

**Part III Form 2
Section 11. ANNUAL REPORT.**

Drinking-Water System Number:	260001026
Drinking-Water System Name:	Angus 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

<p><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></p> <p>Does your Drinking-Water System serve more than 10,000 people? Yes [] No [X]</p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes [X] No []</p> <p>Location where Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <div style="border: 1px solid black; padding: 5px;"> Municipal Offices Corporation Township of Essa 5786 Simcoe County Rd. 21 Utopia, Essa Twp., Ontario L0M 1T0 Website: www.essatownshin.on.ca </div>	<p><u>Complete for all other Categories.</u></p> <p>Number of Designated Facilities served: <div style="border: 1px solid black; padding: 2px; width: 100px; text-align: center;">N/A</div> </p> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [] No [] <u>N/A</u> </p> <p>Number of Interested Authorities you report to: <div style="border: 1px solid black; padding: 2px; width: 100px; text-align: center;">N/A</div> </p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [] No [] <u>N/A</u> </p>
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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

- Public access/notice via Public Request
 Public access/notice via a Public Library
 Public access/notice via other method Notice made on water bills

Describe your Drinking-Water System

The Angus Well Supply System, Treatment and Storage Works serving the Town of Angus includes:

The Mill Street Facility (II Water Distribution)

Consists of a single drilled groundwater well that can provide up to 3927 m³/day of a good quality potable water. As groundwater is pumped from the well, chemical feed pumps are automatically activated to add sodium silicate (for iron sequestering) and sodium hypochlorite (for disinfection). Treated water is stored in an underground reservoir, with a capacity of 902m³. Flow is measured before entering the reservoir and as the treated water enters the distribution system. On-line monitoring equipment continuously monitors chlorine residual, turbidity and flows rates.

The McGeorge Facility (II Water Distribution)

Consists of Two drilled groundwater wells capable of providing up to 2627 m³/day potable water. As groundwater flows out of the (artesian) wells, pumps are automatically activated to add sodium silicate (for iron sequestering) and sodium hypochlorite (for disinfection). Treated water is stored in two underground reservoirs, with capacities of 95 m³ and 157 m³ respectively On-line monitoring equipment continuously monitors chlorine residual, turbidity and flows rates.

List all water treatment chemicals used over this reporting period

Sodium Hypochlorite 12% Solution NSF, Disinfection
Sodium Silicate, Iron Sequestering, NSF

Were any significant expenses incurred to?

- Install required equipment
 Repair required equipment
 Replace required equipment

Describe

Datalogging equipment was installed at both the McGeorge Facility and Mill St. Facility to log flow data as required by Facility CofA.

Further upgrades were implemented as approved and detailed in the Facility CofA 8961-5T2P7A including the installation of two (2) sodium hypochlorite metering pumps (one duty, one standby), at both the Mill and McGeorge Facilities.

Approximately 8km of new watermain was installed ranging from 100mm to 250mm diameter piping as approved in various Certificates of Approval.

All routine and preventative maintenance, was conducted as schedule.

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
01/29/03	Turbidity TDW-McGeorge	>1.0	NTU	Instantaneous spike	01/29/03
02/06/03	Turbidity TDW-McGeorge	>1.0	NTU	Instantaneous spike	02/06/03
04/22/03	Turbidity TDW-Mill	1.15	NTU	Instantaneous spike	04/22/03
08/25/03	Sodium McGeorge Mill St	20.7 22.4	mg/l mg/l	Reported as per O.Reg 170 to MOH and MOE, Aug 29, 2003, AWQI 15512 (Mill) 15510 (McGeorge) Resamples collected September 3, 2003. Resamples showed no further indication adverse water McGeorge 15.2mg/l, Mill St. 17.3mg/l.	09/11/03
10/06/03	DDW Bacti Sample Background Colonies	585	CFU/ 100ml	Adverse reported as per O.Reg 170 to MOH and MOE October 8, 2003, AWQI 17941. Resamples were collected October 8, 2003 and October 10, 2003. Resamples showed no further indication of adverse water. Issue resolved October 15, 2003.	10/15/03
10/11/03	Low Free Available Chlorine Residual TDW-McGeorge	0.03	mg/l	Adverse reported as per O.Reg 170 to MOH and MOE October 11, 2003, AWQI 18145. Chlorine residual restored at plant, distribution system flushed and residual restored. Issue resolved October 11, 2003.	10/11/03
10/16/03	DDW Bacti Sample Total Coliforms Background Colonies	3 >2400	CFU/ 100ml CFU/ 100ml	Adverse reported as per O.Reg 170 to MOH and MOE October 16, 2003, AWQI 18373. Resamples were collected October 17, 2003 and showed no further indication of adverse water. Issue resolved October 20, 2003.	10/20/03

