Part III Form 2
Section 11. ANNUAL REPORT.

Drinking-Water System Number:	**220006945**
Drinking-Water System Name:	**Thornton (Glen Avenue) Well Supply System**
Drinking-Water System Owner:	Corporation Township of Essa
Drinking-Water System Category:	Large Municipal Residential
Period being reported:	January 1, 2003 through December 31, 2003

Complete if your Category is Large Municipal Residential or Small Municipal Residential	***Complete for all other Categories.***
Does your Drinking-Water System serve more than 10,000 people? Yes [ ] No [X] **Is your annual report available to the public at no charge on a web site on the Internet? Yes [X] No [ ]** **Location where Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.** Municipal Offices Corporation Township of Essa 5786 Simcoe County Rd. 21 Utopia, Essa Twp., Ontario L0M 1T0 Website: www.essatownship.on.ca	**Number of Designated Facilities served:** None **Did you provide a copy of your annual report to all Designated Facilities you serve?** **Yes [ ] No [ ] N/A** **Number of Interested Authorities you report to:** None **Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility?** **Yes [ ] No [ ] N/A**

List Drinking-Water Systems, which receive all of their drinking water from your system:

N/A

Did you provide a copy of your annual report to all Drinking-Water System owners that are connected to you and to whom you provide all of its drinking water?
Yes [ ] No [ ] N/A

Indicate how you notified system users that your annual report is available, and is free of charge.
[X] Public access/notice via the web
[X] Public access/notice via Government Office

[ ] Public access/notice via a newspaper
[X] Public access/notice via Public Request
[X] Public access/notice via a Public Library
[X] Public access/notice via other method Notice made on water bills

Describe your Drinking-Water System

The Glen Avenue Well supply System underwent upgrades in 2003 as outlined in the facility CofA. These upgrades included but was not limited to the addition of two new wells. Well 3 and Well 4, which are located north of the existing works in the Thornton Creek Estate Subdivision. The two wells were originally drilled in the 1960's, and were rehabilitated in 2002 by Dixon Hydrogeology. Well 3 is a 300mm, 32 m deep drilled groundwater well equipped with a submersible well pump rated at 5.7L/s, and is located within a newly constructed enclosure. Well 4 is a 160mm diameter, 31.4m deep drilled well equipped with a submersible well pump rated at 3.8L/s, all enclosed within a circular crock with locked cap. In addition to these two new wells, the existing wells were replaced with new submersible well pumps each rated at 6.06L/s. The addition of the new wells and replacement of the existing well pumps, has resulted in an increase in capacity to 1540M3/day and flow rate of 17.42L/s. As part of the upgrades an additional standpipe was added providing an additional 393M3 of storage in addition to the existing standpipe of similar size. The new Standpipe is located approximately 5M west of the existing standpipe on the north side of County Road No 21 at William Street. The tanks are complete with approximately 384 m of dedicated (no connections) 150mm diameter inlet piping and 300 mm diameter outlet piping extending along County Road 21 between the standpipes and the well pump house. The pumphouse was enlarged to provide adequate space to house a new 140kW diesel generator to provide emergency power, as well as the addition of a sodium hypochlorite storage room housing one (1) 100L day tank and bulk storage container of not less than 800L. The high lift pumps were also replaced with three (3) centrifugal high lift pumps equipped with variable frequency drives, each rated at 25.86 L/s.

The expansion of the facility was in part to facilitate the decommissioning of the Camilla WTP, which failed to provide adequate contact time. Upon Commissioning of the Glen upgrades, Camilla was decommissioned in December 2003. The Glen watersystem was connected to and services the distribution once serviced by the Cammila WTP. Approximately 250 homes are provided potable water from the Glen Avenue Well Supply System.

List all water treatment chemicals used over this reporting period

Sodium Hypochlorite 12% Solution NSF, Disinfection

Were any significant expenses incurred to?

