

# Monthly Operations Report

for the Municipality of Casselman's Water and  
Wastewater Systems

April 2026



**Ontario Clean Water Agency**  
**Agence Ontarienne Des Eaux**

## **Table of Contents**

Section 1 - Monthly Operations Report Card

Section 2 - Facility Listing

Section 3 - Compliance

Section 4 - Facility Performance

Section 5 - Drinking Water Quality Management System (DWQMS)

Section 6 - Maintenance / Capital / Added Value

Section 7 - Complaints

Section 8 - Recommendations / General Comments

## **Appendices**

Appendix A – Performance Assessment Reports

Appendix B – Work Order Summary Report

Appendix C – Locate Summary

## SECTION 1 – MONTHLY OPERATIONS REPORT CARD

## Operations and Compliance Reliability Indices

| Legend   |           |         |              |        |                |
|----------|-----------|---------|--------------|--------|----------------|
| ✓        | ●         | ▲       | ✗            | Y/N    | N/A            |
| Achieved | On Target | Caution | Not Achieved | Yes/No | Not Applicable |

|                                     | Target | Current Month | Comments |
|-------------------------------------|--------|---------------|----------|
| <b>Health &amp; Safety</b>          |        |               |          |
| Number of Incidents                 | 0      | ●             |          |
| <i>Actual Result</i>                |        | 0             |          |
| <b>Drinking Water</b>               |        |               |          |
| Inspection Ratings (YTD)            | 100 %  | ●             |          |
| <i>Actual Result</i>                |        | 100 %         |          |
| AWQI's                              | 0      | ●             |          |
| <i>Actual Result</i>                |        | 0             |          |
| Number of Non-Compliances           | 0      | ●             |          |
| <i>Actual Result</i>                |        | 0             |          |
| Number of Water Main Breaks         | 0      | ●             |          |
| <i>Actual Result</i>                |        | 0             |          |
| Number of Complaints                | 0      | ●             |          |
| <i>Actual Result</i>                |        | 0             |          |
| Water Main Flushing                 | 0      | ●             |          |
| <i>Target Achieved</i>              |        | Y             |          |
| <b>Wastewater</b>                   |        |               |          |
| Number of Non-Compliances           | 0      | ●             |          |
| <i>Actual Result</i>                |        | 0             |          |
| Number of Bypasses                  | 0      | ●             |          |
| <i>Actual Result</i>                |        | 0             |          |
| Number of Sanitary Sewer Back-ups   | 0      | ●             |          |
| <i>Actual Result</i>                |        | 0             |          |
| Sanitary Collection System Flushing | 0      | ●             |          |
| <i>Target Achieved</i>              |        | Y             |          |
| <b>Preventive Maintenance</b>       |        |               |          |
| Work Orders Completed               | >95%   | ●             |          |
| <i>Target Achieved</i>              |        | Y             |          |

## SECTION 2 – FACILITY LISTING

### Water Treatment & Distribution

| Facility                                   | Type                                                 |
|--------------------------------------------|------------------------------------------------------|
| 5971 - Casselman Water Treatment Plant     | 1 WTP (Actiflo Process)                              |
| 1553 - Casselman Water Distribution System | 1 Water Storage Tower +<br>Water Distribution System |

### Wastewater Treatment & Collection

| Facility                                      | Type                                                            |
|-----------------------------------------------|-----------------------------------------------------------------|
| 1501 - Casselman Wastewater Treatment Plant   | 3 Facultative Lagoon Cells<br>MBBR (Moving Bed Biofilm Reactor) |
| 1501 - Casselman Wastewater Collection System | 6 Sewage Pumping Stations +<br>Wastewater Collection System     |

## SECTION 3 – COMPLIANCE

There were no compliance issues to report for Casselman's water and wastewater treatment systems.

The most recent MECP inspections are listed below:

| Location         | Inspector              | Inspection Rating (%) | Date              |
|------------------|------------------------|-----------------------|-------------------|
| Casselman Water  | Jean-Francois Durocher | 100%                  | January 27, 2026  |
| Casselman Sewage | Jean-Francois Durocher | Rating not applicable | November 19, 2024 |

There are no outstanding actions required from any recent MECP inspections.

## SECTION 4 – FACILITY PERFORMANCE

Please see the Water & Wastewater Performance Assessment Reports attached in Appendix A.

## SECTION 5 – DRINKING WATER QUALITY MANAGEMENT SYSTEM (DWQMS)

A re-accreditation audit was conducted by SAI Global in November 2025. OCWA received the new Certificate of Accreditation for Casselman's Drinking Water System on January 9, 2026.

