                           |   |      |             | 3       | <0.0002  | <0.0002         |                |              |
| Bromide Dissolved (mg/L)                   |   |      |             | 3       | <0.03    | <0.03           |                |              |
| Calcium (mg/L)                             |   |      |             | 3       | 51.9     | 48.6 - 54.2     |                |              |
| Calcium Hardness (mg/L CaCO <sub>3</sub> ) |   |      |             | 3       | 129.3    | 121.0 - 135.0   |                |              |
| Chloride Dissolved (mg/L)                  |   |      |             | 3       | 6.5      | 5.7 - 7.2       | (250.0)        |              |
| Cobalt (mg/L)                              |   |      |             | 3       | <0.0002  | <0.0002         |                |              |
| Copper (mg/L)                              |   |      |             | 3       | <0.002   | <0.002          | 2.000 (1.000)  |              |
| Iron (mg/L)                                |   |      |             | 3       | <0.005   | <0.005          | (0.100)        |              |
| Lithium (mg/L)                             |   |      |             | 3       | 0.0034   | 0.0031 - 0.0035 |                |              |
| Magnesium (mg/L)                           |   |      |             | 3       | 15.4     | 14.2 - 16.2     |                |              |
| Molybdenum (mg/L)                          |   |      |             | 3       | 0.0007   | 0.0007          |                |              |
| Nickel (mg/L)                              |   |      |             | 3       | <0.0005  | <0.0005         |                |              |
| Phosphate Ortho (as P) (mg/L as P)         | 5 | 0.94 | 0.92 - 0.98 | 26      | 0.90     | 0.86 - 0.98     |                |              |
| Phosphorus (mg/L)                          |   |      |             | 3       | 0.96     | 0.94 - 1.00     |                |              |
| Potassium (mg/L)                           |   |      |             | 3       | 0.9      | 0.8 - 1.0       |                |              |
| Silicon (mg/L)                             |   |      |             | 3       | 2.33     | 1.91 - 2.54     |                |              |
| Silver (mg/L)                              |   |      |             | 3       | <0.00002 | <0.00002        |                |              |
| Sodium (mg/L)                              |   |      |             | 3       | 10.4     | 7.4 - 15.6      | (200.0)        |              |
| Strontium (mg/L)                           |   |      |             | 3       | 0.467    | 0.439 - 0.482   | 7.000          |              |
| Sulphate Dissolved (mg/L)                  |   |      |             | 3       | 70.8     | 66.4 - 76.4     | (500.0)        |              |
| Thallium (mg/L)                            |   |      |             | 3       | <0.0002  | <0.0002         |                |              |
| Total Hardness (mg/L CaCO <sub>3</sub> )   |   |      |             | 3       | 193.0    | 180.0 - 202.0   |                |              |
| Vanadium (mg/L)                            |   |      |             | 3       | <0.0005  | <0.0005         |                |              |
| Zinc (mg/L)                                |   |      |             | 3       | <0.005   | <0.005          | (5.000)        |              |