[X] Install required equipment
[ ] Repair required equipment
[X] Replace required equipment

Describe

Datalogging equipment was installed to log flow data as required by Facility CofA.

Facility upgrades were implemented as approved and detailed in the Facility CofA including:

- **The existing well pumps were replaced**
- **The existing well pumphouse was replaced to house equipment and instrumentation upgrades**
- **The connection of two new wells, well 3 and well 4 to the existing works, complete with the construction of an insulated vinyl enclosure house well 3 and electrical/instrumentation panels**
- **The replacement of the existing pumps with three (3) centrifugal high lift pumps equipped with variable frequency drives.**
- **The installation of two (2) metering pumps (duty, standby), complete with feed lines to inject sodium hypochlorite solution.**
- **The addition of one (1) 100L day tank and bulk storage container of not less than 800L, both for sodium hypochlorite solution.**
- **The installation of a diesel generator to provide emergency power.**
- **The installation of a second fused glass lined, bolted steel, above ground standpipe with a capacity of 393M3, complete with yard pipe modifications and control valves.**

All routine and preventative maintenance, was also conducted as scheduled.

Provide details on the notices submitted in accordance with subsection 18(1) of the Safe Drinking-Water Act or section 16-4 of Schedule 16 of O.Reg.170/03 and reported to Spills Action Centre?

Incident Date mm/dd/yy	Parameter	Result	Unit of Meas.	Corrective Action	Corrective Action Date mm/dd/yy
01/06/03	Turbidity TDW	1.20	NTU	Instantaneous spike Reported as per 459/00 F.A.C. @ Time of exceedence 1.0mg/l.	01/06/03
01/14/03	Turbidity TDW	1.20	NTU	Instantaneous spike Reported as per 459/00 F.A.C. @ Time of exceedence 0.9mg/l.	01/17/03
01/17/03	Turbidity TDW	1.20	NTU	Instantaneous spike Reported as per 459/00 F.A.C. @ Time of exceedence 0.95mg/l.	01/17/03

01/18/03	**Turbidity TDW**	**>1.0**	**NTU**	**Instantaneous spike Reported as per 459/00 F.A.C. @ Time of exceedence 0.98mg/l.**	**01/18/03**
01/28/03	**Turbidity TDW**	**1.2**	**NTU**	**Instantaneous spike Reported as per 459/00 F.A.C. @ Time of exceedence 0.85mg/l.**	**01/29/03**
02/24/03	**Turbidity TDW**	**>1.0**	**NTU**	**Instantaneous spike Reported as per 459/00 F.A.C. @ Time of exceedence 0.68mg/l. Following Spike TDW Turbidity returned to 0.13NTU.**	**02/24/03**
03/12/03	**Turbidity TDW**	**>1.0**	**NTU**	**Instantaneous spike Reported as per 459/00 F.A.C. @ Time of exceedence 0.79mg/l.**	**03/12/03**
03/18/03	**Turbidity TDW**	**>1.0**	**NTU**	**Instantaneous spike Reported as per 459/00 F.A.C. @ Time of exceedence 0.80mg/l.**	**03/18/03**
03/25/03	**Turbidity TDW**	**>1.0**	**NTU**	**Instantaneous spike Reported as per 459/00 F.A.C. @ Time of exceedence 0.80mg/l.**	**03/27/03**
04/02/03	**Turbidity TDW**	**>1.0**	**NTU**	**Instantaneous spike Reported as per 459/00**	**04/03/03**
04/15/03	**Turbidity TDW**	**>1.0**	**NTU**	**Instantaneous spike Reported as per 459/00 F.A.C. @ Time of exceedence 0.75mg/l.**	**04/15/03**
04/20/03	**Turbidity TDW**	**>1.0**	**NTU**	**Instantaneous spike Reported as per 459/00 F.A.C. @ Time of exceedence 0.70mg/l.**	**04/20/03**
04/21/03	**Turbidity TDW**	**>1.0**	**NTU**	**Instantaneous spike Reported as per 459/00 F.A.C. @ Time of exceedence 1.0mg/l.**	**04/23/03**
04/23/03	**Turbidity TDW**	**>1.0**	**NTU**	**Instantaneous spike Reported as per 459/00 F.A.C. @ Time of exceedence 0.90mg/l.**	**04/24/03**
04/27/03	**Turbidity TDW**	**>1.0**	**NTU**	**Instantaneous spike Reported as per 459/00 F.A.C. @ Time of exceedence 1.16mg/l.**	**04/27/03**

