



THE CORPORATION OF THE TOWN OF AMHERSTBURG

OFFICE OF ENGINEERING & INFRASTRUCTURE SERVICES

Mission Statement: As stewards of the Town of Amherstburg, we strive to improve the quality of life of all residents through the delivery of effective, efficient, and affordable services.

Author's Name: Dwayne Grondin	Report Date: March 28, 2025
Author's Phone: 519 736-3664 ext. 2314	Date to Council: April 28, 2025
Author's E-mail: dgrondin@amherstburg.ca	Resolution #:

To: Mayor and Members of Town Council

Subject: Amherstburg Water Treatment Plant Submission of the 2024 Annual Summary Report

1. RECOMMENDATION:

It is recommended that:

1. The report from the Manager of Environmental Services dated March 28, 2025 regarding the Amherstburg Water Treatment Plant Submission of the 2024 Annual Summary Report **BE RECEIVED for information.**

2. BACKGROUND:

Pursuant to Section 11 and Schedule 22 of Ontario Regulation 170/03 of the Safe Drinking Water Act an Annual Summary Report must be prepared for a municipal drinking water system. There are two regulated requirements for the Annual Summary Report. The first is to identify non-compliance incidences and corrective actions taken. The second is to identify actual quantity and flow rates of water supplied from the Amherstburg Water Treatment Plant and compare them to the approved design quantity and flow rates. Further, it is a requirement that this report be placed on the Town's website for Public information.

3. DISCUSSION:

The Ontario Clean Water Agency (OCWA) has prepared and supplied to the Town the 2024 Annual Summary Report for the Amherstburg Water Treatment Plant. The report has been prepared in accordance with the format as prescribed under Schedule 22 of

Ontario Regulation 170/03 and therefore meets the regulatory requirements for compliance reporting under the Safe Drinking Water Act.

The annual summary report must list the requirements of the Safe Drinking Water Act, the regulations, Certificates of Approvals, Drinking Water Works Permits and Licences, and any orders that the system failed to meet. For any non-compliance incidences, there must be a list of measures that were taken to correct the issue. The report must also include quantities and flow rates of the water supplied, and compare these quantities and rates to the rated capacity and flow rates approved in the Drinking Water License for the Amherstburg Water Treatment Plant.

A) NON-COMPLIANCE ISSUES

Table 2 on Page 2 of the attached Annual Summary Report summarizes non-compliances incidences.

Drinking Water Legislation	Requirement(s) the system failed to meet	Measures taken to correct the failure	Status (complete or outstanding)
SDWA O. Reg. 170/03 17-6	Corrective actions per Schedule 17 of O. Reg. 170/03, including any other steps that were directed by the Medical Officer of Health, were not taken to address adverse conditions	There was a total coliform result of 53 cfu/100ml in January 2024 where the required corrective actions were not taken. The local health unit advised the operating authority to only resample from one location instead of the required three locations. As per Schedule 17-6 of Schedule 17, of O. Reg. 170/03, if a report is required to be made under section 18 of the Safe Drinking Water Act in respect of total coliforms, the owner of the drinking water system and the operating authority for the system shall ensure that they resample and test as soon as reasonably possible by sampling the location of the original adverse and upstream and downstream of that location	Complete
SDWA 31 (1)	The owner did not have evidence that the required notifications from the Municipal Drinking Water Licence and Drinking Water Works Permit to all legal owners associated with the drinking water system were made.	The owner shall notify all legal owners associated with the drinking water system (e.g., developers that own subdivisions that have not yet been transferred to the municipality) of the requirements of the Municipal Drinking Water Licence and Drinking Water Works Permit as noted in Condition 2.7 of Schedule B of the DWWP. Compliance with this requirement will be assessed at the next inspection. The owner indicated that for future developments, the MDWL & DWWP requirements will be discussed at the preconstruction meeting.	Complete

B) FLOW RATE COMPARISON

Table 3 on Page 3 of the attached Annual Summary Report shows a comparison of the quantities and flow rates of the water supplied by the Amherstburg Water Treatment Plant to the rated capacity and flow rates approved in the Drinking Water Works Permit and Drinking Water License. The raw flow rates are shown in liters/day while the treated flow rates are listed in m3/day which corresponds to the units of measure in the Drinking Water License, Drinking Water Works Permit and Permit to Take Water.

