



ANNUAL REPORT 2008

Drinking-Water System Number:	260006685
Drinking-Water System Name:	Sault Ste. Marie Water System
Drinking-Water System Owner:	City of Sault Ste. Marie
Drinking-Water System Category:	Large Municipal Residential
Period being reported:	Year 2008

Complete if your Category is Large Municipal Residential or Small Municipal Residential

Does your Drinking-Water System serve more than 10,000 people? Yes [x] No [ ]

Is your annual report available to the public at no charge on a web site on the Internet? Yes [x] No [ ]

Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.

PUC Services Inc.  
765 Queen St East, PO Box 9000  
Sault Ste. Marie, ON  
P6A 6P2

Note: For the following tables below, additional rows or columns may be added or an appendix may be attached to the report

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

Drinking Water System Name	Drinking Water System Number
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 [x]



Indicate how you notified system users that your annual report is available, and is free of charge.

- Public access/notice via the web
- 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 : **Billing statements**

**Describe your Drinking-Water System**

PUC Services Inc. operates, maintains and manages the Sault Ste. Marie water supply on behalf of the City's Public Utilities Commission. The PUC Services Inc. business office is located at 765 Queen Street East. Regular business hours are 08:30 to 16:30, Monday to Friday. The telephone number is (705) 759-6500. The PUC Water Treatment Operations Control Centre is located at the A.S. Boniferrero Water Filtration Plant, 2059 Second Line West. The licensed operators at this facility monitor and control all aspects of water production and quality, through the use of a modern computer based control system. Water for Sault Ste. Marie is obtained from two principle sources: surface water from Lake Superior and ground water from six deep wells. Raw water from the intake at Gros Cap is pumped to the water treatment plant where a process of filtration and chlorination prepares the water for consumption. Water from the deep wells is chlorinated prior to being pumped to the distribution system. On a typical day our customers consume about 35,000 cubic metres of water. Three water storage reservoirs located in the distribution system hold up to 52000 cubic metres of water [or 1-1/2 days-average consumption].



**List all water treatment chemicals used over this reporting period**

**SSM WTP – Uses Aluminum Sulfate, Chlorine gas and Aqueous Ammonia**  
**Goulais P/S – Uses Chlorine gas and Aqueous Ammonia**  
**Steelton P/S – Uses Chlorine gas and Aqueous Ammonia**  
**Shannon P/S – Uses Chlorine gas and Aqueous Ammonia**  
**Lorna P/S – Uses Chlorine gas and Aqueous Ammonia**

**Were any significant expenses incurred to?**

- Install required equipment
- Repair required equipment
- Replace required equipment

**Please provide a brief description and a breakdown of monetary expenses incurred**

**Replace and Repair – Sewage pumps, battery chargers, electrical equipment, surface wash valve, roof, crane inspection, office equipment, chlorine analyzer, supernatant pump, commencement of well system upgrades**

**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	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
N/A					

**Microbiological testing done under the Schedule 10, 11 or 12 of Regulation 170/03, during this reporting period.**

SSM WTP					
	Number of Samples	Range of E.Coli Or Fecal Results (min #)-(max #)	Range of Total Coliform Results (min #)-(max #)	Number of HPC Samples	Range of HPC Results (min #)-(max #)
Raw	53	0-3	0-21	N/A	
Treated	52	absent	absent	52	0-2
Distribution	1120	absent	absent	289	0-36

Goulais P/S					
	Number of Samples	Range of E.Coli Or Fecal Results (min #)-(max #)	Range of Total Coliform Results (min #)-(max #)	Number of HPC Samples	Range of HPC Results (min #)-(max #)
Raw	45	absent	absent	N/A	
Treated	45	absent	absent	45	0-12

Steelton P/S					
	Number of Samples	Range of E.Coli Or Fecal Results (min #)-(max #)	Range of Total Coliform Results (min #)-(max #)	Number of HPC Samples	Range of HPC Results (min #)-(max #)
Raw	27	absent – 1 present	absent -1 present	N/A	
Treated	25	absent	absent	25	0-4

Shannon P/S					
	Number of Samples	Range of E.Coli Or Fecal Results (min #)-(max #)	Range of Total Coliform Results (min #)-(max #)	Number of HPC Samples	Range of HPC Results (min #)-(max #)
Raw	53	absent	absent	N/A	
Treated	53	absent	absent	53	0-3