## SECTION 6 - MAINTENANCE / CAPITAL / ADDED VALUE

### Water Treatment & Distribution

- Responded to two after-hours call-back alarms
- Installed new air purge valve on Transfer Pump #2
- Capital Controls on site to connect VFD's to High Lift Pump #1 & #2
- Electrician in to complete work on electrical panel in chemical room
- Fixed leak in potassium permanganate tank

### Wastewater Treatment & Collection

- Responded to one after-hours call-back alarm
- Cleaned bar screen at SPS #1
- Fixed communication issue on Pump #1 at SPS #1
- Lagoon discharge continued through April

### Preventive Maintenance Plan (PMP) Work Order Summary

All required work orders were completed. Please refer to the summary reports attached in Appendix B.

## SECTION 7 – COMPLAINTS

| Facility       | Date | Description |
|----------------|------|-------------|
| None to report |      |             |

## **SECTION 8 – RECOMMENDATIONS / GENERAL COMMENTS**

### General

- 53 locates were completed in April

# Appendix A

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## Performance Assessment Reports



# ONTARIO CLEAN WATER AGENCY PERFORMANCE ASSESSMENT REPORT

**MUNICIPALITY:** MUNICIPALITY OF CASSELMAN  
**PROJECT:** CASSELMAN DRINKING WATER SYSTEM  
**DESCRIPTION:** SURFACE WATER TREATMENT PLANT  
CHEMICALLY ASSISTED FILTRATION

**YEAR:** 2026  
**WATER SOURCE:** NATION RIVER  
**DESIGN CAPACITY:** 3182 m3/d  
**WORKS NUM.:** 210001219

| MONTH    | SYSTEM FLOWS (TREATED)       |                             |                                | TREATED                                 |                                        | DISTRIBUTION                               |                                            | RAW                             |                             |                       |                          |                      | TREATED                 |                         |                                 |                             |                          |                      |                   | DISTRIBUTION         |                      |                       |
|----------|------------------------------|-----------------------------|--------------------------------|-----------------------------------------|----------------------------------------|--------------------------------------------|--------------------------------------------|---------------------------------|-----------------------------|-----------------------|--------------------------|----------------------|-------------------------|-------------------------|---------------------------------|-----------------------------|--------------------------|----------------------|-------------------|----------------------|----------------------|-----------------------|
|          | Total Flow (m <sup>3</sup> ) | Avg. Flow (m <sup>3</sup> ) | Max Day Flow (m <sup>3</sup> ) | Min. Free Cl <sub>2</sub> Resid. (mg/L) | Max Free Cl <sub>2</sub> Resid. (mg/L) | Min Combined Cl <sub>2</sub> Resid. (mg/L) | Max Combined Cl <sub>2</sub> Resid. (mg/L) | Dissolved Organic Carbon (mg/L) | Total Organic Carbon (mg/L) | Total Hardness (mg/L) | Average Manganese (mg/L) | Max Manganese (mg/L) | IH Avg. Turbidity (NTU) | IH Max. Turbidity (NTU) | Dissolved Organic Carbon (mg/L) | Total Organic Carbon (mg/L) | Average Manganese (mg/L) | Max Manganese (mg/L) | Min CT (mg/L/min) | THM (µg/L) quarterly | HAA (µg/L) quarterly | NDMA (µg/L) quarterly |
| JAN      | 31,413                       | 1,013                       | 1,218                          | 1.15                                    | 2.71                                   | 1.19                                       | 2.31                                       | 5.60                            | 5.60                        | 391                   | 0.10                     | 0.11                 | 0.24                    | 0.28                    | 3.50                            | 3.50                        | 0.03                     | 0.05                 | 294               | 32.0                 | 17.4                 | 0.0018                |
| FEB      | 28,466                       | 1,017                       | 1,330                          | 1.22                                    | 2.84                                   | 1.28                                       | 2.25                                       | 5.20                            | 5.30                        | 380                   | 0.08                     | 0.09                 | 0.23                    | 0.29                    | 3.60                            | 3.10                        | 0.05                     | 0.05                 | 269               |                      |                      |                       |
| MAR      | 31,035                       | 1,001                       | 1,360                          | 1.20                                    | 2.26                                   | 1.27                                       | 2.28                                       | 5.10                            | 4.40                        | 411                   | 0.08                     | 0.13                 | 0.38                    | 0.50                    | 3.70                            | 2.60                        | 0.03                     | 0.08                 | 195               |                      |                      |                       |
| APR      | 31,208                       | 1,040                       | 1,330                          | 1.14                                    | 2.03                                   | 1.24                                       | 1.97                                       | 9.10                            | 8.60                        | 254                   | 0.32                     | 0.43                 | 0.32                    | 0.43                    | 3.80                            | 3.40                        | 0.03                     | 0.03                 | 260               | 42.0                 | 36.0                 | 0.0011                |
| MAY      |                              |                             |                                |                                         |                                        |                                            |                                            |                                 |                             |                       |                          |                      |                         |                         |                                 |                             |                          |                      |                   |                      |                      |                       |
| JUN      |                              |                             |                                |                                         |                                        |                                            |                                            |                                 |                             |                       |                          |                      |                         |                         |                                 |                             |                          |                      |                   |                      |                      |                       |
