

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, 2005 to December 31, 2005. 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				
Ontario Regulations (eg. O.Reg 170/03, O.Reg 435/93, O.Reg 903	O. Reg.170 Schedule 6-5 (2) - recording frequency for continuous monitoring equipment . (SQL Server did not collect data)	Jan 23, 2005 (1315hr) to Jan 24, 2005 (0900hr)	SCADA system was re-booted (MOE was notified)	complete
	O. Reg.170 Schedule 7-4 (b) concentration of fluoride maintained between 0.5-0.8mg/L	Jan 3, 4,&15/05 Feb. 24/05 April 9 & 27/05 July 1/05 Nov. 4/05	Maintenance /adjustments required to chemical metering pump and associated appurtenances	complete

System Certificate of Approval #.....				
Provincial Officer's Order No.				

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.

Lambton Area Water Supply**Year: 2005****Design Volume (m3/day): 181 844****Design Flow Rate (L/sec): 2105**

	Avg Daily Volume (m3)	% of Design Volume	Max Daily Volume (m3)	% of Design Volume	Peak Flow Rate (L/sec)	% of Design Flow Rate
January	57455	32	63567	35	1135	54
February	57481	32	64299	35	1080	51
March	56152	31	63881	35	1113	53
April	57636	32	64591	36	1116	53
May	63744	35	74573	41	1118	53
June	78165	43	96461	53	1528	73
July	79782	44	101333	56	1692	80
August	76834	42	90294	50	1493	71
September	72700	40	89026	49	1481	70
October	61135	34	70509	39	1151	55
November	56467	31	71540	39	1077	51
December	57582	32	62545	34	1070	51