05/03/03	**Turbidity TDW**	**>1.0**	**NTU**	**Instantaneous spike Reported as per 459/00 F.A.C. @ Time of exceedence 1.4mg/l.**	**05/03/03**
05/08/03	**Turbidity TDW**	**>1.0**	**NTU**	**Instantaneous spike Reported as per 459/00 F.A.C. @ Time of exceedence 1.02mg/l.**	**05/09/03**
05/10/03	**Turbidity TDW**	**>1.0**	**NTU**	**Instantaneous spike Reported as per 459/00 F.A.C. @ Time of exceedence 0.58mg/l.**	**05/11/03**
05/19/03	**Turbidity TDW**	**>1.0**	**NTU**	**Instantaneous spike Reported as per 459/00 F.A.C. @ Time of exceedence 0.66mg/l.**	**05/20/03**
08/26/03	**Sodium TDW**	**25.0**	**mg/l**	**Reported as per O.Reg 170 to MOH and MOE, Aug 29, 2003, AWQI 15507. Resamples collected September 2, 2003. Resample did not exceed MAC result of 19.7 mg/l. Issue of Resolution submitted Sept. 11, 2003**	**09/02/03**
09/25/03	**An extended disruption in service to facilitate upgrades to facility as approved in Facility CofA, resulted in a significant drop in system pressure. As a precaution, a Boil Water Notice was issued to users of the system September 22-23, 2003, by OCWA on behalf of the Corporation Township of Essa.**			**Notification of scheduled disruption and issuance of Precautionary Boil Water Notice was provided to MOH and District MOE Office. September 19, 2003. (SAC would not accept Notification as incident was precautionary). Following restoration of system pressure September 25, 2003. Distribution system was flushed and Chlorine residuals, were found unaffected and remained adequate. Two sets of Bacteriological samples were collected at pumphouse and within distribution system. Samples showed no indication of adverse water quality. Boil Water Notice was rescinded September 30, 2003, via door to door notification.**	**09/25/03**

10/14/03	**Chlorine Residual (Free Available Chlorine)** **TDW** **DDW**	 **0.02** **0.04**	 **mg/l** **mg/l**	**Adverse reported as per O.Reg 170 to MOH and MOE October 14, 2003, AWQI 18208. Hypochlorite pump system failure corrected, chlorine dosage increased. Chlorine residual restored at plant 0.34mg/l, distribution system flushed and residual restored. Issue resolved October 14, 2003.**	**10/14/03**
11/18/03	**An extended disruption in service to facilitate upgrades to facility as approved in Facility CofA, resulted in a significant drop in system pressure. As a precaution, a Boil Water Notice was issued to users of the system November 12, 2003, by OCWA on behalf of the Corporation Township of Essa.**			**Notification of scheduled disruption and issuance of Precautionary Boil Water Notice was provided to MOH and District MOE Office. November 12, 2003.** **Following restoration of system pressure November 18, 2003. Distribution system was flushed and Chlorine residuals, were found unaffected and remained adequate. Two sets of Bacteriological samples were collected at pumphouse and within distribution system. Samples showed no indication of adverse water quality. Boil Water Notice was rescinded November 20, 2003, via door to door notification.**	**11/12/03**

Microbiological testing done under section 8 (2) during this reporting period

	Number of Samples	Range of E.Coli or Fecal Results (#-#)	Range of Total Coliform Results (#-#)	Number of Background Samples	Range of Background Results (#-#)
Raw	107	0 - 0	0 - 0	N/A	N/A
Treated	59	0 - 0	0 - 0	59	0 - 7
Distribution	114	0 - 0	0 - 0	61	0 - 99