## 2.2.20 Thorncliff Reservoir

June 2026



| Parameter (Units)                        | # | Mean | Range     | # (YTD) | YTD Mean | YTD Range   | MAC (AO or OG) | EPCOR Target |
|------------------------------------------|---|------|-----------|---------|----------|-------------|----------------|--------------|
| <b>Secondary Organics</b>                |   |      |           |         |          |             |                |              |
| Bromodichloromethane (µg/L)              |   |      |           | 3       | 1.1      | 0.7 - 1.5   |                |              |
| Bromoform (µg/L)                         |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Chlorobenzene (µg/L)                     |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Chloroform (µg/L)                        |   |      |           | 3       | 17.4     | 16.7 - 18.4 |                |              |
| Dibromochloromethane (µg/L)              |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichlorobenzene (1,2) (µg/L)             |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichlorobenzene (1,3) (µg/L)             |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichloroethylene (1,1) (µg/L)            |   |      |           | 3       | <0.5     | <0.5        | 14.0           |              |
| Dichloroethylene cis (1,2) (µg/L)        |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichloroethylene trans (1,2) (µg/L)      |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Dichloropropane (1,2) (µg/L)             |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Methyl Isobutyl Ketone (MIBK) (µg/L)     |   |      |           | 3       | <1.0     | <1.0        |                |              |
| Methyl t-Butyl Ether (MTBE) (µg/L)       |   |      |           | 3       | <0.5     | <0.5        | (15.0)         |              |
| Styrene (µg/L)                           |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Tetrachloroethane (1,1,2,2) (µg/L)       |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Total Organic Carbon (mg/L)              | 3 | 2.2  | 2.0 - 2.3 | 6       | 1.8      | 1.5 - 2.3   |                |              |
| Total Volatile Organics (Non THM) (µg/L) |   |      |           | 3       | 2.0      | <1.0 - 4.0  |                |              |
| Trichlorobenzene (1,2,4) (µg/L)          |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Trichloroethane (1,1,1) (µg/L)           |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Xylene (1,2) (µg/L)                      |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Xylene (1,4) (µg/L)                      |   |      |           | 3       | <0.5     | <0.5        |                |              |
| Xylenes total (µg/L)                     |   |      |           | 3       | <1.0     | <1.0        | 90.0 (20.0)    |              |

