



Ontario Clean Water Agency
Agence Ontarienne Des Eaux

Annual Summary Report

February 16, 2024

Antonietta Giofu
Director of Engineering & Public Works
Corporation of the Town of Amherstburg
P.O. Box 159
271 Sandwich St. S,
Amherstburg, Ontario
N9V 2Z3

Dear Mrs. Giofu:

Re: Safe Drinking Water Act. O. Reg. 170/03 Schedule 22 Summary Report

Enclosed is the 2023 Summary Report for the Amherstburg Water Treatment Plant. This report has been completed based on the information obtained from the water treatment plant records and in accordance with Schedule 22 of O. Reg. 170/03, under the Safe Drinking Water Act, which requires a Summary Report to be prepared not later than March 31st of each year for the preceding calendar year. This report covers the period of January 1, 2023 to December 31, 2023.

Please remember that any Orders that you have received directly from the MECP should be reviewed. Where non-compliance with the Order is evident and it is not included in the attached 2023 Summary Report, then we recommend that this information be added to the Summary Report. Note: Schedule 22-2 (a) specifies that the summary report is given to, in the case of a drinking water system owned by a municipality, the members of the municipal council for the Town of Amherstburg, and is not intended for distribution to the Ministry of the Environment.

After your review and inclusion of any additional information, this Summary Report is to be provided to the members of the municipal council. Please ensure this distribution.

Section 12 of O. Reg. 170/03, requires the Summary Report be made available for inspection by any member of the public during normal business hours, without charge. The report should be made available for inspection at the office of the municipality, or at a location that is reasonably convenient to the users of the water system.

Please find enclosed report. If you have any questions, please feel free to contact Senior Operations Manager, Dan Rawlins or myself at (519) 613-5542.

Sincerely,

A handwritten signature in black ink, appearing to read 'Liiban Mohamud', with a horizontal line extending to the right.

Liiban Mohamud
Process & Compliance Technician
Amherstburg/LaSalle Cluster (Essex Region)
Ontario Clean Water Agency

cc: Dwayne Grondin, Manager of Environmental Services, Town of Amherstburg
Dave Jubenville, Regional Manager, OCWA
Dan Rawlins, Senior Operations Manager, OCWA
Terry Korman, Senior Operations Manager, OCWA
Kassidy Bowden, Safety Process and Compliance Manager, OCWA

This report is a summary of water quality information for the Amherstburg WTP, published in accordance with Schedule 22 of Ontario's Drinking-Water Systems Regulation for the reporting period of January 1, 2023 to December 31, 2023. The Amherstburg WTP is categorized as a Large Municipal Residential Drinking Water System.

This report was prepared by The Ontario Clean Water Agency on behalf of The Corporation of the Town of Amherstburg.

The report must,

- (a) list the requirements of the Act, the regulations, the system's approval and any order that the system failed to meet at any time during the period covered by the report and specify the duration of the failure; and
- (b) for each failure referred to in clause (a), describe the measures that were taken to correct the failure.

Table 1 lists the non-compliance with the Safe Drinking Water Act, Regulation 170/03, PTTW, MDWL and DWWP during 2023 for the Amherstburg WTP.

Table 1

Drinking Water Legislation	Requirement(s) the system failed to meet	Measures taken to correct the failure	Status (complete or outstanding)
There were no known Non-compliances for 2023			

The report must also include the following information for the purpose of enabling the owner of the system to assess the capability of the system to meet existing and planned uses of the system:

1. A summary of the quantities and flow rates of the water supplied during the period covered by the report, including monthly average and maximum daily flows and daily instantaneous peak flow rates.

Please find below on page 2, the quantities and flow rates of the water withdrawn from the Detroit River and treated/distributed from the Amherstburg WTP during 2023.

2. A comparison of the summary referred to in paragraph 1 to the rated capacity and flow rates approved in the system's approval.

By comparison found in table 2, the raw water and treated water flows did not exceed the legislative requirement. The treated flow was 86.7% of the rated capacity for the reporting period.

Table 2

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	17,516,000 L/d	June 3, 2023
		15,903 L/min	12,602 L/min	June 2, 2023
Treated Flow	MDWL #026-101	18,184 m3/d	15,769 m3/d	June 3, 2023

Facility Flow Summary

Drinking-Water System Number: 210000149
 Drinking-Water System Name: AMHERSTBURG DRINKING WATER SYSTEM
 Drinking-Water System Owner: Title Holder: Municipality
 Drinking-Water System Category: Large Municipal Residential
 Municipal Drinking Water License: 026-101
 Period being reported: January-23 December-23

Month	<u>Raw Water</u>				Number of Days of Water Taking	<u>Treated Water</u>		
	Monthly Flow Total (m3/month)	Daily Flow Average (m3/day)	Daily Flow Maximum (m3/day)	Daily Flow Peak Flow Rate (L/min)		Monthly Flow Total (m3/month)	Daily Flow Average (m3/day)	Daily Flow Maximum (m3/day)
Jan	255758	8250.26	11628	8286	31	232021	7484.55	8855
Feb	231392	8264	9120	6476	28	208218	7436.36	8254
Mar	263744	8507.87	9750	7290	31	239837	7736.68	8708
Apr	262686	8756.2	10030	7272	30	242938	8097.93	8950
May	334403	10787.19	14514	10506	31	321153	10359.77	14185
Jun	372718	12423.93	17516	12602	30	357484	11916.13	15769
Jul	325138	10488.32	12568	10030	31	311055	10034.03	12100
Aug	324728	10475.1	12898	9765	31	311324	10042.71	11813
Sep	301680	10056	11832	8740	30	289199	9639.97	12360
Oct	274751	8862.94	10920	7694	31	259296	8364.39	9917
Nov	250089	8336.3	9452	7604	30	229207	7640.23	8568
Dec	266471	8595.84	11210	7967	31	236715	7635.97	8390
Total	3463558	113804	141438	104232	365	3238447	106388.7	127869
Avg	288629.8	9489.2	11786.5	8686	30	269870.6	8872.46	10655.75
Max	372718	12423.93	17516	12602	31	357484	11916.13	15769

Report Submitted By: Liiban Mohamud
Process & Compliance Technician
Amherstburg/LaSalle Cluster (Essex Region)
Ontario Clean Water Agency

Signature:  **Date** February 16, 2024

Received By: Antonietta Giofu

Signature  **Date** March 25, 2024

Confirmed By Resolution of Council:

Signature _____ **Date** _____