



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

HAMILTON DRIVE WATER SUPPLY SYSTEM

Large Municipal Residential Drinking Water System

SCHEDULE 22

SUMMARY REPORT

For the period of

JANUARY 01, 2008 TO DECEMBER 31, 2008

**Prepared by the Ontario Clean Water Agency
Revised by the Township of Guelph/Eramosa**

March 31, 2009

SUMMARY

This report is a summary of water quality and quantity information submitted in accordance with Schedule 22 of Ontario's Drinking Water System regulation for the reporting period of January 01, 2008 to December 31, 2008 for the Hamilton Drive Water Supply System, located in the Township of Guelph/Eramosa.

The summary includes:

1. Any requirements of the Act and Regulation, Orders or System Approval (s) that the system failed to meet during the reporting period and the measures taken to correct each failure.
2. A summary of the quantities and flow rates of water supplied during the reporting period, including monthly averages and maximum daily flows.
3. A comparison of the average and monthly maximum daily flows to the approved capacity specified in the System Approval.

ISSUES OF NON-COMPLIANCE

The following table lists the requirements of the Act, Regulations, System Approval (s) and any Order that the system failed to meet during the reporting period and the measures taken to correct each failure:

Drinking Water Legislation	Requirement(s) the system failed to meet	Duration	Corrective Action(s)	Status
System Certificate of Approval # 7858-5S4H4M	Equipment installed does not meet C of A equipment ratings.	2008 and earlier	Amendments to the C of A and/or Licensing of the new DWWP will indicate the correct equipment ratings actually in use for this site.	Pending
	High lift pumps will alarm but not shut down in the event of flooding.	2008 and earlier	Adjustments made for the high lift pumps to shut down in the event of flooding.	Completed
O.Reg 170/03	Adverse reporting for an exceedence of Sodium was not reported according to Sch. 16-6, 16-7 by operating authority (OCWA) to the Spills Action Centre (SAC) or WDG Health Unit.	For a period of 4 days from September 12, 2008 to September 16 th , 2008..	The notification was done September 16 th , 2008. No further action required.	Completed
Safe Drinking Water Act	The requirements of the Safe Drinking Water Act were met during this reporting period.			
Provincial Officer's Order	There were no Provincial Officer's Orders issued during this reporting period.			

ASSESSMENT OF FLOW RATES AND QUANTITIES OF WATER SUPPLIED

The following table lists the quantities and flow rates of the water supplied during the reporting period covered by this report, including monthly average and maximum daily flows and a comparison to the rated capacity and flow rates specified in the system approval:

Summary of Raw Water Flows - Cross Creek

MONTH	Avg. Daily Volume m ³	% Of Approved Volume	MAX Daily Volume m ³ /d	% Of Approved Volume	Peak Flow Rate L/min	% Of Approved Flow Rate
JANUARY	73.23	9.02	141.70	17.45	492.0	67.86
FEBRUARY	72.78	8.96	154.80	19.06	492.0	67.86
MARCH	77.53	9.55	166.10	20.46	492.0	67.86
APRIL	88.3	10.87	191.00	23.52	492.0	67.86
MAY	113.93	14.03	235.70	29.03	492.0	67.86
JUNE	117.38	14.46	290.70	35.80	492.0	67.86
JULY	124.92	15.38	378.50	46.61	492.0	67.86
AUGUST	94.46	11.63	249.60	30.74	492.0	67.86
SEPTEMBER	99.46	12.25	157.20	19.36	492.0	67.86
OCTOBER	70.96	8.74	165.70	20.41	492.0	67.86
NOVEMBER	80.91	9.96	191.80	23.62	492.0	67.86
DECEMBER	78.63	9.68	173.50	21.37	492.0	67.86

Summary of Raw Water Flows - Huntington

MONTH	Avg. Daily Volume m ³	% Of Approved Volume	MAX Daily Volume m ³ /d	% Of Approved Volume	Peak Flow Rate L/min	% Of Approved Flow Rate
JANUARY	78.50	8.57	144.30	15.75	540.0	84.91
FEBRUARY	73.86	8.06	154.80	16.90	540.0	84.91
MARCH	69.36	7.57	151.90	16.58	540.0	84.91
APRIL	86.49	9.44	162.00	17.69	540.0	84.91
MAY	97.51	10.65	196.30	21.43	540.0	84.91
JUNE	111.05	12.12	255.50	27.89	540.0	84.91
JULY	113.95	12.44	268.40	29.30	540.0	84.91
AUGUST	105.94	11.57	198.90	21.71	540.0	84.91
SEPTEMBER	98.44	10.75	273.00	29.80	540.0	84.91
OCTOBER	84.27	9.2	185.20	20.22	540.0	84.91
NOVEMBER	81.16	8.86	184.10	20.10	540.0	84.91
DECEMBER	85.22	9.3	196.70	21.47	540.0	84.91