



**Ontario Clean Water Agency**  
**Agence Ontarienne Des Eaux**

March 22, 2010

Ms. Susan MacFarlane  
Lambton Area Water Supply System  
1215 Fort Street  
Sarnia, Ontario  
N7V 1M1

**Re: Schedule 22 Summary Report**

Attached is the 2009 Summary Report for the Lambton Area Water Supply System. This report has been completed based on the information we have in our 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 31<sup>st</sup> of each year for the preceding calendar year. This report covers the period of January 1, 2009 to December 31, 2009.

Please remember that any Orders that you have received directly from the MOE should be reviewed. Where non-compliance with the Order is evident and it is not included in the attached 2009 Summary Report, then we recommend that this information be added to the Summary Report. Note: this report is to be provided to the members of the Lambton Area Water Supply System Joint Management Board, and is not intended for distribution to the Ministry of the Environment.

After your review and inclusion of any additional information, these Summary Reports are to be provided to the members of the Lambton Area Water Supply System Joint Management Board. Please ensure this distribution.

We recently forwarded copies of the 2009 Section 11 Annual Reports for the Lambton Area Water Supply System to your attention. This report is no longer required to be submitted to the Ministry of Environment (MOE), however, it is still required to be completed and available to the public by February 28<sup>th</sup> of each year. OCWA, on behalf of The Lambton Area Water Supply System, submitted this report to your attention on February 10, 2010..

Section 12 of O. Reg. 170/03, requires both the Summary Reports and the Annual Reports to be made available for inspection by any member of the public during normal business hours, without charge. The reports 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, as indicated in the Section 11 Annual Reports.

Sincerely,

A handwritten signature in black ink, appearing to read 'Terry Bender', with a long horizontal flourish extending to the right.

Terry Bender  
Operations Manager, OCWA

## SUMMARY REPORTS FOR MUNICIPALITIES

### Report

This report is a summary of water quality information for the Lambton Area Water Supply System, published in accordance with Schedule 22 of Ontario's Drinking-Water Systems Regulation for the reporting period of January 1, 2009 to December 31, 2009. The Lambton Area Water Supply System, is categorized as a Large Municipal Residential Drinking Water System.

This report was prepared by The Ontario Clean Water Agency on behalf of the Lambton Area Water Supply System.

### 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 #.....	None to report			
Provincial Officer's Order No.	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.
2. A comparison of the summary referred to in paragraph 1 to the rated capacity and flow rates approved in the system's approval.

**Attached** please find a copy of the Annual Record of Water Taking for the Lambton Area Water Supply System which contains all required flow information.

**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.

Personal information contained on this form is collected under the authority of the Ontario Water Resources Act, Section 20. The Purpose of the form is to record details and information about the taking of water annually. Questions should be directed to the respective hub office in your area.  
Les renseignements personnels qui figurent dans le présent formulaire sont recueillis en vertu de l'article 20 de la Loi sur les ressources en eau de l'Ontario. Ce formulaire sert à dresser les détails et les renseignements concernant la prise d'eau annuelle. Prière d'adresser toutes questions au personnel du bureau régional de votre secteur.

Year(Année): 2009  
Location: RW - St. Clair River

Permit No. (N° de permis): 3657-7DJL86

Source: St. Clair River/Lake Huron

Name of Permittee: Lambton Area Water Supply System Jo

Mailing Address: 1215 Fort St, Point Edward, ON N7T 7J9

Norm du titulaire du permis

Adresse postale

Location Of Taking:  
Lieu de la prise d'eau  
1215 Fort St

Concession: Lot:

Twp. or Municipality:  
Canton ou municipalité  
Sarnia, County of Lambton

Rated Capacity(m3/day)

Peak Daily Rate Of Taking(L/Sec)

Peak Daily Rate of Taking (L/min)

Debit de pointe journalier

capacité nominale

Debit de pointe journalier

2,104.68

	Jan/2009	Feb/2009	Mar/2009	Apr/2009	May/2009	Jun/2009	Jul/2009	Aug/2009	Sep/2009	Oct/2009	Nov/2009	Dec/2009	<- Total ->	<- Avg. ->	<- Max. ->	<- Criteria ->
Total Hours of Taking	744.0	672.0	739.5	720.0	744.0	744.0	744.0	744.0	720.0	744.0	720.0	744.0	8,755.5	729.63	744.0	
Total Amt of Taking(m <sup>3</sup> )	1,606,591.0	1,444,201.0	1,557,344.0	1,554,446.6	1,773,644.0	1,824,501.0	2,022,018.0	1,931,407.0	1,818,140.0	1,580,708.0	1,510,805.0	1,487,090.0	20,110,895.6	1,675,907.97	2,022,018.0	
Avg Daily Taking(m <sup>3</sup> )	51,825.52	51,578.61	50,236.9	51,814.89	57,214.32	60,816.7	65,226.39	62,303.45	60,604.67	50,990.68	50,360.17	47,970.65	(	55,078.57	181,844.0	
%Rated Capacity(Avg. Daily Taking)	28.5	28.36	27.63	28.49	31.46	33.44	35.87	34.26	33.33	28.04	27.69	26.38				
Max Daily Flow(m <sup>3</sup> )	57,922.0	60,849.0	55,755.0	59,815.0	68,511.0	72,004.0	86,513.0	74,190.0	69,012.0	57,015.0	58,490.0	54,324.0			86,513.0	181,844.0
%Rated Capacity(Max Daily Flow)	31.85	33.46	30.66	32.89	37.68	39.6	47.58	40.8	37.95	31.35	32.16	29.87			638.35	
Avg Daily Rate of Taking(L/Sec)	602.07	596.97	581.45	603.36	660.73	703.73	758.08	721.1	701.44	590.17	585.91	555.22				
Peak Daily Rate of Taking(L/Sec)	1,063.2	719.58	1,051.19	1,053.29	1,070.69	1,175.98	1,078.8	1,089.73	1,084.13	1,093.13	749.36	737.0			1,175.98	2,104.68
%Peak Daily Rate of Taking(L/Sec)	50.52	34.19	49.95	50.04	50.87	55.87	51.26	50.83	51.51	51.94	35.6	35.02				