| JUL      |                              |                             |                                |                                         |                                        |                                            |                                            |                                 |                             |                       |                          |                      |                         |                         |                                 |                             |                          |                      |                   |                      |                      |                       |
| AUG      |                              |                             |                                |                                         |                                        |                                            |                                            |                                 |                             |                       |                          |                      |                         |                         |                                 |                             |                          |                      |                   |                      |                      |                       |
| SEP      |                              |                             |                                |                                         |                                        |                                            |                                            |                                 |                             |                       |                          |                      |                         |                         |                                 |                             |                          |                      |                   |                      |                      |                       |
| OCT      |                              |                             |                                |                                         |                                        |                                            |                                            |                                 |                             |                       |                          |                      |                         |                         |                                 |                             |                          |                      |                   |                      |                      |                       |
| NOV      |                              |                             |                                |                                         |                                        |                                            |                                            |                                 |                             |                       |                          |                      |                         |                         |                                 |                             |                          |                      |                   |                      |                      |                       |
| DEC      |                              |                             |                                |                                         |                                        |                                            |                                            |                                 |                             |                       |                          |                      |                         |                         |                                 |                             |                          |                      |                   |                      |                      |                       |
| TOTAL    | 122,122                      |                             |                                |                                         |                                        |                                            |                                            |                                 |                             |                       |                          |                      |                         |                         |                                 |                             |                          |                      |                   |                      |                      |                       |
| AVG      |                              | 1,018                       |                                |                                         |                                        |                                            |                                            | 6.25                            | 5.98                        | 359                   | 0.15                     |                      | 0.29                    |                         | 3.65                            | 3.15                        | 0.04                     |                      |                   | 37.0                 | 26.7                 | 0.0009                |
| MAX      |                              |                             | 1,360                          |                                         | 2.84                                   |                                            | 2.31                                       |                                 |                             |                       |                          | 0.43                 |                         | 0.50                    |                                 |                             |                          | 0.08                 |                   |                      |                      |                       |
| MIN      |                              |                             |                                | 1.14                                    |                                        | 1.19                                       |                                            |                                 |                             |                       |                          |                      |                         |                         |                                 |                             |                          |                      | 195               |                      |                      |                       |
| CRITERIA |                              |                             | 3,182                          | 0.4                                     |                                        | 0.25                                       | 3.00                                       |                                 |                             |                       |                          |                      |                         |                         |                                 |                             |                          |                      | 46                | <100                 | <80                  | <0.009                |