Microbiological Parameters**: RWW P1 (Raw Well Water)**

Micro biological Parameters	Jan.	Feb.	Mar	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Reporting Period Summary	MAC / IMAC
Total Coliform														
# Samples	5	4	5	4	4	4	4	4	5	5	4	5	53	
# Detectable	0	0	0	0	0	0	0	0	0	0	0	0	0	
Min / Max	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	
Exceedences	0	0	0	0	0	0	0	0	0	0	0	0	0	
E. Coli														
# Samples	5	4	5	4	4	4	4	4	5	5	4	5	53	
# Detectable	0	0	0	0	0	0	0	0	0	0	0	0	0	
Min / Max	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	
Exceedences	0	0	0	0	0	0	0	0	0	0	0	0	0	

Microbiological Parameters**: RWW P2 (Raw Well Water)**

Micro biological Parameters	Jan.	Feb.	Mar	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Reporting Period Summary	MAC / IMAC
Total Coliform														
# Samples	5	4	5	4	4	4	5	4	5	5	4	5	54	
# Detectable	0	0	0	0	0	0	0	0	0	0	0	0	0	
Min / Max	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	
Exceedences	0	0	0	0	0	0	0	0	0	0	0	0	0	
E. Coli														
# Samples	5	4	5	4	4	4	5	4	5	5	4	5	54	
# Detectable	0	0	0	0	0	0	0	0	0	0	0	0	0	
Min / Max	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	
Exceedences	0	0	0	0	0	0	0	0	0	0	0	0	0	
Exceedences	0	0	0	0	0	0	0	0	0	0	0	0	0	

Microbiological Parameters:**TDW Pumphouse (Treated Drinking Water)**

Micro biological Parameters	Jan.	Feb.	Mar	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Reporting Period Summary	MAC / IMAC
Total Coliform														
# Samples	5	4	5	4	4	4	5	4	7	8	4	5	59	
# Detectable	0	0	0	0	0	0	0	0	0	0	0	0	0	
Min / Max	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0
Exceedences	0	0	0	0	0	0	0	0	0	0	0	0	0	
E. Coli														
# Samples	5	4	5	4	4	4	5	4	7	8	4	5	59	
# Detectable	0	0	0	0	0	0	0	0	0	0	0	0	0	
Min / Max	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0
Exceedences	0	0	0	0	0	0	0	0	0	0	0	0	0	
Background														
# Samples	5	4	5	4	4	4	5	4	7	8	4	5	59	
# Detectable	0	0	0	0	0	0	1	0	1	0	0	0	2	
Min / Max	0/0	0/0	0/0	0/0	0/0	0/0	0/7	0/0	0/1	0/0	0/0	0/0	0/7	200
Exceedences	0	0	0	0	0	0	0	0	0	0	0	0	0	

Microbiological Parameters**: DDW Glen Avenue Thornton Distribution System**

Micro biological Parameters	Jan.	Feb.	Mar	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Reporting Period Summary	MAC / IMAC
Total Coliform														
# Samples	10	8	10	8	8	8	10	8	14	8	12	10	114	
# Detectable	0	0	0	0	0	0	0	0	0	0	0	0	0	
Min / Max	0/0	0/0	0/0	0/0	0/0	0/3	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0
Exceedences	0	0	0	0	0	0	0	0	0	0	0	0	0	
E. Coli														
# Samples	10	8	10	8	8	8	10	8	14	8	12	10	114	
# Detectable	0	0	0	0	0	0	0	0	0	0	0	0	0	
Min / Max	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0
Exceedences	0	0	0	0	0	0	0	0	0	0	0	0	0	
Background														
# Samples	5	4	5	4	4	4	5	4	9	4	8	5	61	
# Detectable	1	0	0	0	1	0	2	0	0	0	0	0	4	
Min / Max	0/1	0/0	0/0	0/0	0/49	0/0	0/99	0/0	0/0	0/0	0/0	0/0	0/99	200
Exceedences	0	0	0	0	0	0	0	0	0	0	0	0	0	
Exceedences														

Operational testing done under Schedule 7, 8 or 9 during the period covered by this Annual Report.