Lorna P/S					
	Number of Samples	Range of E.Coli Or Fecal Results (min #)-(max #)	Range of Total Coliform Results (min #)-(max #)	Number of HPC Samples	Range of HPC Results (min #)-(max #)
Raw	47	absent	absent	N/A	
Treated	47	absent	absent	47	0-3



**Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.**

SSM WTP		
	Number of Grab Samples	Range of Results (min #)-(max #)
Filter #1 (NTU)	8760	0.03 - 1.0
Filter #2 (NTU)	8760	0.04 - 1.0
Filter #3 (NTU)	8760	0.02 - 1.0
Filter #4 (NTU)	8760	0.04 - 1.0
Chlorine (mg/L)	8760	0.51 - 1.63

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

Goulais P/S		
	Number of Grab Samples	Range of Results (min #)-(max #)
Turbidity (NTU)	8760	0.01 - 4.22
Chlorine (mg/L)	8760	0.73 - 1.6

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

Steelton P/S		
	Number of Grab Samples	Range of Results (min #)-(max #)
Turbidity (NTU)	8760	0.05 - 2.57
Chlorine (mg/L)	8760	0.41 - 1.62

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

Shannon P/S		
	Number of Grab Samples	Range of Results (min #)-(max #)
Turbidity (NTU)	8760	0.06 - 5.01
Chlorine (mg/L)	8760	0.16 - 1.68

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

Lorna P/S		
	Number of Grab Samples	Range of Results (min #)-(max #)
Turbidity (NTU)	8760	0.04 - 4.96
Chlorine (mg/L)	8760	0.41 - 1.66

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

Distribution System		
	Number of Grab Samples	Range of Results (min #)-(max #)
Turbidity (NTU)	1120	0.01 – 3.97
Chlorine (mg/L)	1120	0.31 – 1.68

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

*NOTE: Record the unit of measure if it is **not** milligrams per litre.*

**Summary of additional testing and sampling carried out in accordance with the requirement of an approval, order or other legal instrument.**

WTP Additional Raw Water Sampling					
Parameter	Units	dl	MAC	Results	Date Sampled
Bromide	mg/L	0.2		<0.2	Jan 22-08
Total Organic Carbon	mg/L	0.5		1.0	Jan 22-08
Bromide	mg/L	0.2		<0.2	Apr 7-08
Total Organic Carbon	mg/L	0.5		1.5	Apr 7-08
Bromide	mg/L	0.2		<0.2	Jul 7-08
Total Organic Carbon	mg/L	0.5		1.53	Jul 7-08
Bromide	mg/L	0.2		<0.2	Oct 2-08
Total Organic Carbon	mg/L	0.5		2.0	Oct 2-08

Goulais 1 P/S Additional Raw Water Sampling					
Parameter	Units	dl	MAC	Results	Date Sampled
Bromide	mg/L	0.2		<0.2	Jan 22-08
Total Organic Carbon	mg/L	0.5		1.0	Jan 22-08
Bromide	mg/L	0.2		<0.2	Apr 7-08
Total Organic Carbon	mg/L	0.5		<0.5	Apr 7-08
Bromide	mg/L	0.2		<0.2	Jul 7-08
Total Organic Carbon	mg/L	0.5		<0.5	Jul 7-08
Bromide	mg/L	0.2		<0.2	Oct 2-08
Total Organic Carbon	mg/L	0.5		<1.0	Oct 2-08



Goulais 2 P/S Additional Raw Water Sampling					
Parameter	Units	dl	MAC	Results	Date Sampled
Bromide	mg/L	0.2		P/S Not on	P/S Not on
Total Organic Carbon	mg/L	0.5		P/S Not on	P/S Not on
Bromide	mg/L	0.2		P/S Not on	P/S Not on
Total Organic Carbon	mg/L	0.5		P/S Not on	P/S Not on
Bromide	mg/L	0.2		P/S Not on	P/S Not on
Total Organic Carbon	mg/L	0.5		P/S Not on	P/S Not on
Bromide	mg/L	0.2		P/S Not on	P/S Not on
Total Organic Carbon	mg/L	0.5		P/S Not on	P/S Not on