| MONTH    | SYSTEM FLOWS (RAW)           |                                 |                             |                        | ACTIFLO FILTER #1    |                      | ACTIFLO FILTER #2    |                      | Efficiency                      |                                 | RESIDUALS TANK        |                          | TREATED                 |                         |                                          |             | E. coli / Total Coliform / HPC (Number of Samples Collected) |              |         |              | RAW WATER  |                    |
|----------|------------------------------|---------------------------------|-----------------------------|------------------------|----------------------|----------------------|----------------------|----------------------|---------------------------------|---------------------------------|-----------------------|--------------------------|-------------------------|-------------------------|------------------------------------------|-------------|--------------------------------------------------------------|--------------|---------|--------------|------------|--------------------|
|          | Total Flow (m <sup>3</sup> ) | Avg. Day Flow (m <sup>3</sup> ) | Max. Flow (m <sup>3</sup> ) | Max. Flow Rate (L/min) | Avg. Turbidity (NTU) | Max. Turbidity (NTU) | Avg. Turbidity (NTU) | Max. Turbidity (NTU) | Turbidity % < 0.3 NTU Filter #1 | Turbidity % < 0.3 NTU Filter #2 | Backwash TSS** (mg/L) | Clarification TSS (mg/L) | OL Avg. Turbidity (NTU) | OL Max. Turbidity (NTU) | Min UV Intensity (mJ/cm <sup>2</sup> ) * | Min UVT (%) | Safe                                                         |              | Adverse |              | Max. Count | Max. E. coli Count |
|          |                              |                                 |                             |                        |                      |                      |                      |                      |                                 |                                 |                       |                          |                         |                         |                                          |             | Treated                                                      | Distribution | Treated | Distribution |            |                    |
|          |                              |                                 |                             |                        |                      |                      |                      |                      |                                 |                                 |                       |                          |                         |                         |                                          |             |                                                              |              |         |              |            |                    |
| JAN      | 35,954                       | 1,160                           | 1,557                       | 1996                   | 0.10                 | 0.40                 | 0.11                 | 0.36                 | 100.00                          | 99.91                           | 7                     | 7                        | 0.17                    | 0.95                    | 0                                        | 92          | 4                                                            | 12           | 0       | 0            | 8,000      | 33                 |
| FEB      | 33,643                       | 1,202                           | 1,593                       | 1976                   | 0.09                 | 0.73                 | 0.09                 | 0.64                 | 99.87                           | 99.31                           | 9                     | 6                        | 0.12                    | 0.37                    | 94                                       | 90          | 4                                                            | 12           | 0       | 0            | 1,000      | 113                |
| MAR      | 36,887                       | 1,190                           | 1,781                       | 2001                   | 0.12                 | 0.57                 | 0.10                 | 0.64                 | 99.37                           | 99.74                           | 11                    | 13                       | 0.18                    | 0.49                    | 86                                       | 70          | 5                                                            | 15           | 0       | 0            | 194,000    | 132                |
| APR      | 35,415                       | 1,181                           | 1,420                       | 1723                   | 0.11                 | 0.60                 | 0.11                 | 0.51                 | 99.86                           | 99.76                           |                       | 4                        | 0.19                    | 0.76                    | 96                                       | 80          | 4                                                            | 12           | 0       | 0            | 8,400      | 38                 |
| MAY      |                              |                                 |                             |                        |                      |                      |                      |                      |                                 |                                 |                       |                          |                         |                         |                                          |             |                                                              |              |         |              |            |                    |
| JUN      |                              |                                 |                             |                        |                      |                      |                      |                      |                                 |                                 |                       |                          |                         |                         |                                          |             |                                                              |              |         |              |            |                    |
| JUL      |                              |                                 |                             |                        |                      |                      |                      |                      |                                 |                                 |                       |                          |                         |                         |                                          |             |                                                              |              |         |              |            |                    |
| AUG      |                              |                                 |                             |                        |                      |                      |                      |                      |                                 |                                 |                       |                          |                         |                         |                                          |             |                                                              |              |         |              |            |                    |
| SEP      |                              |                                 |                             |                        |                      |                      |                      |                      |                                 |                                 |                       |                          |                         |                         |                                          |             |                                                              |              |         |              |            |                    |
| OCT      |                              |                                 |                             |                        |                      |                      |                      |                      |                                 |                                 |                       |                          |                         |                         |                                          |             |                                                              |              |         |              |            |                    |
| NOV      |                              |                                 |                             |                        |                      |                      |                      |                      |                                 |                                 |                       |                          |                         |                         |                                          |             |                                                              |              |         |              |            |                    |
| DEC      |                              |                                 |                             |                        |                      |                      |                      |                      |                                 |                                 |                       |                          |                         |                         |                                          |             |                                                              |              |         |              |            |                    |
| TOTAL    | 141,899                      |                                 |                             |                        |                      |                      |                      |                      |                                 |                                 |                       |                          |                         |                         |                                          |             | 17                                                           | 51           | 0       | 0            |            |                    |
| AVG      |                              | 1,183                           |                             |                        | 0.11                 |                      | 0.10                 |                      | 99.78                           | 99.68                           | 9                     | 8                        | 0.17                    |                         |                                          |             |                                                              |              |         |              |            |                    |
| MAX      |                              |                                 | 1,781                       | 2,001                  |                      | 0.73                 |                      | 0.64                 |                                 |                                 | 11                    | 13                       |                         | 0.95                    |                                          |             |                                                              |              |         |              | 194,000    | 132                |
| MIN      |                              |                                 |                             |                        |                      |                      |                      |                      |                                 |                                 |                       |                          |                         |                         | 0                                        | 70          |                                                              |              |         |              |            |                    |
| CRITERIA |                              |                                 | 3,182                       | 2,205                  |                      | <1                   |                      | <1                   | >95%                            | >95%                            | <25                   | <25                      |                         | <5                      | >40                                      |             |                                                              |              |         |              |            |                    |