## 2.2.21 Raw River Water

Physical, Inorganics, Organic and Pesticide Parameters

June 2026



| Parameter (Units)               | #  | Mean     | Range             | # (YTD) | YTD Mean | YTD Range          |
|---------------------------------|----|----------|-------------------|---------|----------|--------------------|
| <b>Microbiologicals</b>         |    |          |                   |         |          |                    |
| Coliforms total (MPN/100 mL)    | 34 | 4585.8   | 517.2 - 48392.0   | 202     | 1157.2   | 22.8 - 48392.0     |
| Cryptosporidium (oocysts/100L)  | 2  | 36.50    | <28.0 - 45.00     | 12      | 75.5     | <1.0 - 580.0       |
| E. coli (MPN/100 mL)            | 34 | 725.9    | 18.5 - 9768.0     | 202     | 150.7    | 1.0 - 9768.0       |
| Giardia (cysts/100L)            | 2  | 36.50    | 28.0 - 45.00      | 12      | 103.1    | <2.2 - 520.0       |
| <b>Physical</b>                 |    |          |                   |         |          |                    |
| Colour (TCU)                    | 60 | 36.4     | 6.6 - 110.0       | 359     | 13.1     | 3.8 - 110.0        |
| Conductivity (µS/cm)            | 10 | 314.0    | 272.0 - 363.0     | 52      | 353.2    | 272.0 - 415.0      |
| pH                              | 2  | 8        | 8                 | 12      | 8        | 8                  |
| Total Dissolved Solids (mg/L)   | 2  | 205.50   | 204.00 - 207.00   | 12      | 203.25   | 176.00 - 225.00    |
| Total Suspended Solids (mg/L)   | 2  | 246.5    | 189.0 - 304.0     | 12      | 48.9     | <1.0 - 304.0       |
| Turbidity (NTU)                 | 60 | 83.46    | 16.10 - 253.00    | 359     | 22.81    | 0.68 - 253.00      |
| <b>Primary Inorganics</b>       |    |          |                   |         |          |                    |
| Antimony (mg/L)                 | 2  | 0.0005   | <0.0005           | 12      | 0.0005   | <0.0005 - 0.0007   |
| Antimony dissolved (mg/L)       | 2  | <0.0005  | <0.0005           | 12      | 0.0005   | <0.0005            |
| Arsenic (mg/L)                  | 2  | 0.0031   | 0.0024 - 0.0038   | 12      | 0.0008   | <0.0002 - 0.0038   |
| Arsenic dissolved (mg/L)        | 2  | 0.0003   | 0.0002 - 0.0004   | 12      | 0.0002   | <0.0002 - 0.0004   |
| Barium (mg/L)                   | 2  | 0.179    | 0.162 - 0.196     | 12      | 0.087    | 0.062 - 0.196      |
| Barium dissolved (mg/L)         | 2  | 0.056    | 0.053 - 0.059     | 12      | 0.062    | 0.053 - 0.067      |
| Boron (mg/L)                    | 2  | 0.021    | 0.020 - 0.022     | 12      | 0.012    | 0.009 - 0.022      |
| Boron dissolved (mg/L)          | 2  | 0.010    | 0.008 - 0.011     | 12      | 0.010    | 0.008 - 0.012      |
| Bromate Dissolved (mg/L)        | 10 | <0.005   | <0.005            | 56      | 0.005    | <0.005             |
| Cadmium (mg/L)                  | 2  | 0.00013  | 0.00010 - 0.00016 | 12      | 0.00004  | <0.00002 - 0.00016 |
| Cadmium Dissolved (mg/L)        | 2  | <0.00002 | <0.00002          | 12      | <0.00002 | <0.00002           |
| Chlorate Dissolved (mg/L)       | 10 | <0.01    | <0.01             | 56      | 0.01     | <0.01              |
| Chlorine total (mg/L)           | 2  | <0.03    | <0.03             | 12      | 0.03     | <0.03              |
| Chlorite Dissolved (mg/L)       | 10 | <0.005   | <0.005            | 56      | 0.005    | <0.005             |
| Chromium (mg/L)                 | 2  | 0.0120   | 0.0100 - 0.0139   | 12      | 0.0026   | <0.0002 - 0.0139   |
| Chromium dissolved (mg/L)       | 2  | <0.0002  | <0.0002           | 12      | 0.0002   | <0.0002            |
| Cyanide (mg/L)                  |    |          |                   | 4       | <0.002   | <0.002             |
| Fluoride (mg/L)                 | 10 | 0.12     | 0.10 - 0.14       | 52      | 0.12     | 0.05 - 0.14        |
| Lead (mg/L)                     | 2  | 0.0046   | 0.0034 - 0.0058   | 12      | 0.0011   | <0.0002 - 0.0058   |
| Lead dissolved (mg/L)           | 2  | <0.0002  | <0.0002           | 12      | 0.0002   | <0.0002            |
| Manganese (mg/L)                | 2  | 0.170    | 0.117 - 0.223     | 12      | 0.039    | <0.002 - 0.223     |
| Manganese dissolved (mg/L)      | 1  | <0.002   | <0.002            | 6       | 0.003    | <0.002 - 0.007     |
| Mercury (µg/L)                  | 2  | 0.020    | 0.019 - 0.021     | 14      | 0.007    | <0.0050 - 0.021    |
| Mercury dissolved (µg/L)        | 2  | <0.0050  | <0.0050           | 12      | <0.0050  | <0.0050            |
| Nitrate (as N) dissolved (mg/L) | 10 | 0.17     | 0.06 - 0.50       | 56      | 0.09     | <0.01 - 0.50       |
| Nitrite (as N) dissolved (mg/L) | 10 | 0.01     | <0.01             | 56      | 0.01     | <0.01 - 0.02       |
| Selenium (mg/L)                 | 2  | 0.0005   | 0.0005            | 12      | 0.0003   | 0.0002 - 0.0005    |
| Selenium dissolved (mg/L)       | 2  | 0.0003   | 0.0003            | 12      | 0.0003   | <0.0002 - 0.0003   |
| Uranium (mg/L)                  | 2  | 0.0011   | 0.0009 - 0.0013   | 12      | 0.0007   | 0.0005 - 0.0013    |
| Uranium dissolved (mg/L)        | 2  | 0.0006   | 0.0005 - 0.0006   | 12      | 0.0005   | <0.0005 - 0.0006   |

