

## SUMMARY REPORTS FOR MUNICIPALITIES

### Report

This report is a summary of water quality information for the Elgeti and Crystal Springs Subdivisions Drinking Water System published in accordance with Schedule 22 of Ontario's Drinking-Water Systems Regulation for the reporting period of January 1, 2010 to December 31, 2010. The Elgeti and Crystal Springs Subdivisions Drinking Water 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 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.
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### 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. 0543-6Y7PU9 & 6460-84FNRG	NONE			

System Municipal Drinking Water Licence No. 252-102	NONE			
System Drinking Water Works Permit No. 252-202	NONE			
System Permit to Take Water No. 4157-6VSK5G	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.

<b>Elgeti and Crystal Springs Subdivisions Drinking Water System – Well No. 2 - 2010 Raw Water Flow Data</b>				
Month	Total Flow (m <sup>3</sup> /month)	Average Monthly Flow (m <sup>3</sup> /month)	Max. Daily Flow (L/min)	C of A Max. Design Capacity Flow Rate (L/min)
January	3,555	115	294	375
February	2,883	103	290	375
March	3,236	104	292	375
April	3,535	118	298	375
May	4,637	150	296	375
June	3,634	121	285	375
July	4,418	143	286	375
August	4,196	135	284	375
September	3,305	110	283	375
October	2,983	96	290	375
November	2,770	92	298	375
December	3,052	99	303	375

The Elgeti and Crystal Springs Subdivision Drinking Water System operated under the Certificates of Approval No. 0543-6Y7PU9 and 6460-84FNRG from January to October 13, 2010, both of which stated that the drinking-water system shall not be operated to exceed the rated capacity for the maximum flow rate INTO the treatment system. As such the above table provides a summary and comparison of the quantities and flow rates of the raw water supplied into the treatment system for the reporting period. Then on October 13, 2010, Municipal Drinking Water Licence No. 252-102 was issued. Condition 1.1 Rated Capacity states that the maximum daily volume of treated water that flows from the treatment subsystem to the distribution system shall not exceed the rated capacity specified. As such, the table below provides a

summary and comparison of the quantities and flow rates of the treated water supplied to the distribution system for the reporting period.

<b>Elgeti and Crystal Springs Subdivisions Drinking Water System – 2010 Treated Water Flow Data</b>				
Month	Total Flow (m <sup>3</sup> /month)	Average Monthly Flow (m <sup>3</sup> /month)	Max. Daily Flow (m <sup>3</sup> /d)	Municipal Drinking Water Licence Max. Design Capacity Flow Rate (m <sup>3</sup> /d)
January	3,069	99	133	540
February	2,453	88	100	540
March	2,638	85	107	540
April	2,930	98	136	540
May	3,852	124	213	540
June	3,066	102	134	540
July	3,715	120	144	540
August	3,575	115	152	540
September	2,816	94	118	540
October	2,532	82	99	540
November	2,372	79	96	540
December	2,623	85	97	540

The above tables show that there were no exceedances of the rated capacity for the maximum flow rate into the treatment system or of the rated capacity for the maximum flow rate from the treatment subsystem into the distribution system during the reporting period.

#### **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.