

Region of Waterloo
Engineering and Environmental Services
Water and Wastewater Operations

To: Sustainability, Infrastructure, and Development Committee

Meeting Date: March 4, 2025

Report Title: Updated Water Operational Plans Endorsement

1. Recommendation

That the Regional Municipality of Waterloo endorse the updated Water Operational Plans for the new Petersburg Drinking Water Supply System, and the modified St. Clements-Heidelberg Operational Plans as outlined in Report EES-WWO-25-001, dated March 4, 2025.

2. Purpose / Issue:

Operational Plans under the Region's Drinking Water Quality Management System (DWQMS) require Top Management and Council endorsement.

3. Strategic Plan:

This report aligns with the Corporate Strategic Pillar of Climate Aligned Growth.

4. Report Highlights:

- In 2024, the Ministry of the Environment Conservation and Parks (MECP) issued the Region a Notice of Intention to Issue an Order under Section 114 of the Safe Drinking Water Act (SDWA). The Notice required the Region to take charge of, operate, and maintain the Petersburg non-municipal, year-round residential water system. A Drinking Water Works Permit (DWWP) was issued, an operational plan was developed, significant upgrades were completed to the supply facility, and ownership was transferred from the private owner to the Region.
- In 2024 a watermain was constructed connecting the Heidelberg and St. Clements distributions systems, resulting in a modification of the St. Clements Operational Plan to include the Heidelberg distribution system, and the end dating of the Heidelberg waterworks.

5. Background:

Operational Plans under the Region's Drinking Water Quality Management System

(DWQMS) require Top Management and Council endorsement. As per Appendix C, Top Management has endorsed the operational plans. It is recommended Council, as the drinking water system owner, endorse the modified operational plans (Appendices A and B)

6. Communication and Engagement with Area Municipalities and the Public

Area Municipalities: The Operational Plans were completed in co-ordination with the impacted Townships: (Woolwich for St. Clements-Heidelberg, and Wilmot for Petersburg).

Public: Operational Plans are available to the public upon request.

7. Financial Implications:

Nil.

8. Conclusion / Next Steps:

Staff recommends Council endorse the updated Water Operational Plans for the new Petersburg Drinking Water Supply System, and the modified St. Clements-Heidelberg Operational Plans.

9. Attachments:

Appendix A: Petersburg Operational Plan

Appendix B: St. Clements Heidelberg Operational Plan

Appendix C: Top Management Endorsement of Operational Plans

Prepared By: Ryan Snider, Manager of Water Operations and Maintenance

Reviewed By: Mari MacNeil, Director, Water and Wastewater Infrastructure
Management

Amy Shaw, Director, Water and Wastewater Operations

Approved By: Jennifer Rose, Commissioner, Engineering and Environmental Services