The Glen Avenue Water system is equipped with Free Available Chlorine residual (mg/l) and Turbidity (NTU) continuous monitoring equipment analyzing the Treated Drinking Water. The continuous monitoring equipment is installed and operated in the treatment process at a location where the intended contact time has been completed, prior to entering the distribution system. As requested the following Table summarizes data collected by this continuous monitoring equipment:

Treated Drinking Water Glen Ave.	**Number of Grab Samples**	**Range of Results (#-#)**
Turbidity NTU	**8760**	**0.04 - >1.0**
Chlorine mg/l	**8760**	**0.02-2.58**
Fluoride (If the DWS provides fluoridation)	**N/A**	**N/A**

__NOTE__: For continuous monitors use 8760 as the number of samples.

__NOTE__: Record the unit of measure if it is __not__ milligrams per litre.

In addition to the continuous monitoring the following tables summarizes additional sampling carried out in regards to Schedule 7:

Chlorine residuals	**Jan.**	**Feb.**	**Mar**	**April**	**May**	**June**	**July**	**Aug.**	**Sept.**	**Oct.**	**Nov.**	**Dec.**	**Reporting Period Summary**	**MAC / IMAC**
Free Chlorine Residual mg/l (Treated Glen)														
Number of Samples	31	28	31	30	31	30	31	31	30	31	30	31	365	
Number of Detectable Results	31	28	31	30	31	30	31	31	30	31	30	31	365	
Min/ Max	0.6/ 1.21	0.35/1 .14	0.25/1 .01	0.69/ 1.29	0.32/2 .58	0.82/2 .08	0.68/1 .95	0.42/1 .94	0.62/ 3.3	0.02/2 .5	1.15/1 .99	0.9/ 2.11	0.02/ 2.58	0.05/ 3.99
Exceedences	0	0	0	0	0	0	0	0	0	1	0	0	1	
Free Chlorine Residual mg/l (Systeml)														
Number of Samples	10	8	10	8	8	34	36	31	39	35	38	36	293	
Number of Detectable Results	10	8	10	8	8	42	46	43	45	55	42	46	293	
Min/ Max	0.45/1 .03	0.25/0 .95	0.7/ 0.89	0.73/ 0.86	0.6/ 0.94	0.38/2 .0	0.49/1 .49	0.28/1 .5	0.3/ 1.68	0.04/2 .18	0.81/1 .73	0.37/2 .18	0.04/2.18	0.05/ 3.99
Exceedences	0	0	0	0	0	0	0	0	0	1	0	0	1	

Turbidity	Jan.	Feb.	Mar	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Reporting Period Summary	MAC / IMAC
Turbidity (RWW P1) NTU Number of Samples						1	1	1	4	1	4	2	14	
Min/ Max						0.35	0.76	0.62	0.2/ 0.27	0.35	0.15/ 0.88	0.37/ 2.0	0.16/0.41	
Turbidity (RWW P2) NTU Number of Samples						1	1	1	4	1	4	2	14	
Min/ Max						0.57	2.25	0.82	0.26/ 0.32	0.62	0.39/ 0.88	0.45/ 0.48	0.26/2.25	
Turbidity (Treated Glen) NTU Number of Samples	31	28	31	30	31	30	31	31	30	31	30	31	365	
Min/Max	0.14/ 1.2	0.13/ >1	0.13/ >1	0.04/ >1	0.05/ >1	0.04/ 0.43	0.14/ 0.41	0.14/ 0.41	0.13/ 0.25	0.06/ 1.0	0.13/ 0.77	0.13/ 0.3	0.04/ >1	1.0
Exceedences	5	1	3	6	4	0	0	0	0	0	0	0	19	

Summary of additional testing and sampling carried out in accordance with the requirement of an approval or order.

