

SUMMARY REPORTS FOR MUNICIPALITIES

Report

This report is a summary of water quality information for the Keene Heights Subdivision Well 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 Keene Heights Subdivision Well Supply System is categorized as a Small Municipal Residential Drinking Water System.

This report was prepared by the Ontario Clean Water Agency on behalf of the Corporation of the Township of Otonabee-South Monaghan.

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, drinking water works permit, municipal drinking water licence, and any orders applicable to the system that were not met at any time during the period covered by the report; and
- (b) for each requirement referred to in clause (a) that was not met, specify the duration of the failure and 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			
Ontario Regulations (eg. O. Reg. 170/03, O. Reg. 128/04, O. Reg. 903)	NONE			
System Certificate of Approval No. 3048-6XWRTZ	NONE			
System Permit to Take Water No. 8074-6WDRK8	NONE			
Provincial Officer's Order No.	NONE			

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.
2. A comparison of the summary referred to in paragraph 1 to the rated capacity and flow rates approved in the system’s approval, drinking water works permit or municipal drinking water licence.

Keene Heights Subdivision Well Supply System – Well #4 - 2009 Flow Data				
Month	Total Flow (m ³ /month)	Average Monthly Flow (m ³ /month)	Max. Daily Flow (L/sec)	C of A Max. Design Capacity Flow Rate (L/sec)
January	829.09	26.75	0.76	0.76
February	731.29	26.12	0.76	0.76
March	830.88	26.80	0.76	0.76
April	814.00	27.13	0.76	0.76
May	962.34	31.04	0.76	0.76
June	1,040.04	34.67	0.80	0.76
July	1,132.00	36.52	0.77	0.76
August	900.00	29.03	0.77	0.76
September	846.00	28.20	0.77	0.76
October	863.92	27.87	0.77	0.76
November	768.78	25.63	0.77	0.76
December	840.77	27.12	0.76	0.76

The above table shows that the maximum instantaneous peak flow rate approved in the Keene Heights Certificate of Approval was exceeded in June, July, August, September, October and November 2009. Well pump start ups caused instantaneous spikes of the peak flow rate. These instantaneous spikes of the peak flow rate were not indicative of the actual flow rate being supplied to the system. There were no exceedances of the maximum design rated capacity for the treatment system.

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.