

SUMMARY REPORTS FOR MUNICIPALITIES

Report

This report is a summary of water quality information for the Amherstburg Water Treatment Facility, published in accordance with Schedule 22 (attached) of Ontario's Drinking-Water Systems Regulation 170/03 for the reporting period of January 1, 2005 to December 31, 2005. The Amherstburg WTF 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.

Who gets a copy of the Report?

- in the case of a drinking-water system owned by a municipality, the members of the municipal council;
- in the case of a drinking-water system owned by a municipal service board established under section 195 of the *Municipal Act, 2001*, the members of the municipal service board; or
- in the case of a drinking-water system owned by a corporation, the board of directors of the corporation.

What must the Report contain?

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.

The following table lists the requirements that the system failed to meet and the measures taken to correct the failure:

Drinking Water Legislation	List the requirement(s) the system failed to meet	Specify the duration of the failure (i.e. date(s))	Describe the measures taken to correct the failure	Status (complete or outstanding)
Safe Drinking Water Act	None to report			
Ontario Regulations (eg. O.Reg 170/03, O.Reg 435/93, O.Reg 903	None to report			
System Certificate of Approval #8120-53VMF5	The exceedance of the flow daily maximum capacity identified in Certificate of Approval.	July 11, 2005	1. A Water Conversation Program is still effective to help reduce the peak consumption; 2. Monitoring and reviewing water consumption, weather temperature and precipitation on a daily basis in the summer months. 3. A total lawn-watering ban is being considered for implementation if required.	Completed on July 11, 2005.
Provincial Officer's Order	None to report			

What else must the Report contain?

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.

Attached please find a copy of the quantities and flow rates report of the water supplied for Amherstburg WTF during 2005.

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, the rated capacity and flow rates for raw flow did not exceed the requirement. For treated water, flow capacity set in Cof A was exceeded in one day, July 11, 2005 (see details on Page 1).

Flow	Maximum Daily Flow	Max. Allowed	Maximum Flow Rate	Max. Allowed
2005	Maximum Day	Maximum amount taken per day	Maximum Litres/Minute	Maximum amount taken per minute
Raw Flow	21,320 m ³ /d	22,900,000 l/d Permit to Take Water (#02-P-1254)	15,349 l/min	15,903 l/min Permit to Take Water (#02-P-1254)
Treated Flow	18,920 m ³ /d	18,184 m ³ /d Cof A (#8120-53VMF5)	-	-

What Does the Report Mean?

What this report is showing is that all requirements for water taking were met. On July 11 the treated water leaving the water treatment plant exceeded the Certificate of Approval. All required submissions and reporting were carried out and no further action is required.

When Does the Report Get Submitted?

If a report is prepared for a system that supplies water to a municipality under the terms of a contract, the owner of the system shall give a copy of the report to the municipality by March 31.

End



Ontario Clean Water Agency
Monthly Process Data Report

Printed on: 1/30/2006
d_monthlyprocessrep

Municipality: Town of Amherstburg formely (Twp of Malden, Twp of Anderdon, Town of Amherstburg)
 Facility: [5819] - Amherstburg Water Treatment Plant & Distribution System
 Works: [210000149] - Amherstburg Water Treatment Plant & Distribution System
 Classification: Class 3 Water Distribution, Class 4 Water Treatment
 Water Source: Detroit River

Period: 01/01/2005 to 12/31/2005
 Serviced Population: 20,599
 Total Design Capacity(m³/day): 18,184.0

	Jan/2005	Feb/2005	Mar/2005	Apr/2005	May/2005	Jun/2005	Jul/2005	Aug/2005	Sep/2005	Oct/2005	Nov/2005	Dec/2005	<-- Summary -->
Raw Water\Flows - Raw Water													
Raw Flow: Sum (m3/d)													
Cnt	31.0	28.0	31.0	30.0	31.0	30.0	31.0	31.0	30.0	31.0	30.0	31.0	365.0
Avg	8,901.29	8,732.179	8,663.645	9,526.9	10,831.032	15,677.933	14,658.645	14,470.516	12,363.633	10,627.258	9,970.067	9,952.0	11,210.666
Min	7,880.0	7,751.0	6,960.0	7,270.0	8,610.0	10,670.0	9,930.0	10,756.0	8,740.0	9,310.0	8,205.0	8,879.0	6,960.0
Max	9,350.0	9,291.0	10,310.0	14,390.0	13,828.0	19,870.0	20,360.0	21,320.0	15,830.0	11,620.0	11,040.0	11,263.0	21,320.0
Raw Flow: Peak (L/min)													
Cnt	31.0	28.0	31.0	30.0	31.0	30.0	31.0	31.0	30.0	31.0	30.0	31.0	365.0
Avg	6,181.452	6,064.013	6,016.42	6,615.903	7,521.55	11,767.833	12,624.194	11,160.097	9,292.867	7,686.71	7,467.2	7,297.871	8,321.215
Min	5,472.222	5,382.639	4,833.333	5,048.611	5,979.167	10,187.0	7,563.0	7,544.0	7,376.0	7,041.0	6,523.0	6,835.0	4,833.333
Max	6,493.056	6,452.083	7,159.722	9,993.056	9,602.778	13,970.0	15,280.0	15,349.0	11,002.0	8,311.0	8,705.0	7,917.0	15,349.0
Treated Water\Flows - Treated Water													
Treated Flow (m3/d)													
Cnt	31.0	28.0	31.0	30.0	31.0	30.0	31.0	31.0	30.0	31.0	30.0	31.0	365.0
Avg	7,789.677	7,515.036	7,234.601	8,477.4	9,287.839	14,579.133	14,242.71	13,213.613	11,196.4	9,407.194	8,637.833	8,363.226	10,007.804
Min	7,320.0	6,910.0	7,624	7,120.0	1,038.0	10,324.0	10,594.0	10,228.0	8,930.0	8,601.0	7,953.0	7,754.0	7,624
Max	8,780.0	8,170.0	8,250.0	10,350.0	12,418.0	18,184.0	18,920.0	17,645.0	14,140.0	10,090.0	9,354.0	9,103.0	18,920.0

Note: ? Calculation not verifiable. At least one result reported as < and at least one result reported >.
 -1 Analysis result less than detectable limit

Report Submitted By: Harvey Stright,
Operations Manager,
Essex West Hub, Ontario Clean Water Agency

Signature _____ **Date** _____

Received By: _____

Signature _____ **Date** _____

Confirmed By Resolution of Council:

Signature _____ **Date** _____