Steelton P/S Additional Raw Water Sampling					
Parameter	Units	dl	MAC	Results	Date Sampled
Bromide	mg/L	0.2		<0.2	Jan 22-08
Total Organic Carbon	mg/L	0.5		1.0	Jan 22-08
Bromide	mg/L	0.2		<0.2	Apr 7-08
Total Organic Carbon	mg/L	0.5		<0.5	Apr 7-08
Bromide	mg/L	0.2		P/S Not on	P/S Not on
Total Organic Carbon	mg/L	0.5		P/S Not on	P/S Not on
Bromide	mg/L	0.2		<0.2	Dec 2-08
Total Organic Carbon	mg/L	0.5		1.0	Dec 2-08

Shannon P/S Additional Raw Water Sampling					
Parameter	Units	dl	MAC	Results	Date Sampled
Bromide	mg/L	0.2		<0.2	Jan 22-08
Total Organic Carbon	mg/L	0.5		1.0	Jan 22-08
Bromide	mg/L	0.2		<0.2	Apr 7-08
Total Organic Carbon	mg/L	0.5		0.99	Apr 7-08
Bromide	mg/L	0.2		0.3	Jul 7-08
Total Organic Carbon	mg/L	0.5		1.05	Jul 7-08
Bromide	mg/L	0.2		0.2	Oct 2-08
Total Organic Carbon	mg/L	0.5		1.0	Oct 2-08

Lorna 1 P/S Additional Raw Water Sampling					
Parameter	Units	dl	MAC	Results	Date Sampled
Bromide	mg/L	0.2		P/S Not on	P/S Not on
Total Organic Carbon	mg/L	0.5		P/S Not on	P/S Not on
Bromide	mg/L	0.2		P/S Not on	P/S Not on
Total Organic Carbon	mg/L	0.5		P/S Not on	P/S Not on
Bromide	mg/L	0.2		P/S Not on	P/S Not on
Total Organic Carbon	mg/L	0.5		P/S Not on	P/S Not on
Bromide	mg/L	0.2		P/S Not on	P/S Not on
Total Organic Carbon	mg/L	0.5		P/S Not on	P/S Not on



<b>Lorna 2 P/S Additional Raw Water Sampling</b>					
<b>Parameter</b>	<b>Units</b>	<b>dl</b>	<b>MAC</b>	<b>Results</b>	<b>Date Sampled</b>
Bromide	mg/L	0.2		0.5	Jan 22-08
Total Organic Carbon	mg/L	0.5		1.0	Jan 22-08
Bromide	mg/L	0.2		0.5	Apr 7-08
Total Organic Carbon	mg/L	0.5		1.3	Apr 7-08
Bromide	mg/L	0.2		0.7	Jul 7-08
Total Organic Carbon	mg/L	0.5		1.22	Jul 7-08
Bromide	mg/L	0.2		0.5	Oct 2-08
Total Organic Carbon	mg/L	0.5		2.0	Oct 2-08

<b>Certificate of Approval – Process Wastewater Monthly Composite Samples</b>								
<b>Month</b>	<b>Temp °C</b>	<b>pH</b>	<b>Total Cl<sub>2</sub> mg/L</b>	<b>Aluminum mg/L</b>	<b>Ammonia mg/L NH<sub>3</sub>-N</b>	<b>Suspended Solids mg/L</b>	<b>Turbidity NTU</b>	<b>Phosphorous mg/L P</b>
<b>Jan-08</b>	7.3	7.8	0.74	2.25	0.02	7.8	3.43	n/d
<b>Feb-08</b>	6.3	7.6	0.54	2.80	0.05	38.4	8.57	n/d
<b>Mar-08</b>	6.3	7.7	0.63	4.04	0.02	13.9	8.56	0.03
<b>Apr-08</b>	7.3	7.8	0.72	3.78	0.01	14.5	14.51	n/d
<b>May-08</b>	8.0	7.6	0.53	2.64	0.05	19.0	8.35	n/d
<b>Jun-08</b>	9.3	8.8	0.59	3.55	0.02	55.2	7.83	n/d
<b>Jul-08</b>	14.7	8.2	0.40	2.14	0.04	14.8	4.84	n/d
<b>Aug-08</b>	17.8	8.5	0.50	2.69	0.02	23.7	9.55	n/d
<b>Sep-08</b>	18.2	8.2	0.55	2.59	0.03	11.7	4.42	n/d
<b>Oct-08</b>	14.7	8.1	0.57	0.48	0.02	14.3	2.24	n/d
<b>Nov-08</b>	13.2	7.9	0.60	1.78	0.02	5.9	2.10	n/d
<b>Dec-08</b>	10.0	7.9	0.77	3.18	0.09	3.6	4.07	n/d

\*Composite sample was taken each month consisting of three individual grab samples taken during the discharge event, with at least one sample taken immediately following the commencement of the discharge, one taken approximately at the mid-point of the discharge event and one sample taken immediately before the discharge ceases.