## COMMENTS:

\* On January 26, 2026 - Generator test caused UV to temporarily shut down while water continued to flow through. Primary disinfection still met with filtration and chlorination credit. Minimum UVI for January 2026 excluding short event = 105 mJ/cm2

\*\* As per MDWL Issue 5 - only required to sample and test total suspended solids in filter backwash residuals tank if supernatant discharges to the South Nation River. No discharge in Jan-Apr 2026.



# ONTARIO CLEAN WATER AGENCY PERFORMANCE ASSESSMENT REPORT

OWNER: MUNICIPALITY OF CASSELMAN  
 PROJECT: CASSELMAN WASTEWATER TREATMENT SYSTEM  
 ECA NUM.: 0246-CUXTCB  
 DESCRIPTION: MOVING BED BIOLOGICAL REACTOR (MBBR) TREATMENT LAGOON

YEAR: 2026  
 WATER COURSE: NATION RIVER  
 DESIGN CAPACITY: 2,110 m<sup>3</sup>/d  
 FACILITY WORKS#: 110002201

| MONTH    | RAW                          |                                |                                   |                           |                        |                         |                        |                      | EFFLUENT                        |                                     |                                        |                     |                   |                   |                  |                   |                       |                       |                         |
|----------|------------------------------|--------------------------------|-----------------------------------|---------------------------|------------------------|-------------------------|------------------------|----------------------|---------------------------------|-------------------------------------|----------------------------------------|---------------------|-------------------|-------------------|------------------|-------------------|-----------------------|-----------------------|-------------------------|
|          | Total Flow<br>m <sup>3</sup> | Avg Day Flow<br>m <sup>3</sup> | Max Day Flow<br>m <sup>3</sup> /d | Avg Alum Dosage<br>(mg/L) | Avg Raw BOD5<br>(mg/L) | Avg Raw TSS<br>(mg/L)   | Avg. Raw TKN<br>(mg/L) | Avg Raw TP<br>(mg/L) | Effluent Flow<br>m <sup>3</sup> | Effluent Avg Flow<br>m <sup>3</sup> | Effluent Max Flow<br>m <sup>3</sup> /d | Avg CBOD5<br>(mg/L) | Avg TSS<br>(mg/L) | Avg TAN<br>(mg/L) | Avg TP<br>(mg/L) | Avg TKN<br>(mg/L) | Avg Nitrate<br>(mg/L) | Avg Nitrite<br>(mg/L) | E. coli<br>(cfu/100 mL) |
| JAN      | 39,254                       | 1,266                          | 1,387                             | 48                        | 317                    | 705                     | 49.7                   | 5.54                 | 59,431                          | 1,917                               | 1,957                                  | 3.8                 | 6.8               | 0.9               | 0.42             | 3.4               | 30.7                  | 0.40                  | 954                     |
| FEB      | 31,038                       | 1,109                          | 1,170                             | 14                        | 272                    | 675                     | 67.4                   | 7.93                 | 52,503                          | 1,875                               | 1,948                                  | 5.8                 | 9.5               | 7.3               | 0.60             | 9.7               | 32.2                  | 0.70                  | 984                     |
| MAR      | 65,629                       | 2,117                          | 3,004                             | 58                        | 134                    | 315                     | 41.4                   | 3.96                 | 42,554                          | 1,373                               | 2,597                                  | 3.4                 | 8.0               | 0.65              | 0.89             | 2.7               | 31.3                  | 0.29                  | 431                     |
| APR      | 68,523                       | 2,284                          | 2,794                             | 97                        | 209                    | 270                     | 33.2                   | 3.74                 | 86,690                          | 2,890                               | 6,474                                  | 4.3                 | 7.8               | 0.44              | 0.72             | 2.4               | 18.2                  | 0.20                  | 20                      |
| MAY      |                              |                                |                                   |                           |                        |                         |                        |                      |                                 |                                     |                                        |                     |                   |                   |                  |                   |                       |                       |                         |
| JUN      |                              |                                |                                   |                           |                        |                         |                        |                      |                                 |                                     |                                        |                     |                   |                   |                  |                   |                       |                       |                         |
| JUL      |                              |                                |                                   |                           |                        |                         |                        |                      |                                 |                                     |                                        |                     |                   |                   |                  |                   |                       |                       |                         |
| AUG      |                              |                                |                                   |                           |                        |                         |                        |                      |                                 |                                     |                                        |                     |                   |                   |                  |                   |                       |                       |                         |
| SEPT     |                              |                                |                                   |                           |                        |                         |                        |                      |                                 |                                     |                                        |                     |                   |                   |                  |                   |                       |                       |                         |
| OCT      |                              |                                |                                   |                           |                        |                         |                        |                      |                                 |                                     |                                        |                     |                   |                   |                  |                   |                       |                       |                         |
| NOV      |                              |                                |                                   |                           |                        |                         |                        |                      |                                 |                                     |                                        |                     |                   |                   |                  |                   |                       |                       |                         |
| DEC      |                              |                                |                                   |                           |                        |                         |                        |                      |                                 |                                     |                                        |                     |                   |                   |                  |                   |                       |                       |                         |
| TOTAL    | 204,444                      |                                |                                   |                           |                        |                         |                        |                      | 241,178                         |                                     |                                        |                     |                   |                   |                  |                   |                       |                       |                         |
| AVG      |                              | 1,694                          |                                   | 54                        | 233                    | 491                     | 48                     | 5.29                 |                                 | 2,014                               |                                        | 4.3                 | 8.0               | 2.3               | 0.66             | 4.5               | 28.1                  | 0.40                  | 300                     |
| MAX      |                              |                                | 3,004                             |                           | 317                    | 705                     | 67                     | 7.93                 |                                 |                                     | 6,474                                  | 5.8                 | 9.5               | 7.3               | 0.89             | 9.7               | 32.2                  | 0.70                  | 984                     |
| CRITERIA |                              |                                |                                   |                           |                        | Fall Discharge          |                        |                      | 267,650                         | 2,909                               |                                        |                     |                   |                   |                  |                   |                       |                       |                         |
|          |                              |                                |                                   |                           |                        | Winter/Spring Discharge |                        |                      | 502,500                         | 3,722                               |                                        |                     |                   |                   |                  |                   |                       |                       |                         |