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	159	0 - 0	0 - 2	N/A	N/A
Treated McGeorge	53	0 - 0	0 - 0	53	0 - 0
Treated Mill	53	0 - 0	0 - 0	53	0 - 0
Distribution	228	0 - 0	0 - 3	65	0 - 2400

This Sampling was conducted as follows:
Microbiological parameters: RWW P1 (Raw Well Water – Well 1 McGeorge)

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	4	4	5	53	
# Detectable	0	0	0	1	0	0	0	0	0	0	0	0	0	
Min / Max	0/0	0/0	0/0	0/1440	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	4	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 – Well 2 McGeorge)

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	4	4	5	53	
# Detectable	0	0	1	0	0	0	0	0	0	0	0	0	1	
Min / Max	0/0	0/0	0/2	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/2	
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	4	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 P3 (Raw Well Water – Well 3 Mill St.)

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	4	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	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	4	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	0
Exceedences	0	0	0	0	0	0	0	0	0	0	0	0	0	

Microbiological parameters:TDW McGeorge-Pumphouse (Treated Drinking Water-McGeorge)

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	4	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	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	4	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	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	5	4	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	200
Exceedences	0	0	0	0	0	0	0	0	0	0	0	0	0	

Microbiological parameters: TDW Mill St. Pumphouse (Treated Drinking Water – Mill St.)

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	4	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	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	4	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	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	5	4	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	200
Exceedences	0	0	0	0	0	0	0	0	0	0	0	0	0	

Microbiological parameters: DDW Angus 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	20	16	20	16	20	16	20	16	20	28	16	20	228	
# Detectable	0	0	0	0	0	0	0	0	0	1	0	0	1	
Min / Max	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/0	0/3	0/0	0/0	0/3	0
Exceedences	0	0	0	0	0	0	0	0	0	1	0	0	1	
E. Coli														
# Samples	20	16	20	16	20	16	20	16	20	28	16	20	228	
# 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	5	16	4	5	65	
# Detectable	0	0	0	1	0	0	0	0	1	2	0	0	4	
Min / Max	0/0	0/0	0/0	0/9	0/0	0/0	0/0	0/0	0/2	0/2400	0/0	0/0	0/2400	200
Exceedences	0	0	0	0	0	0	0	0	0	2	0	0	2	

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

Both water facilities serving the Angus Water system, Mill St. and McGeorge are equipped with Free Available Chlorine residual (mg/l) and Turbidity (NTU) continuous monitoring equipment analyzing the Treated Drinking Water. At both facilities, 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 Mill	Number of Grab Samples	Range of Results (#-#)
Turbidity NTU	8760	0.03 - 1.15
Chlorine	8760	0.13-2.53
Fluoride (If the DWS provides fluoridation)	N/A	N/A