## 2.2.21 Raw River Water

Physical, Inorganics, Organic and Pesticide Parameters

June 2026



| Parameter (Units)                                 | #  | Mean  | Range | # (YTD) | YTD Mean | YTD Range      |
|---------------------------------------------------|----|-------|-------|---------|----------|----------------|
| <b>Primary Organics</b>                           |    |       |       |         |          |                |
| 2,4-D (µg/L)                                      |    |       |       | 4       | <0.050   | <0.050         |
| 2-methyl-4-chlorophenoxyacetic acid (MCPA) (µg/L) |    |       |       | 4       | <0.050   | <0.050         |
| Atrazine + metabolites (µg/L)                     |    |       |       | 4       | <0.10    | <0.10          |
| Benzene (µg/L)                                    | 60 | <0.5  | <0.5  | 359     | <0.50    | <0.5 - <0.50   |
| Benzo(a)pyrene (µg/L)                             |    |       |       | 4       | <0.005   | <0.005         |
| Bromoxynil (µg/L)                                 |    |       |       | 4       | <0.050   | <0.050         |
| Carbon Tetrachloride (µg/L)                       | 60 | <0.5  | <0.5  | 359     | <0.50    | <0.5 - <0.50   |
| Chlorpyrifos (µg/L)                               |    |       |       | 4       | <0.10    | <0.10          |
| Cyanazine (µg/L)                                  |    |       |       | 4       | <0.100   | <0.100         |
| Dicamba (µg/L)                                    |    |       |       | 4       | <1.00    | <0.10 - <1.00  |
| Dichlorobenzene (1,4) (µg/L)                      | 60 | <0.5  | <0.5  | 359     | <0.50    | <0.5 - <0.50   |
| Dichloroethane (1,2) (µg/L)                       | 60 | <0.5  | <0.5  | 359     | <0.50    | <0.5 - <0.50   |
| Dichlorophenol (2,4) (µg/L)                       |    |       |       | 4       | <0.20    | <0.20          |
| Dimethoate (µg/L)                                 |    |       |       | 4       | <0.050   | <0.050         |
| Diquat (µg/L)                                     |    |       |       | 4       | <1.0     | <1.0           |
| Ethylbenzene (µg/L)                               | 60 | <0.5  | <0.5  | 359     | <0.50    | <0.5 - <0.50   |
| Glyphosate (µg/L)                                 |    |       |       | 4       | <1.00    | <1.00          |
| Malathion (µg/L)                                  |    |       |       | 4       | <0.0250  | <0.0250        |
| Manganese dissolved (mg/L)                        | 1  | 0.023 | 0.023 | 6       | 0.007    | <0.002 - 0.023 |
| Methylene Chloride (Dichloromethane) (µg/L)       | 60 | <0.5  | <0.5  | 359     | <1.00    | <0.5 - <1.00   |
| Metribuzin (µg/L)                                 |    |       |       | 4       | <0.100   | <0.100         |
| Microcystin total (µg/L)                          |    |       |       | 4       | <0.15    | <0.15          |
| Nitrilotriacetic acid (NTA) (mg/L)                |    |       |       | 4       | <0.4     | <0.4           |
| Omethoate (µg/L)                                  |    |       |       | 4       | <0.050   | <0.050         |
| Omethoate (as dimethoate) (µg/L)                  |    |       |       | 4       | <0.16    | <0.16          |
| Pentachlorophenol (µg/L)                          |    |       |       | 4       | <0.50    | <0.50          |
| Tetrachloroethylene (µg/L)                        | 60 | <0.5  | <0.5  | 359     | <0.50    | <0.5 - <0.50   |
| Toluene (µg/L)                                    | 60 | <0.5  | <0.5  | 359     | <0.50    | <0.5 - <0.50   |
| Trichloroethylene (µg/L)                          | 60 | <0.5  | <0.5  | 359     | <0.50    | <0.5 - <0.50   |
| Trichlorophenol (2,4,6) (µg/L)                    |    |       |       | 4       | <0.20    | <0.20          |
| Trihalomethanes (µg/L)                            | 60 | <1.0  | <1.0  | 359     | <1.0     | <1.0           |
| Vinyl Chloride (µg/L)                             | 60 | <1.0  | <1.0  | 359     | <1.0     | <0.50 - <1.0   |