|            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| COMPLIANCE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

| MONTH    | UPSTREAM            |                   |                   |                     | DOWNSTREAM          |                   |                   |                     |
|----------|---------------------|-------------------|-------------------|---------------------|---------------------|-------------------|-------------------|---------------------|
|          | Avg CBOD5<br>(mg/L) | Avg TSS<br>(mg/L) | Avg TAN<br>(mg/L) | Avg PHOS.<br>(mg/L) | Avg CBOD5<br>(mg/L) | Avg TSS<br>(mg/L) | Avg TAN<br>(mg/L) | Avg PHOS.<br>(mg/L) |
| JAN      | -                   | -                 | -                 | -                   | -                   | -                 | -                 | -                   |
| FEB      | -                   | -                 | -                 | -                   | -                   | -                 | -                 | -                   |
| MAR      | -                   | -                 | -                 | -                   | -                   | -                 | -                 | -                   |
| APR      | 3.0                 | 16.0              | 0.43              | 0.08                | 3.00                | 24.0              | 0.46              | 0.08                |
| MAY      |                     |                   |                   |                     |                     |                   |                   |                     |
| JUN      |                     |                   |                   |                     |                     |                   |                   |                     |
| JUL      |                     |                   |                   |                     |                     |                   |                   |                     |
| AUG      |                     |                   |                   |                     |                     |                   |                   |                     |
| SEPT     |                     |                   |                   |                     |                     |                   |                   |                     |
| OCT      |                     |                   |                   |                     |                     |                   |                   |                     |
| NOV      |                     |                   |                   |                     |                     |                   |                   |                     |
| DEC      |                     |                   |                   |                     |                     |                   |                   |                     |
| TOTAL    |                     |                   |                   |                     |                     |                   |                   |                     |
| AVG      | 3.0                 | 16                | 0.43              | 0.08                | 3.0                 | 24                | 0.46              | 0.08                |
| MAX      | 3.0                 | 16                | 0.43              | 0.08                | 3.0                 | 24                | 0.46              | 0.08                |
| CRITERIA |                     |                   |                   |                     |                     |                   |                   |                     |

## Comments:

\*No Upstream/Downstream Samples required to be collected when downstream sampling is not feasible due to ice cover on the Nation River.

\*\*No Upstream/Downstream samples collected from January 1 to April 14.

## Appendix B

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### Work Order Summary Reports



## Monthly Work Order Summary – April 2026

### Casselman Drinking Water System

|                                                                          |      |      |
|--------------------------------------------------------------------------|------|------|
| JHSC Meeting (3m) - 5971                                                 | APPR | PM   |
| Client Reports (1m) - Casselman 5971                                     | COMP | PM   |
| Dryer Air Service (1m) - 5971                                            | COMP | PM   |
| Generator Inspection (1m) 5971                                           | COMP | PM   |
| Air Compressor Inspection/Service (1m) 5971                              | COMP | PM   |
| Lifting Device Hoist Chain Insp (1y) - 5971                              | WSCH | PM   |
| AHU Service (1y) 5971                                                    | COMP | PM   |
| Blower Centrifugal Inspection/Service (1m) 5971                          | COMP | PM   |
| Analyzer pH Inspection/Service (1m) 5971                                 | COMP | PM   |
| Analyzer Chlorine Inspection/Service (1m) 5971                           | COMP | PM   |
| Meter Level Inspection/Service (3m) 5971                                 | APPR | PM   |
| PANEL ALARM/DIALER TEST (1m) - 5971                                      | COMP | PM   |
| Actuator (air) Inspection/Service (1y) 5971                              | COMP | PM   |
| Pump Diaphragm Coagulant Route Inspection/Service (1m) 5971              | COMP | PM   |
| Pump Diaphragm Potassium Permanganate Route Inspection/Service (1m) 5971 | COMP | PM   |
| Gear Drive Sludge Pump Service (6m) - 5971                               | COMP | PM   |
| Pump Diaphragm Ammonium Sulphate Route Inspection/Service (1m) 5971      | COMP | PM   |
| Analyzer Turbidity Inspection/Service (1m) 5971                          | COMP | PM   |
| Chlorinator Service (1y) 5971                                            | APPR | PM   |
| UVT Sensor Checks/Calibration (1m) - 5971                                | COMP | PM   |
| Sensor Gas Monitor Insp (6m) 5971                                        | APPR | PM   |
| Analyzer Spectrophotometer Insp/Service (1m) - 5971                      | COMP | PM   |
| Pump Submersible ACTIFLO Inspection (3m) 5971                            | COMP | PM   |
| Pump Diaphragm Sodium Hydroxide Route Inspection/Service (1m) 5971       | COMP | PM   |
| Sampling and Testing (1m) 5971                                           | COMP | PM   |
| UV Light Bank Insp/Service (1m) - 5971                                   | COMP | PM   |
| Pump Diaphragm Polymer Route Inspection/Service (1m) 5971                | COMP | PM   |
| UV Sensor Reference Check/Calibration (1m) - 5971                        | COMP | PM   |
| CLEAR WELL , HIGH LIFT PUMP (1y) - 5971                                  | COMP | PM   |
| PDM (WISKI) Data Entry and Review-Ops (1m) 5971                          | COMP | PM   |
| Quarterly H&S Equipment Check (3m) - 5971                                | COMP | PM   |
| Monthly H&S Equipment Check (1m) - 5971                                  | COMP | PM   |
| Designated Substance Assessment-PCT (1y) 5971                            | APPR | PM   |
| Analyzer Chlorine Inspection/Service (1m) 5971                           | COMP | PM   |
| Workplace Inspection - DS Silica- 1m - 5971                              | COMP | OPER |
| 5971 0326 Casselman Chemical Systems - Potassium Tank Fix                | COMP | CAP  |
| Call Back - Casselman Distribution - 1553 - Low free Chlorine            | COMP | CALL |

