

Memorandum to the Council of Corporation of the Municipality of Temagami

Subject: Water and Wastewater Systems Q1 Operations Report

Memo No: 2025-M-131

Date: June 12, 2025

Attachment: [Appendix A – OCWA’s Q1 2025 Water & Wastewater Systems Operations Report](#)

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Recommendation

BE IT RESOLVED THAT Council receives Memo 2025-M-131 as presented.

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1. Executive Summary

This report summarizes water and wastewater operations for Q1 2025 (January 1 to March 31, 2025), as detailed in the Ontario Clean Water Agency's (OCWA) Quarterly Operations Report (Appendix A). The Municipality's systems maintained full regulatory compliance during this period, with prompt resolution of a minor sewage spill in Temagami South. Key activities included infrastructure upgrades, preventative maintenance, and flow monitoring across all systems.

2. Regulatory Compliance

- Reportable Event: On February 18, 2025, a sewage spill (~4 m³) occurred at 6 Lakeshore Drive (Temagami South) due to insulation obstructing a grinder pump valve. The spill was contained, cleaned, and disposed of at the South Lagoon.
- All required reports were submitted on time to MECP and Environment Canada, including:
 - 2024 Annual Drinking Water Summary Reports (submitted February 7, 2025)
 - 2024 Lagoon and Collection System Annual Reports (submitted March 27, 2025)
 - Quarterly effluent discharge and overflow reports

3. Water and Wastewater Monitoring

- Drinking Water: All samples met regulatory standards under Ontario Regulation 170/03.
- Wastewater: Effluent quality remained within compliance under the applicable ECAs and WSER.
- Notable Events:
 - Temagami North Lagoon exceeded its peak flow design (1200 m³/day) on March 16 due to rainfall and snowmelt.

- A low chlorine residual at Temagami South WTP on February 25 required a CT calculation; disinfection targets were met.

4. Capital & Maintenance Activities

All scheduled maintenance was completed using OCWA's Maximo system.

- Temagami North
 - Drinking Water: Replaced chlorine analyzer, filter floats, and modified soda ash tank setup
 - Lagoon: Installed sump pump, upgraded bar screen, added intrusion system at Cedar Ave SPS
- Temagami South
 - Drinking Water: Replaced hypochlorite dosing switch and raw pH probe
 - Lagoon: Emergency response completed for February 18 sewage spill

5. Operational Call-Outs

A total of eight (8) operational call-outs occurred and detailed logs are included in Appendix B of the OCWA Report:

- Temagami North WTP: 3 (e.g., turbidity alarm, chemical pump failure, power flicker)
- Temagami South WTP: 3 (e.g., low chlorine alarms, chemical pump airlock)
- Temagami South Lagoon: 2 (sewer shut-offs at Lakeshore Drive)

6. Health and Safety

- No health or safety incidents occurred this quarter.
- Training completed:
 - WHMIS (January)

- Hot Work Management (February)
- Chlorine Safety and First Aid/CPR (March)

7. Conclusion

The Municipality's water and wastewater systems were operated safely and in compliance with all regulatory requirements in Q1 2025. Incidents were effectively managed and resolved, and infrastructure upgrades continue to support service reliability and public safety.

Appendix A

For full details, please refer to OCWA's complete Q1 2025 Operations Report, available at the following link: <https://www.temagami.ca/public/download/files/268858>