



**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, 2006 TO DECEMBER 31, 2006

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

March 28, 2007

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, 2006 to December 31, 2006 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 tables list 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	The requirements of the C of A were met during this reporting period.			
Ontario Reg. 170/03	Samples were not collected in accordance with Schedule 13; Section 13-2, 13-3 and 13-4 during the reporting period.	<u>Section 13-2:</u> Huntington Street August 2003 - January 2007 <u>Section 13-3:</u> Distribution System July 2005 – January 2007 <u>Section 13-4</u> Cross Creek August 2003 - January 2007	Once OCWA became aware that the samples were missed, immediate action was taken to collect the required samples and ship them to the laboratory for analysis on January 10, 2007. A notice of Non-Compliance was sent out February 5 th 2007 to the Ministry of the Environment and the Township of Guelph/Eramosa.	Completed Sampled January 10, 2007
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	(Rated Capacity 812 m ³ /day)			(Rated Daily Peak 725 L/min)		
	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	95.6	11.77	204.8	25.22	492.0	67.86
FEBRUARY	80.54	9.92	169.1	20.83	492.0	67.86
MARCH	40.4	4.98	129.0	15.89	492.0	67.86
APRIL	66.42	8.18	201.4	24.8	492.0	67.86
MAY	124.8	15.37	325.0	40.02	492.0	67.86
JUNE	195.96	24.13	573.4	70.62	492.0	67.86
JULY	142.4	17.54	336.3	41.42	492.0	67.86
AUGUST	134.71	16.59	256.0	31.53	492.0	67.86
SEPTEMBER	105.17	12.95	166.7	20.53	492.0	67.86
OCTOBER	96.12	11.48	173.7	21.39	492.0	67.86
NOVEMBER	87.86	10.82	170.5	21.0	492.0	67.86
DECEMBER	84.25	10.38	131.1	16.15	492.0	67.86

Summary of Raw Water Flows - Huntington

MONTH	(Rated Capacity 916 m ³ /day)			(Rated Daily Peak 636 L/min)		
	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	83.34	9.1	190.7	20.82	540.0	84.91
FEBRUARY	74.79	8.16	144.4	15.76	540.0	84.91
MARCH	121.81	13.3	200.0	21.83	540.0	84.91
APRIL	120.21	13.12	217.1	23.7	540.0	84.91
MAY	118.11	12.89	281.6	30.74	540.0	84.91
JUNE	172.46	18.83	612.2	66.83	540.0	84.91
JULY	115.32	12.59	268	29.26	540.0	84.91
AUGUST	121.02	13.21	297.5	32.48	540.0	84.91
SEPTEMBER	99.72	10.89	149.5	16.32	540.0	84.91
OCTOBER	88.31	9.64	156.8	17.12	540.0	84.91
NOVEMBER	95.54	10.21	135.4	14.78	540.0	84.91
DECEMBER	98.38	10.74	193.6	21.14	540.0	84.91