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

Treated Drinking Water McGeorge	Number of Grab Samples	Range of Results (#-#)
Turbidity NTU	8760	0.018 - >1.0
Chlorine (mg/l)	8760	0.03-2.07
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 summarize additional grab sample testing carried out as required by 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 McGeorge)														
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	0.55/1.94	0.65/1.85	0.78/1.98	1.03/1.92	0.87/1.95	0.75/1.95	0.94/1.84	0.87/1.98	0.8/1.87	0.03/1.86	0.83/2.07	0.78/1.87	0.03/2.07	0.05/3.99
Exceedences	0	0	0	0	0	0	0	0	0	1	0	0	1	
Free Chlorine Residual mg/l (Treated Mill)														
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	0.98/1.29	0.68/1.2	0.98/1.52	1.03/1.29	1.06/1.29	0.29/1.22	0.13/1.12	0.8/1.12	0.73/2.53	0.73/1.83	0.24/1.64	1.24/1.5	0.13/2.53	0.05/3.99
Exceedences	0	0	0	0	0	0	0	0	0	0	0	0	0	
Free Chlorine Residual mg/l (System1)														
Number of Samples	20	16	20	16	20	42	46	43	45	55	42	46	411	
Number of Detectable Results	20	16	20	16	20	42	46	43	45	55	42	46	411	
Min/Max	0.53/1.59	0.63/1.15	0.75/1.36	0.4/1.19	0.49/1.24	0.4/1	0.39/0.87	0.38/0.96	0.47/1.43	0.37/1.3	0.12/1.39	0.54/1.23	0.12/1.59	0.05/3.99
Exceedences	0	0	0	0	0	0	0	0	0	0	0	0	0	

Turbidity	Jan.	Feb.	Mar	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Reporting Period Summary	MAC / IMAC
Turbidity (RWW P1 McGeorge) NTU Number of Samples Min/ Max						1 0.16	1 0.17	3 0.16/ 0.21	3 0.16/ .22	1 0.41	1 0.18	1 0.21	11 0.16/0.41	
Turbidity (RWW P2 McGeorge) NTU Number of Samples Min/ Max						1 .11	1 0.28	3 0.24/ 0.31	3 0.21/ 0.27	1 0.29	1 0.23	1 0.27	11 0.11/0.31	
Turbidity (RWW P3 Mill) NTU Number of Samples Min/ Max						2 0.19/ 0.2	2 0.23/ 0.26	3 0.21/ 0.27	4 0.2/ 0.33	2 0.19/ 0.25	2 0.17/ 0.21	1 0.31	16 0.17/0.33	
Turbidity (Treated McGeorge) NTU Number of Samples Min/Max	31 0.06/ >1.0	28 0.04/ >1.0	31 0.04/ 0.16	30 0.018/ 0.27	31 0.03/ 0.11	30 0.04/ 0.18	31 0.04/ 0.17	31 0.04/ 0.59	30 0.03/ 0.06	31 0.04/ 0.17	30 0.04/ 0.1	31 0.05/ 0.18	365 0.018/ >1.0	1.0
Exceedences	1	1	0	0	0	0	0	0	0	0	0	0	2	
Turbidity (Treated Mill) NTU Number of Samples Min/Max	31 0.03/ 0.32	28 0.08/ 0.12	31 0.09/ 0.24	30 0.11/ 1.15	31 0.06/ 0.27	30 0.06/ 0.11	31 0.06/ 0.09	31 0.07/ 0.11	30 0.09/ 0.14	31 0.08/ 0.16	30 0.06/ 0.09	31 0.06/ 0.1	365 0.03/ 1.15	1.0
Exceedences	0	0	0	1	0	0	0	0	0	0	0	0	1	

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 Mill St. 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					08/25/03	0.6			ug/l	0
Arsenic					08/25/03	2.0			ug/l	0
Barium					08/25/03	150.0			ug/l	0
Boron					08/25/03	25.0			ug/l	0
Cadmium					08/25/03	0.1			ug/l	0
Chromium					08/25/03	3.0			ug/l	0
Lead					08/25/03	0.6			ug/l	0
Mercury					08/25/03	0.1			ug/l	0
Selenium					08/25/03	3.0			ug/l	0
Uranium					08/25/03	0.07			ug/l	0
Sodium Fluoride					08/25/03	22.4			mg/l	0
Nitrite	01/15/03	0.011	04/28/03	0.011	08/25/03	0.011	10/27/03	0.011	mg/l	0
Nitrate	01/15/03	0.021	04/28/03	0.021	08/25/03	0.021	10/27/03	0.021	mg/l	0