## Monthly Work Order Summary – April 2026

### Casselman Wastewater Treatment & Collection System

| Description                                                          | Status | Work Type |
|----------------------------------------------------------------------|--------|-----------|
| Generator Inspection (1m) SPS #1 1501                                | COMP   | PM        |
| Generator Inspection (1m) SPS #2 1501                                | COMP   | PM        |
| Generator Inspection (1m) SPS #3 1501                                | COMP   | PM        |
| Generator Inspection (1m) SPS #5 1501                                | COMP   | PM        |
| Generator Inspection (1m) SPS #6 1501                                | COMP   | PM        |
| Generator Inspection Lagoon (1m) 1501                                | COMP   | PM        |
| Analyzer Turbidity Inspection/Service (1m) 1501                      | COMP   | PM        |
| PANEL ALARM/DIALER TEST SPS#4 (1m) 1501                              | COMP   | PM        |
| Monthly H&S Equipment Check (1m) - 1501                              | COMP   | PM        |
| Blower Inspection/Service (1m/1y) 1501                               | COMP   | PM        |
| Blower Inspection/Service (1m/1y) 1501                               | COMP   | PM        |
| Blower Inspection/Service (1m/1y) 1501                               | COMP   | PM        |
| Blower Inspection/Service (1m/1y) 1501                               | COMP   | PM        |
| Blower Inspection/Service (1m/1y) 1501                               | COMP   | PM        |
| Bar Screen Inspection (1m) 1501                                      | COMP   | PM        |
| PANEL ALARM/DIALER TEST SPS#6 (1m) - 1501                            | COMP   | PM        |
| PANEL ALARM/DIALER TEST SPS#3 (1m) - 1501                            | COMP   | PM        |
| PANEL ALARM/DIALER TEST SPS#2 (1m) - 1501                            | COMP   | PM        |
| PANEL ALARM/DIALER TEST SPS#5 (1m) - 1501                            | COMP   | PM        |
| PANEL ALARM/DIALER TEST SPS#1 (1m) - 1501                            | COMP   | PM        |
| PANEL ALARM/DIALER TEST LAGOON (1m) - 1501                           | COMP   | PM        |
| Specific ECA - Bypass (3m) - 1501                                    | COMP   | PM        |
| Quarterly H&S Equipment Check (1m) - 1501                            | COMP   | PM        |
| PDM (WISKI) Data Entry and Review-Ops (1m) 1501                      | COMP   | PM        |
| Sampling and Testing (1m) 1501                                       | COMP   | PM        |
| Workplace Inspection (1m) - 1501                                     | COMP   | OPER      |
| Annual Health & Safety Inspection Findings - Casselman Sewage - 1501 | COMP   | OPER      |
| Call back - Casselman - 1501 - Power Outage                          | COMP   | CALL      |

