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, 2004 to December 31, 2004. 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) O. Reg.170 Schedule 7 Section 7-2 (3) a ..ensure a distribution sample is taken at least once a day and is immediately tested for free Cl2 residual;…etc	Feb 1, 2004 (2310hr) to Feb. 3, 2004 (1019hr) Feb. 10, 2004 (2314hr) to Feb. 11, 2004 (1328hr) April 1, 2004 (2215hr) to April 2, 2004 (1315hr) May 28, 2004 (2323hr) to May 29, 2004 (1038hr) Aug. 8, 2004 (2255hr) to Aug. 9, 2004 (0724hr) Dec. 22,2004 (2357hr) to Dec 23,2004 (0623hr) Dec. 23, 2004 No daily Cl2 grab samples collected (due to weather	Upgrade(s) to the PLC-SCADA system. (Note: the monitoring equipment is alarmed and the drinking water system is manned 24/7 A reboot procedure is in place in the event the server is not logging Note: continuous on-line monitoring was/is available within the distribution	complete Complete A non-compliance was filed Dec. 23, 2004 with the local MOE

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: 2004

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	58091	32	70287	39	1062	50
February	60190	33	85412	47	1100	52
March	57359	32	68447	38	1092	52
April	60327	33	76073	42	1144	54
May	62726	34	73216	40	1148	55
June	66551	37	82822	45	1528	73
July	72519	40	93585	51	1142	54
August	69304	38	82191	45	1146	54
September	72340	40	83123	46	1137	54
October	62843	35	73291	40	1128	54
November	57957	32	85454	47	1091	52
December	58165	32	72192	40	1089	52