Summary of Organic parameters sampled during this reporting period or most recent at the Mill St. 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	01/15/03	0.09	04/28/03	0.09					ug/l	0
Aldicarb	01/15/03	0.76	04/28/03	0.76					ug/l	0
Aldrin + Dieldrin	01/15/03	0.05	04/28/03	0.05					ug/l	0
Atrazine + N-dealkylated metabolites	01/15/03	0.43	04/28/03	0.43					ug/l	0
Azinphos-methyl	01/15/03	0.59	04/28/03	0.59					ug/l	0
Bendiocarb	01/15/03	0.27	04/28/03	0.27					ug/l	0
Benzene	01/15/03	0.36	04/28/03	0.36					ug/l	0
Benzo(a)pyrene					08/25/03	0.004			ug/l	0
Bromoxynil	01/15/03	0.06	04/28/03	0.06					ug/l	0
Carbaryl	01/15/03	0.14	04/28/03	0.14					ug/l	0
Carbofuran	01/15/03	0.14	04/28/03	0.14					ug/l	0
Carbon Tetrachloride	01/15/03	0.34	04/28/03	0.34					ug/l	0
Chlordane (Total)	01/15/03	0.2	04/28/03	0.2					ug/l	0
Chlorpyrifos	01/15/03	1.2	04/28/03	1.2					ug/l	0
Cyanazine	01/15/03	0.079	04/28/03	0.079					ug/l	0
Diazinon	01/15/03	0.41	04/28/03	0.41					ug/l	0
Dicamba	01/15/03	0.9	04/28/03	0.9					ug/l	0
1,2-Dichlorobenzene	01/15/03	0.56	04/28/03	0.56					ug/l	0
1,4-Dichlorobenzene	01/15/03	0.25	04/28/03	0.25					ug/l	0
Dichlorodiphenyltrichloroethane (DDT) + metabolites	01/15/03	0.46	04/28/03	0.46					ug/l	0

1,2-Dichloroethane	01/15/03	0.32	04/28/03	0.32					ug/l	0
1,1-Dichloroethylene (vinylidene chloride)	01/15/03	0.52	04/28/03	0.52					ug/l	0
Dichloromethane	01/15/03	1.17	04/28/03	1.17					ug/l	0
2,4-Dichlorophenol	01/15/03	0.15	04/28/03	0.15					ug/l	0
2,4-Dichlorophenoxy acetic acid (2,4-D)	01/15/03	0.33	04/28/03	0.33					ug/l	0
Diclofop-methyl	01/15/03	0.84	04/28/03	0.84					ug/l	0
Dimethoate	01/15/03	0.1	04/28/03	0.1					ug/l	0
Dinoseb	01/15/03	0.42	04/28/03	0.42					ug/l	0
Diquat	01/15/03	1.0	04/28/03	1.0					ug/l	0
Diuron	01/15/03	0.66	04/28/03	0.66					ug/l	0
Glyphosate	01/15/03	6.0	04/28/03	6.0					ug/l	0
Heptachlor + Heptachlor Epoxide	01/15/03	0.2	04/28/03	0.2					ug/l	0
Linadane (Total)	01/15/03	0.13	04/28/03	0.13					ug/l	0
Malathion	01/15/03	0.37	04/28/03	0.37					ug/l	0
Methoxychlor	01/15/03	0.64	04/28/03	0.64					ug/l	0
Metolachlor	01/15/03	0.58	04/28/03	0.58					ug/l	0
Metribuzin	01/15/03	0.5	04/28/03	0.5					ug/l	0
Monochlorobenzene	01/15/03	0.46	04/28/03	0.46					ug/l	0
Paraquat	01/15/03	1.0	04/28/03	1.0					ug/l	0
Parathion	01/15/03	1.2	04/28/03	1.2					ug/l	0
Pentachlorophenol	01/15/03	0.15	04/28/03	0.15					ug/l	0
Phorate	01/15/03	0.73	04/28/03	0.73					ug/l	0
Picloram	01/15/03	0.19	04/28/03	0.19					ug/l	0
Polychlorinated Biphenyls(PCB)	01/15/03	0.04	04/28/03	0.04					ug/l	0
Promethyne	01/15/03	0.16	04/28/03	0.16					ug/l	0
Simazine	01/15/03	0.18	04/28/03	0.18					ug/l	0
THM DDW	01/15/03	27.0	04/28/03	43.0	08/25/03	33.0	10/27/03	44.0	ug/l	0
THM TDW Mill St.	01/15/03	18.0	04/28/03	18.0					ug/l	0
Temphos	01/15/03	0.25	04/28/03	0.25					ug/l	0
Terbufos	01/15/03	0.73	04/28/03	0.73	09/30/03	0.7			ug/l	0
Tetrachloroethylene	01/15/03	0.48	04/28/03	0.48					ug/l	0
2,3,4,6-Tetrachlorophenol	01/15/03	0.14	04/28/03	0.14					ug/l	0
Triallate	01/15/03	0.14	04/28/03	0.14					ug/l	0
Trichloroethylene	01/15/03	0.54	04/28/03	0.54					ug/l	0
2,4,6-Trichlorophenol	01/15/03	0.25	04/28/03	0.25					ug/l	0