**Summary of Inorganic parameters tested during this reporting period or the most recent sample results**

<b>WTP (Treated) Schedule 23 - Inorganic Parameters</b>						
<b>Parameter</b>	<b>Units</b>	<b>dl</b>	<b>MAC</b>	<b>Results</b>	<b>Date Sampled</b>	<b>Exceedence</b>
Antimony	mg/L	0.001	0.006	<0.001	Jan 22-08	no
Arsenic	mg/L	0.001	0.025	<0.001	Jan 22-08	no
Barium	mg/L	0.01	1.0	<0.01	Jan 22-08	no
Boron	mg/L	0.05	5.0	<0.05	Jan 22-08	no
Cadmium	mg/L	0.0001	0.005	<0.0001	Jan 22-08	no
Chromium	mg/L	0.001	0.05	<0.001	Jan 22-08	no
Mercury	mg/L	0.0001	0.001	<0.0001	Jan 22-08	no
Selenium	mg/L	0.005	0.01	<0.005	Jan 22-08	no
Uranium	mg/L	0.005	0.02	<0.005	Jan 22-08	no

<b>Goulais 1 P/S (Treated) Schedule 23 - Inorganic Parameters</b>						
<b>Parameter</b>	<b>Units</b>	<b>dl</b>	<b>MAC</b>	<b>Results</b>	<b>Date Sampled</b>	<b>Exceedence</b>
Antimony	mg/L	0.001	0.006	<0.001	Jan 22-08	no
Arsenic	mg/L	0.001	0.025	<0.001	Jan 22-08	no
Barium	mg/L	0.01	1.0	0.03	Jan 22-08	no
Boron	mg/L	0.05	5.0	<0.05	Jan 22-08	no
Cadmium	mg/L	0.0001	0.005	<0.0001	Jan 22-08	no
Chromium	mg/L	0.001	0.05	0.002	Jan 22-08	no
Mercury	mg/L	0.0001	0.001	<0.0001	Jan 22-08	no
Selenium	mg/L	0.005	0.01	<0.005	Jan 22-08	no
Uranium	mg/L	0.005	0.02	<0.005	Jan 22-08	no

<b>Goulais 2 P/S (Treated) Schedule 23 - Inorganic Parameters</b>						
<b>Parameter</b>	<b>Units</b>	<b>dl</b>	<b>MAC</b>	<b>Results</b>	<b>Date Sampled</b>	<b>Exceedence</b>
Antimony	mg/L	0.001	0.006		P/S Not on	P/S Not on
Arsenic	mg/L	0.001	0.025		P/S Not on	P/S Not on
Barium	mg/L	0.01	1.0		P/S Not on	P/S Not on
Boron	mg/L	0.05	5.0		P/S Not on	P/S Not on
Cadmium	mg/L	0.0001	0.005		P/S Not on	P/S Not on
Chromium	mg/L	0.001	0.05		P/S Not on	P/S Not on
Mercury	mg/L	0.0001	0.001		P/S Not on	P/S Not on
Selenium	mg/L	0.005	0.01		P/S Not on	P/S Not on
Uranium	mg/L	0.005	0.02		P/S Not on	P/S Not on



<b>Steelton P/S (Treated) Schedule 23 - Inorganic Parameters</b>						
<b>Parameter</b>	<b>Units</b>	<b>dl</b>	<b>MAC</b>	<b>Results</b>	<b>Date Sampled</b>	<b>Exceedence</b>
Antimony	mg/L	0.001	0.006	<0.001	Jan 22-08	no
Arsenic	mg/L	0.001	0.025	<0.001	Jan 22-08	no
Barium	mg/L	0.01	1.0	0.03	Jan 22-08	no
Boron	mg/L	0.05	5.0	<0.05	Jan 22-08	no
Cadmium	mg/L	0.0001	0.005	<0.0001	Jan 22-08	no
Chromium	mg/L	0.001	0.05	0.001	Jan 22-08	no
Mercury	mg/L	0.0001	0.001	<0.0001	Jan 22-08	no
Selenium	mg/L	0.005	0.01	<0.005	Jan 22-08	no
Uranium	mg/L	0.005	0.02	<0.005	Jan 22-08	no