## 2.2.21 Raw River Water

Physical, Inorganics, Organic and Pesticide Parameters

June 2026



| Parameter (Units)                        | #  | Mean | Range      | # (YTD) | YTD Mean | YTD Range    |
|------------------------------------------|----|------|------------|---------|----------|--------------|
| <b>Radionuclides</b>                     |    |      |            |         |          |              |
| Gross Alpha (Bq/L)                       |    |      |            | 2       | <0.11    | <0.11        |
| Gross Beta (Bq/L)                        |    |      |            | 2       | 0.06     | <0.05 - 0.06 |
| <b>Secondary Organics</b>                |    |      |            |         |          |              |
| Bromodichloromethane (µg/L)              | 60 | <0.5 | <0.5       | 359     | <0.50    | <0.5 - <0.50 |
| Bromoform (µg/L)                         | 60 | <0.5 | <0.5       | 359     | <0.50    | <0.5 - <0.50 |
| Chlorobenzene (µg/L)                     | 60 | <0.5 | <0.5       | 359     | <0.50    | <0.5 - <0.50 |
| Chloroform (µg/L)                        | 60 | <0.5 | <0.5       | 359     | <0.50    | <0.5 - <0.50 |
| Dibromochloromethane (µg/L)              | 60 | <0.5 | <0.5       | 359     | <0.50    | <0.5 - <0.50 |
| Dichlorobenzene (1,2) (µg/L)             | 60 | <0.5 | <0.5       | 359     | <0.50    | <0.5 - <0.50 |
| Dichlorobenzene (1,3) (µg/L)             | 60 | <0.5 | <0.5       | 359     | <0.50    | <0.5 - <0.50 |
| Dichloroethylene (1,1) (µg/L)            | 60 | <0.5 | <0.5       | 359     | <0.50    | <0.5 - <0.50 |
| Dichloroethylene cis (1,2) (µg/L)        | 60 | <0.5 | <0.5       | 359     | <0.50    | <0.5 - <0.50 |
| Dichloroethylene trans (1,2) (µg/L)      | 60 | <0.5 | <0.5       | 359     | <0.50    | <0.5 - <0.50 |
| Dichloropropane (1,2) (µg/L)             | 60 | <0.5 | <0.5       | 359     | <0.50    | <0.5 - <0.50 |
| Methyl Isobutyl Ketone (MIBK) (µg/L)     | 60 | <1.0 | <1.0       | 359     | <20      | <1.0 - <20   |
| Methyl t-Butyl Ether (MTBE) (µg/L)       | 60 | <0.5 | <0.5       | 359     | <0.50    | <0.5 - <0.50 |
| Styrene (µg/L)                           | 60 | <0.5 | <0.5       | 359     | <0.50    | <0.5 - <0.50 |
| Tetrachloroethane (1,1,2,2) (µg/L)       | 60 | <0.5 | <0.5       | 359     | <0.50    | <0.5 - <0.50 |
| Total Organic Carbon (mg/L)              | 10 | 11.2 | 2.1 - 26.0 | 54      | 3.9      | 1.4 - 26.0   |
| Total Volatile Organics (Non THM) (µg/L) | 60 | 1.6  | <1.0 - 3.9 | 355     | 1.4      | <1.0 - 4.1   |
| Trichlorobenzene (1,2,4) (µg/L)          | 60 | <0.5 | <0.5       | 359     | <0.50    | <0.5 - <0.50 |
| Trichloroethane (1,1,1) (µg/L)           | 60 | <0.5 | <0.5       | 359     | <0.50    | <0.5 - <0.50 |
| Xylene (1,2) (µg/L)                      | 60 | <0.5 | <0.5       | 359     | <0.5     | <0.30 - <0.5 |
| Xylene (1,4) (µg/L)                      | 60 | <0.5 | <0.5       | 359     | <0.5     | <0.40 - <0.5 |
| Xylenes total (µg/L)                     | 60 | <1.0 | <1.0       | 359     | <1.0     | <0.50 - <1.0 |