Date of order or C of A	Parameter	Date Sampled	Result	Unit of Measure

Summary of Inorganic parameters tested during this reporting period or most recent at the Glen Avenue, Thornton Facility

Parameter	Sample Date (mm/dd/yy)	Result Value	Sample Date (mm/dd/yy)	Result Value	Sample Date (mm/dd/yy)	Result Value	Sample Date (mm/dd/yy)	Result Value	Unit of Meas.	Exceedances
Antimony					08/26/03	0.6			**ug/l**	0
Arsenic					08/26/03	2.0			**ug/l**	0
Barium					08/26/03	66.0			**ug/l**	0
Boron					08/26/03	52.0			**ug/l**	0
Cadmium					08/26/03	0.1			**ug/l**	0
Chromium					08/26/03	3.0			**ug/l**	0
Lead					09/29/03	0.6			**ug/l**	0
Mercury					08/26/03	0.1			**ug/l**	0
Selenium					08/26/03	3.0			**ug/l**	0
Uranium					08/26/03	0.05			**ug/l**	0
Sodium					08/26/03	25.0			**mg/l**	0

Fluoride					08/26/03	0.17			**mg/l**	0
Nitrite	01/27/03	0.011	04/28/03	0.011	08/26/03	0.011	10/28/03	0.011	**mg/l**	0
Nitrate	01/27/03	0.021	04/28/03	0.021	08/26/03	0.021	10/28/03	0.021	**mg/l**	0

Summary of Organic parameters sampled during this reporting period or most recent at the Glen Avenue, Thornton Facility

Parameter	Sample Date (mm/dd/yy)	Result Value	Sample Date (mm/dd/yy)	Result Value	Sample Date (mm/dd/yy)	Result Value	Sample Date (mm/dd/yy)	Result Value	Unit of Meas	Exceed.
Alachlor	01/27/03	0.09	04/28/03	0.09					**ug/l**	0
Aldicarb	01/27/03	0.76	04/28/03	0.76					**ug/l**	0
Aldrin + Dieldrin	01/27/03	0.05	04/28/03	0.05					**ug/l**	0
Atrazine + N-dealkylated metobolites	01/27/03	0.43	04/28/03	0.43					**ug/l**	0
Azinphos-methyl	01/27/03	0.59	04/28/03	0.59					**ug/l**	0
Bendiocarb	01/27/03	0.27	04/28/03	0.27					**ug/l**	0
Benzene	01/27/03	0.36	04/28/03	0.36					**ug/l**	0
Benzo(a)pyrene					08/26/03	0.004			**ug/l**	0
Bromoxynil	01/27/03	0.06	04/28/03	0.06					**ug/l**	0
Carbaryl	01/27/03	0.14	04/28/03	0.14					**ug/l**	0
Carbofuran	01/27/03	0.14	04/28/03	0.14					**ug/l**	0
Carbon Tetrachloride	01/27/03	0.34	04/28/03	0.34					**ug/l**	0
Chlordane (Total)	01/27/03	0.2	04/28/03	0.2					**ug/l**	0
Chlorpyrifos	01/27/03	1.2	04/28/03	1.2					**ug/l**	0
Cyanazine	01/27/03	0.079	04/28/03	0.079					**ug/l**	0
Diazinon	01/27/03	0.41	04/28/03	0.41					**ug/l**	0
Dicamba	01/27/03	0.9	04/28/03	0.9					**ug/l**	0
1,2-Dichlorobenzene	01/27/03	0.56	04/28/03	0.56					**ug/l**	0
1,4-Dichlorobenzene	01/27/03	0.25	04/28/03	0.25					**ug/l**	0
Dichlorodiphenyltrichloroethane (DDT) + metabolites	01/27/03	0.46	04/28/03	0.46					**ug/l**	0
1,2-Dichloroethane	01/27/03	0.32	04/28/03	0.32					**ug/l**	0
1,1-Dichloroethylene (vinylidene chloride)	01/27/03	0.52	04/28/03	0.52					**ug/l**	0
Dichloromethane	01/27/03	1.17	04/28/03	1.17					**ug/l**	0
2-4 Dichlorophenol	01/27/03	0.15	04/28/03	0.15					**ug/l**	0
2,4-Dichlorophenoxy acetic acid (2,4-D)	01/27/03	0.33	04/28/03	0.33					**ug/l**	0
Diclofop-methyl	01/27/03	0.84	04/28/03	0.84					**ug/l**	0
Dimethoate	01/27/03	0.1	04/28/03	0.1					**ug/l**	0