<b>Shannon P/S (Treated) Schedule 23 - Inorganic Parameters</b>						
<b>Parameter</b>	<b>Units</b>	<b>dl</b>	<b>MAC</b>	<b>Results</b>	<b>Date Sampled</b>	<b>Exceedence</b>
Antimony	mg/L	0.001	0.006	<0.001	Jan 22-08	no
Arsenic	mg/L	0.001	0.025	0.003	Jan 22-08	no
Barium	mg/L	0.01	1.0	0.04	Jan 22-08	no
Boron	mg/L	0.05	5.0	0.24	Jan 22-08	no
Cadmium	mg/L	0.0001	0.005	<0.0001	Jan 22-08	no
Chromium	mg/L	0.001	0.05	<0.001	Jan 22-08	no
Mercury	mg/L	0.0001	0.001	<0.0001	Jan 22-08	no
Selenium	mg/L	0.005	0.01	<0.005	Jan 22-08	no
Uranium	mg/L	0.005	0.02	0.009	Jan 22-08	no

<b>Lorna 1 P/S (Treated) Schedule 23 - Inorganic Parameters</b>						
<b>Parameter</b>	<b>Units</b>	<b>DI</b>	<b>MAC</b>	<b>Results</b>	<b>Date Sampled</b>	<b>Exceedence</b>
Antimony	mg/L	0.001	0.006		P/S Not on	P/S Not on
Arsenic	mg/L	0.001	0.025		P/S Not on	P/S Not on
Barium	mg/L	0.01	1.0		P/S Not on	P/S Not on
Boron	mg/L	0.05	5.0		P/S Not on	P/S Not on
Cadmium	mg/L	0.0001	0.005		P/S Not on	P/S Not on
Chromium	mg/L	0.001	0.05		P/S Not on	P/S Not on
Mercury	mg/L	0.0001	0.001		P/S Not on	P/S Not on
Selenium	mg/L	0.005	0.01		P/S Not on	P/S Not on
Uranium	mg/L	0.005	0.02		P/S Not on	P/S Not on

Lorna 2 P/S (Treated) Schedule 23 - Inorganic Parameters						
Parameter	Units	DI	MAC	Results	Date Sampled	Exceedence
Antimony	mg/L	0.001	0.006	<0.001	Jan 22-08	no
Arsenic	mg/L	0.001	0.025	0.002	Jan 22-08	no
Barium	mg/L	0.01	1.0	0.04	Jan 22-08	no
Boron	mg/L	0.05	5.0	0.11	Jan 22-08	no
Cadmium	mg/L	0.0001	0.005	<0.0001	Jan 22-08	no
Chromium	mg/L	0.001	0.05	0.001	Jan 22-08	no
Mercury	mg/L	0.0001	0.001	<0.0001	Jan 22-08	no
Selenium	mg/L	0.005	0.01	<0.005	Jan 22-08	no
Uranium	mg/L	0.005	0.02	0.007	Jan 22-08	no

WTP (Treated) Schedule 13						
Parameter	Units	dl	MAC	Results	Date Sampled	Exceedence
Nitrite	mg/L	0.02	1.0	<0.02	Jan 22-08	no
Nitrate	mg/L	0.03	10.0	0.36	Jan 22-08	no
Nitrite	mg/L	0.02	1.0	<0.02	Apr 7-08	no
Nitrate	mg/L	0.03	10.0	0.37	Apr 7-08	no
Nitrite	mg/L	0.02	1.0	<0.02	Jul 7-08	no
Nitrate	mg/L	0.03	10.0	0.39	Jul 7-08	no
Nitrite	mg/L	0.02	1.0	<0.02	Oct 2-08	no
Nitrate	mg/L	0.03	10.0	0.29	Oct 2-08	no
Sodium (60 months)	mg/L	0.005	20	1.55	Mar 1-06	no
Fluoride (60 months)	mg/L	0.03	1.5	0.07	Mar 1-06	no