Flow	Requirement	Rated Capacity	Maximum Flow Rate Obtained	Date of the Maximum Flow
Raw Flow	Permit to Take Water (#4844-AY7KHA)	22,900,000 L/d	16,484,000 L/d	June 17, 2024
		15,903 L/min	12,703 L/min	June 17, 2024
Treated Flow	MDWL #026-101	18,184 m3/d	14,021 m3/d	June 15, 2024

4. RISK ANALYSIS:

The Annual Summary Report is a mandatory report under the Safe Water Drinking Act, failure to report findings could result in punitive actions from the Ministry of the Environment, Conservation and Parks.

5. FINANCIAL MATTERS:

There are no financial implications related to the Annual Summary Report findings for 2024.

6. ASSET MANAGEMENT IMPACTS:

N/A

7. CONSULTATIONS:

The Process & Compliance Technician from the Ontario Clean Water Agency has prepared the Annual Summary Report.

8. CORPORATE STRATEGIC ALIGNMENT:

Vision: Preserving our past while forging our future.

<i>Amherstburg Community Strategic Plan 2022 - 2026</i>	
PILLAR 1 Deliver Trusted & Accountable Local Government	PILLAR 3 Encourage Local Economic Prosperity
<ul style="list-style-type: none">✓ Improve trust between council and staff, and residents, by strengthening governance and internal accountability structures.<input type="checkbox"/> Deliver transparent and efficient financial management.<input type="checkbox"/> Increase effective communication and engagement with residents.<input type="checkbox"/> Develop our staff team, resources, and workplace culture.✓ Continue to deliver strong core municipal services.	<ul style="list-style-type: none"><input type="checkbox"/> Encourage development of commercial and industrial lands.<input type="checkbox"/> Continue to promote local tourism industry, especially overnight accommodation.<input type="checkbox"/> Continue to facilitate downtown development for residents and visitors.<input type="checkbox"/> Continue to leverage partnership opportunities with other provincial, federal, and local governments, agencies, and organizations.

<input type="checkbox"/> Ensure Amherstburg is an inclusive accessible and welcoming community committed to reconciliation.	
<p style="text-align: center;">PILLAR 2</p> <p style="text-align: center;">Invest in Community Amenities and Infrastructure</p> <ul style="list-style-type: none"> ✓ Maintain safe, reliable and accessible municipal infrastructure and facilities. <input type="checkbox"/> Increase access to recreation opportunities for all ages. <input type="checkbox"/> Finalize and execute plans for town-owned lands (e.g. Duffy's site, Belle Vue) <input type="checkbox"/> Create public access to water and waterfront <input type="checkbox"/> Prioritize opportunities to reduce environmental impacts of Town operations and increase Town resilience to climate change. 	<p style="text-align: center;">PILLAR 4</p> <p style="text-align: center;">Shape Growth Aligned with Local Identity</p> <ul style="list-style-type: none"> <input type="checkbox"/> Define and communicate a vision for the Town's future and identity. <input type="checkbox"/> Promote and plan for green and "climate change ready" development. <input type="checkbox"/> Review and implement policies that promote greater access to diverse housing. <input type="checkbox"/> Protect the Town's historic sites and heritage. <input type="checkbox"/> Preserve the Town's greenspaces, agricultural lands, and natural environment.

9. CONCLUSION:

This report is provided to Council for informational purposes.



Dwayne Grondin
Manager of Environmental Services

DG

Report Approval Details

Document Title:	Amherstburg Water Treatment Plant Submission of the 2024 Annual Summary Report.docx
Attachments:	- Schedule 22 Annual Summary Report - 2024.pdf
Final Approval Date:	Apr 2, 2025

This report and all of its attachments were approved and signed as outlined below:



Antonietta Giofu



Tracy Prince



Valerie Critchley



Kevin Fox