2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	01/15/03	0.47	04/28/03	0.47					ug/l	0
Trifluralin	01/15/03	0.35	04/28/03	0.35					ug/l	0
Vinyl Chloride	01/15/03	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. N/A

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)

Summary of Inorganic parameters tested during this reporting period or most recent at the McGeorge 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					08/25/03	0.6			ug/l	0
Arsenic					08/25/03	2.0			ug/l	0
Barium					08/25/03	80.0			ug/l	0
Boron					08/25/03	22.0			ug/l	0
Cadmium					08/25/03	0.1			ug/l	0
Chromium					08/25/03	3.0			ug/l	0
Lead					08/25/03	0.6			ug/l	0
Mercury					08/25/03	0.1			ug/l	0
Selenium					08/25/03	3.0			ug/l	0
Uranium					08/25/03	0.05			ug/l	0
Sodium					08/25/03	20.7			mg/l	0
Fluoride					08/25/03	0.12			mg/l	0
Nitrite	01/15/03	0.011	04/28/03	0.011	08/25/03	0.011	10/27/03	0.011	mg/l	0
Nitrate	01/15/03	0.021	04/28/03	0.021	08/25/03	0.021	10/27/03	0.021	mg/l	0

Summary of Organic parameters sampled during this reporting period or most recent at the McGeorge 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	01/15/03	0.09	04/28/03	0.09					ug/l	0
Aldicarb	01/15/03	0.76	04/28/03	0.76					ug/l	0
Aldrin + Dieldrin	01/15/03	0.05	04/28/03	0.05					ug/l	0
Atrazine + N-dealkylated metabolites	01/15/03	0.43	04/28/03	0.43					ug/l	0
Azinphos-methyl	01/15/03	0.59	04/28/03	0.59					ug/l	0
Bendiocarb	01/15/03	0.27	04/28/03	0.27					ug/l	0
Benzene	01/15/03	0.36	04/28/03	0.36					ug/l	0
Benzo(a)pyrene					08/25/03	0.004			ug/l	0
Bromoxynil	01/15/03	0.06	04/28/03	0.06					ug/l	0
Carbaryl	01/15/03	0.14	04/28/03	0.14					ug/l	0