## 2.2.21 Raw River Water

Physical, Inorganics, Organic and Pesticide Parameters

June 2026



| Parameter (Units)                                    | #  | Mean    | Range             | # (YTD) | YTD Mean | YTD Range          |
|------------------------------------------------------|----|---------|-------------------|---------|----------|--------------------|
| <b>Secondary Inorganics</b>                          |    |         |                   |         |          |                    |
| Alkalinity phenolphthalein (mg CaCO <sub>3</sub> /L) |    |         |                   | 6       | <3       | <3                 |
| Alkalinity total (mg CaCO <sub>3</sub> /L)           | 10 | 135.1   | 121.0 - 162.0     | 52      | 126.8    | 104.0 - 162.0      |
| Aluminum (mg/L)                                      | 2  | 9.555   | 8.010 - 11.100    | 12      | 1.961    | 0.052 - 11.100     |
| Ammonia as NH <sub>3</sub> (mg/L)                    | 28 | 0.05    | <0.05 - 0.08      | 181     | 0.06     | <0.05 - 0.30       |
| Beryllium (mg/L)                                     | 2  | 0.0004  | 0.0003 - 0.0004   | 12      | 0.0002   | <0.0002 - 0.0004   |
| Bromide Dissolved (mg/L)                             | 10 | 0.03    | <0.03             | 56      | 0.03     | <0.03              |
| Calcium (mg/L)                                       | 2  | 60.0    | 57.1 - 62.9       | 12      | 50.8     | 41.3 - 62.9        |
| Calcium Hardness (mg/L CaCO <sub>3</sub> )           | 10 | 102.8   | 99.0 - 106.0      | 52      | 114.7    | 98.0 - 138.0       |
| Chloride Dissolved (mg/L)                            | 10 | 3.7     | 0.7 - 10.0        | 56      | 2.3      | 0.5 - 12.2         |
| Cobalt (mg/L)                                        | 2  | 0.0035  | 0.0026 - 0.0044   | 12      | 0.0008   | <0.0002 - 0.0044   |
| Copper (mg/L)                                        | 2  | 0.011   | 0.008 - 0.013     | 12      | 0.007    | <0.002 - 0.046     |
| Iron (mg/L)                                          | 2  | 7.915   | 6.270 - 9.560     | 12      | 1.668    | 0.042 - 9.560      |
| Lithium (mg/L)                                       | 2  | 0.0103  | 0.0092 - 0.0114   | 12      | 0.0049   | 0.0034 - 0.0114    |
| Magnesium (mg/L)                                     | 2  | 18.0    | 17.3 - 18.7       | 12      | 15.6     | 12.8 - 18.7        |
| Molybdenum (mg/L)                                    | 2  | 0.0011  | 0.0010 - 0.0011   | 12      | 0.0008   | 0.0006 - 0.0011    |
| Nickel (mg/L)                                        | 2  | 0.0105  | 0.0082 - 0.0127   | 12      | 0.0026   | <0.0005 - 0.0127   |
| Nitrogen Total Kjeldahl (TKN) (mg/L N)               | 2  | 0.6     | 0.4 - 0.7         | 117     | 0.3      | <0.1 - 0.9         |
| Phosphate Ortho (as P) (mg/L as P)                   | 2  | <0.02   | <0.02             | 12      | 0.02     | <0.02 - 0.03       |
| Phosphorus (mg/L)                                    | 2  | 0.23    | 0.18 - 0.27       | 12      | 0.07     | <0.02 - 0.27       |
| Potassium (mg/L)                                     | 2  | 3.6     | 3.2 - 4.0         | 12      | 1.6      | 0.7 - 4.0          |
| Silicon (mg/L)                                       | 2  | 24.35   | 20.20 - 28.50     | 12      | 6.60     | 2.17 - 28.50       |
| Silver (mg/L)                                        | 2  | 0.00005 | 0.00004 - 0.00006 | 12      | 0.00004  | <0.00002 - 0.00016 |
| Sodium (mg/L)                                        | 2  | 7.2     | 4.1 - 10.2        | 12      | 5.0      | 3.3 - 10.2         |
| Strontium (mg/L)                                     | 2  | 0.457   | 0.435 - 0.479     | 12      | 0.460    | 0.403 - 0.499      |
| Sulphate Dissolved (mg/L)                            | 10 | 46.4    | 39.6 - 54.7       | 56      | 55.9     | 39.6 - 69.3        |
| Sulphide (mg/L)                                      |    |         |                   | 4       | 0.0026   | <0.0015 - 0.0044   |
| Thallium (mg/L)                                      | 2  | <0.0002 | <0.0002           | 12      | 0.0002   | <0.0002            |
| Total Hardness (mg/L CaCO <sub>3</sub> )             | 10 | 155.5   | 144.0 - 167.0     | 52      | 172.1    | 141.0 - 204.0      |
| Vanadium (mg/L)                                      | 2  | 0.0214  | 0.0184 - 0.0244   | 12      | 0.0046   | <0.0005 - 0.0244   |
| Zinc (mg/L)                                          | 2  | 0.034   | 0.024 - 0.044     | 12      | 0.010    | <0.005 - 0.044     |