# Appendix C

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## Locate Summary



## Casselman Monthly Locate Summary – April 2026

| Description                                                | Status | Work Type |
|------------------------------------------------------------|--------|-----------|
| Locate Casselman WDS 1553 - 2026148188 Dubois #1           | COMP   | OPER      |
| Locate Casselman WDS 1553 - 2026148243 Dubois #2           | COMP   | OPER      |
| Locate Casselman WDS 1553 - 2026148307 Dubois #3           | COMP   | OPER      |
| Locate Casselman WDS 1553 - 2026148375 Dubois #4           | COMP   | OPER      |
| Locate Casselman WDS 1553 - 2026148419 Dubois #5           | COMP   | OPER      |
| Locate Casselman WDS 1553 - 2026148462 Dubois #6           | COMP   | OPER      |
| Locate Casselman WDS 1553 - 2026148146 793 Heron           | COMP   | OPER      |
| Locate Casselman WDS 1553 - 2026148114 863-865 Principale  | COMP   | OPER      |
| Locate Casselman WDS 1553 - 2026149266 lot 39 Argile       | COMP   | OPER      |
| Locate Casselman WDS 1553 - 2026155328- 538 Barrage        | COMP   | OPER      |
| Locate Casselman WDS 1553 - 20261516342- 710 Yvon          | COMP   | OPER      |
| Locate Casselman WDS 1553 - 2026159615- Castongauy Storage | COMP   | OPER      |
| Locate Casselman WDS 1553 - 2026157495- 731 des eppinette  | COMP   | OPER      |
| Locate Casselman WDS 1553 - 20261419647- 815 St isidore    | COMP   | OPER      |
| Locate Casselman WDS 1553 - 20261523238- 1 industrial      | COMP   | OPER      |
| Locate Casselman WDS 1553 - 20261520333- Carpe             | COMP   | OPER      |
| Locate Casselman WDS 1553 - 2026167474 728 des chennes     | COMP   | OPER      |
| Locate Casselman WDS 1553 - 2026167481 726 des chennes     | COMP   | OPER      |
| Locate Casselman WDS 1553 - 2026169455 703 des Ceders      | COMP   | OPER      |
| Locate Casselman WDS 1553 - 20261610266 11 Richer          | COMP   | OPER      |
| Locate Casselman WDS 1553 - 20261620913 Laval/marquette    | COMP   | CAP       |
| Locate Casselman WDS 1553 - 20261719308- Argile 40-41-42   | COMP   | CAP       |
| Locate Casselman WDS 1553 - 20261716363- 1 Vanessa         | COMP   | CAP       |
| Locate Casselman WDS 1553 - 20261713686- 35 dessnoyer      | COMP   | CAP       |
| Locate Casselman WDS 1553 - 20261713704-818 Laval          | COMP   | CAP       |
| Locate Casselman WDS 1553 - 20261713709-676 des abres      | COMP   | CAP       |
| Locate Casselman WDS 1553 - 2026172630- 53 Percy           | COMP   | CAP       |
| Locate Casselman WDS 1553 - 2026174056- 793 Aurelle        | COMP   | CAP       |
| Locate Casselman WDS 1553 - 20261215768- 793 Aurelle#2     | COMP   | CAP       |
| Locate Casselman WDS 1553 - 2026179510- 640 Conservation   | COMP   | CAP       |
| Locate Casselman WDS 1553 - 2026181261- 675 St isidore     | COMP   | CAP       |
| Locate Casselman WDS 1553 - 2026180531- 819 St isidore     | COMP   | CAP       |
| Locate Casselman WDS 1553 - 20261730630- 301 Dore          | COMP   | CAP       |
| Locate Casselman WDS 1553 - 20261725573- 5 Fillon          | COMP   | CAP       |
| Locate Casselman WDS 1553 - 2026187196- 676 des Abres      | COMP   | CAP       |
| Locate Casselman WDS 1553 - 2026187184- 22-24 Alice        | COMP   | CAP       |
| Locate Casselman WDS 1553 - 2026187161 24 Alice            | COMP   | CAP       |
| Locate Casselman WDS 1553 - 2026185251 - 1 Industrial      | COMP   | CAP       |
| Locate Casselman WDS 1553 - 2026183864 - 222 Argile        | COMP   | CAP       |
| Locate Casselman WDS 1553 - 2026180537 - 54 Faucher        | COMP   | CAP       |
| Locate Casselman WDS 1553 - 2026185320- Splash Pad         | COMP   | CAP       |

## Casselman Monthly Locate Summary – April 2026

|                                                         |      |     |
|---------------------------------------------------------|------|-----|
| Locate Casselman WDS 1553 - 20261624512- 150 Laurier    | COMP | CAP |
| Locate Casselman WDS 1553 - 20261624512- 219-233 Carpe  | COMP | CAP |
| Locate Casselman WDS 1553 - 20261817944- 259-263 Carpe  | COMP | CAP |
| Locate Casselman WDS 1553 - 20261817988- 793 Aurelle    | COMP | CAP |
| Locate Casselman WDS 1553 - 2026173067- Force Main #1   | COMP | CAP |
| Locate Casselman WDS 1553 - 2026173710- Force Main #2   | COMP | CAP |
| Locate Casselman WDS 1553 - 2026178638- Force Main #3   | COMP | CAP |
| Locate Casselman WDS 1553 - 2026179162- Force Main #4   | COMP | CAP |
| Locate Casselman WDS 1553 - 2026179522- Force Main #5   | COMP | CAP |
| Locate Casselman WDS 1553 - 2026179742- Force Main #6   | COMP | CAP |
| Locate Casselman WDS 1553 - 20261819875- Dubois Lot #2  | COMP | CAP |
| Locate Casselman WDS 1553 - 20261819912- Dubois Lot #18 | COMP | CAP |
| Total                                                   |      | 53  |