Carbofuran	01/15/03	0.14	04/28/03	0.14					ug/l	0
Carbon Tetrachloride	01/15/03	0.34	04/28/03	0.34					ug/l	0
Chlordane (Total)	01/15/03	0.2	04/28/03	0.2					ug/l	0
Chlorpyrifos	01/15/03	1.2	04/28/03	1.2					ug/l	0
Cyanazine	01/15/03	0.079	04/28/03	0.079					ug/l	0
Diazinon	01/15/03	0.41	04/28/03	0.41					ug/l	0
Dicamba	01/15/03	0.9	04/28/03	0.9					ug/l	0
1,2-Dichlorobenzene	01/15/03	0.56	04/28/03	0.56					ug/l	0
1,4-Dichlorobenzene	01/15/03	0.25	04/28/03	0.25					ug/l	0
Dichlorodiphenyltrichloroethane (DDT) + metabolites	01/15/03	0.46	04/28/03	0.46					ug/l	0
1,2-Dichloroethane	01/15/03	0.32	04/28/03	0.32					ug/l	0
1,1-Dichloroethylene (vinylidene chloride)	01/15/03	0.52	04/28/03	0.52					ug/l	0
Dichloromethane	01/15/03	1.17	04/28/03	1.17					ug/l	0
2,4-Dichlorophenol	01/15/03	0.15	04/28/03	0.15					ug/l	0
2,4-Dichlorophenoxy acetic acid (2,4-D)	01/15/03	0.33	04/28/03	0.33					ug/l	0
Diclofop-methyl	01/15/03	0.84	04/28/03	0.84					ug/l	0
Dimethoate	01/15/03	0.1	04/28/03	0.1					ug/l	0
Dinoseb	01/15/03	0.42	04/28/03	0.42					ug/l	0
Diquat	01/15/03	1.0	04/28/03	1.0					ug/l	0
Diuron	01/15/03	0.66	04/28/03	0.66					ug/l	0
Glyphosate	01/15/03	6.0	04/28/03	6.0					ug/l	0
Heptachlor + Heptachlor Epoxide	01/15/03	0.2	04/28/03	0.2					ug/l	0
Linadane (Total)	01/15/03	0.13	04/28/03	0.13					ug/l	0
Malathion	01/15/03	0.37	04/28/03	0.37					ug/l	0
Methoxychlor	01/15/03	0.64	04/28/03	0.64					ug/l	0
Metolachlor	01/15/03	0.58	04/28/03	0.58					ug/l	0
Metribuzin	01/15/03	0.5	04/28/03	0.5					ug/l	0
Monochlorobenzene	01/15/03	0.46	04/28/03	0.46					ug/l	0
Paraquat	01/15/03	1.0	04/28/03	1.0					ug/l	0
Parathion	01/15/03	1.2	04/28/03	1.2					ug/l	0
Pentachlorophenol	01/15/03	0.15	04/28/03	0.15					ug/l	0
Phorate	01/15/03	0.73	04/28/03	0.73					ug/l	0
Picloram	01/15/03	0.19	04/28/03	0.19					ug/l	0
Polychlorinated Biphenyls(PCB)	01/15/03	0.04	04/28/03	0.04					ug/l	0
Promethyne	01/15/03	0.16	04/28/03	0.16					ug/l	0
Simazine	01/15/03	0.18	04/28/03	0.18					ug/l	0

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THM DDW	01/15/03	27.0	04/28/03	43.0	08/25/03	33.0	10/27/03	44.0	ug/l	0
THM TDW McGeorge	01/15/03	26.0	04/28/03	10.0					ug/l	0
Temephos	01/15/03	0.25	04/28/03	0.25					ug/l	0
Terbufos	01/15/03	0.73	04/28/03	0.73	09/30/03	0.7			ug/l	0
Tetrachloroethylene	01/15/03	0.48	04/28/03	0.48					ug/l	0
2,3,4,6-Tetrachlorophenol	01/15/03	0.14	04/28/03	0.14					ug/l	0
Triallate	01/15/03	0.14	04/28/03	0.14					ug/l	0
Trichloroethylene	01/15/03	0.54	04/28/03	0.54					ug/l	0
2,4,6-Trichlorophenol	01/15/03	0.25	04/28/03	0.25					ug/l	0
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	01/15/03	0.47	04/28/03	0.47					ug/l	0
Trifluralin	01/15/03	0.35	04/28/03	0.35					ug/l	0
Vinyl Chloride	01/15/03	0.08	04/28/03	0.08					ug/l	0

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Parameter	Result Value	Unit of Measure	Date of Sample

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