## 2.2.21 Raw River Water

Physical, Inorganics, Organic and Pesticide Parameters

June 2026



| Parameter (Units)           | # | Mean     | Range            | # (YTD) | YTD Mean | YTD Range        |
|-----------------------------|---|----------|------------------|---------|----------|------------------|
| <b>Secondary Inorganics</b> |   |          |                  |         |          |                  |
| Aluminum dissolved (mg/L)   | 2 | 0.018    | 0.014 - 0.021    | 12      | 0.020    | <0.005 - 0.086   |
| Beryllium dissolved (mg/L)  | 2 | <0.0002  | <0.0002          | 12      | 0.0002   | <0.0002          |
| Calcium dissolved (mg/L)    | 2 | 44.0     | 41.4 - 46.6      | 12      | 47.9     | 38.8 - 53.7      |
| Cobalt dissolved (mg/L)     | 2 | <0.0002  | <0.0002          | 12      | 0.0002   | <0.0002          |
| Copper dissolved (mg/L)     | 2 | <0.002   | <0.002           | 12      | 0.002    | <0.002 - 0.003   |
| Iron dissolved (mg/L)       | 2 | 0.007    | <0.005 - 0.008   | 12      | 0.015    | <0.005 - 0.071   |
| Lithium dissolved (mg/L)    | 2 | 0.0040   | 0.0034 - 0.0046  | 12      | 0.0037   | 0.0034 - 0.0046  |
| Magnesium dissolved (mg/L)  | 2 | 13.6     | 12.8 - 14.4      | 12      | 14.5     | 12.1 - 16.1      |
| Molybdenum dissolved (mg/L) | 2 | 0.0007   | 0.0006 - 0.0007  | 12      | 0.0007   | 0.0006 - 0.0008  |
| Nickel dissolved (mg/L)     | 2 | 0.0007   | <0.0005 - 0.0008 | 12      | 0.0006   | <0.0005 - 0.0009 |
| Phosphorus dissolved (mg/L) | 2 | 0.04     | 0.03 - 0.04      | 12      | 0.03     | <0.02 - 0.05     |
| Potassium dissolved (mg/L)  | 2 | 1.1      | 0.8 - 1.3        | 12      | 1.1      | 0.7 - 2.1        |
| Silicon dissolved (mg/L)    | 2 | 2.00     | 1.90 - 2.09      | 12      | 2.06     | 1.65 - 2.42      |
| Silver dissolved (mg/L)     | 2 | <0.00002 | <0.00002         | 12      | <0.00002 | <0.00002         |
| Sodium dissolved (mg/L)     | 2 | 7.0      | 3.7 - 10.3       | 12      | 4.9      | 3.3 - 10.3       |
| Strontium dissolved (mg/L)  | 2 | 0.409    | 0.381 - 0.436    | 12      | 0.446    | 0.381 - 0.485    |
| Thallium dissolved (mg/L)   | 2 | <0.0002  | <0.0002          | 12      | 0.0002   | <0.0002          |
| Titanium dissolved (mg/L)   | 2 | <0.0005  | <0.0005          | 12      | 0.0005   | <0.0005 - 0.0006 |
| Vanadium Dissolved (mg/L)   | 2 | <0.0005  | <0.0005          | 12      | 0.0005   | <0.0005          |
| Zinc dissolved (mg/L)       | 2 | <0.005   | <0.005           | 12      | <0.005   | <0.005           |