Dinoseb	01/27/03	0.42	04/28/03	0.42					**ug/l**	0
Diquat	01/27/03	1.0	04/28/03	1.0					**ug/l**	0
Diuron	01/27/03	0.66	04/28/03	0.66					**ug/l**	0
Glyphosate	01/27/03	6.0	04/28/03	6.0					**ug/l**	0
Heptachlor + Heptachlor Epoxide	01/27/03	0.2	04/28/03	0.2					**ug/l**	0
Linadane (Total)	01/27/03	0.13	04/28/03	0.13					**ug/l**	0
Malathion	01/27/03	0.37	04/28/03	0.37					**ug/l**	0
Methoxychlor	01/27/03	0.64	04/28/03	0.64					**ug/l**	0
Metolachlor	01/27/03	0.58	04/28/03	0.58					**ug/l**	0
Metribuzin	01/27/03	0.5	04/28/03	0.5					**ug/l**	0
Monochlorobenzene	01/27/03	0.46	04/28/03	0.46					**ug/l**	0
Paraquat	01/27/03	1	04/28/03	1					**ug/l**	0
Parathion	01/27/03	1.2	04/28/03	1.2					**ug/l**	0
Pentachlorophenol	01/27/03	0.15	04/28/03	0.15					**ug/l**	0
Phorate	01/27/03	0.73	04/28/03	0.73					**ug/l**	0
Picloram	01/27/03	0.19	04/28/03	0.19					**ug/l**	0
Polychlorinated Biphenyls(PCB)	01/27/03	0.04	04/28/03	0.04					**ug/l**	0
Promethyne	01/27/03	0.16	04/28/03	0.16					**ug/l**	0
Simazine	01/27/03	0.18	04/28/03	0.18					**ug/l**	0
THM DDW	01/27/03	29	04/28/03	.34	09/29/03	32	10/27/03	37	**ug/l**	0
THM TDW Glen Ave.	01/27/03	23.0	04/28/03	29					**ug/l**	0
Temephos	01/27/03	0.25	04/28/03	0.25					**ug/l**	0
Terbufos	01/27/03	0.73	04/28/03	0.73	09/30/03	0.7			**ug/l**	0
Tetrachloroethylene	01/27/03	0.48	04/28/03	0.48					**ug/l**	0
2,3,4,6-Tetrachlorophenol	01/27/03	0.14	04/28/03	0.14					**ug/l**	0
Triallate	01/27/03	0.14	04/28/03	0.14					**ug/l**	0
Trichloroethylene	01/27/03	0.54	04/28/03	0.54					**ug/l**	0
2,4,6-Trichlorophenol	01/27/03	0.25	04/28/03	0.25					**ug/l**	0
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	01/27/03	0.47	04/28/03	0.47					**ug/l**	0
Trifluralin	01/27/03	0.35	04/28/03	0.35					**ug/l**	0
Vinyl Chloride	01/27/03	0.08	04/28/03	0.08					**ug/l**	0

List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards.

Parameter	Result Value	Unit of Measure	Date of Sample

(Only if category is large municipal residential, small municipal residential, large municipal non residential, small municipal non residential, large non municipal non residential)