Goulais 1 P/S (Treated) Schedule 13						
Parameter	Units	dl	MAC	Results	Date Sampled	Exceedence
Nitrite	mg/L	0.02	1.0	<0.02	Jan 22-08	no
Nitrate	mg/L	0.03	10.0	0.91	Jan 22-08	no
Nitrite	mg/L	0.02	1.0	<0.02	Apr 7-08	no
Nitrate	mg/L	0.03	10.0	0.93	Apr 7-08	no
Nitrite	mg/L	0.02	1.0	<0.02	Jul 7-08	no
Nitrate	mg/L	0.03	10.0	1.0	Jul 7-08	no
Nitrite	mg/L	0.02	1.0	<0.02	Oct 2-08	no
Nitrate	mg/L	0.03	10.0	0.89	Oct 2-08	no
Sodium (60 months)	mg/L	0.005	20	10.9	Mar 1-06	no
Fluoride (60 months)	mg/L	0.03	1.5	0.07	Mar 1-06	no



Goulais 2 P/S (Treated) Schedule 13						
Parameter	Units	dl	MAC	Results	Date Sampled	Exceedence
Nitrite	mg/L	0.02	1.0	P/S Not on	P/S Not on	
Nitrate	mg/L	0.03	10.0	P/S Not on	P/S Not on	
Nitrite	mg/L	0.02	1.0	P/S Not on	P/S Not on	
Nitrate	mg/L	0.03	10.0	P/S Not on	P/S Not on	
Nitrite	mg/L	0.02	1.0	P/S Not on	P/S Not on	
Nitrate	mg/L	0.03	10.0	P/S Not on	P/S Not on	
Nitrite	mg/L	0.02	1.0	P/S Not on	P/S Not on	
Nitrate	mg/L	0.03	10.0	P/S Not on	P/S Not on	
Sodium (60 months)	mg/L	0.005	20	P/S Not on	P/S Not on	
Fluoride (60 months)	mg/L	0.03	1.5	P/S Not on	P/S Not on	

Steelton P/S (Treated) Schedule 13						
Parameter	Units	dl	MAC	Results	Date Sampled	Exceedence
Nitrite	mg/L	0.02	1.0	<0.02	Jan 22-08	no
Nitrate	mg/L	0.03	10.0	0.93	Jan 22-08	no
Nitrite	mg/L	0.02	1.0	<0.02	Apr 7-08	no
Nitrate	mg/L	0.03	10.0	0.92	Apr 7-08	no
Nitrite	mg/L	0.02	1.0	P/S Not on	P/S Not on	no
Nitrate	mg/L	0.03	10.0	P/S Not on	P/S Not on	no
Nitrite	mg/L	0.02	1.0	<0.02	Dec 2-08	no
Nitrate	mg/L	0.03	10.0	0.99	Dec 2-08	no
Sodium (60 months)	mg/L	0.005	20	8.69	Mar 1-06	no
Fluoride (60 months)	mg/L	0.03	1.5	0.08	Mar 1-06	no

Shannon P/S (Treated) Schedule 13						
Parameter	Units	dl	MAC	Results	Date Sampled	Exceedence
Nitrite	mg/L	0.02	1.0	<0.02	Jan 22-08	no
Nitrate	mg/L	0.03	10.0	<0.03	Jan 22-08	no
Nitrite	mg/L	0.02	1.0	<0.02	Apr 7-08	no
Nitrate	mg/L	0.03	10.0	<0.03	Apr 7-08	no
Nitrite	mg/L	0.02	1.0	<0.02	Jul 7-08	no
Nitrate	mg/L	0.03	10.0	<0.03	Jul 7-08	no
Nitrite	mg/L	0.02	1.0	<0.02	Oct 2-08	no
Nitrate	mg/L	0.03	10.0	<0.03	Oct 2-08	no
Sodium (60 months)	mg/L	0.005	20	30.3 & 28.0 *	Jul 24 & 27-06	yes
Fluoride (60 months)	mg/L	0.03	1.5	0.24	Jul 24-06	no

\* Initial sample & resample, Algoma Health Unit notified

<b>Lorna 1 P/S (Treated) Schedule 13</b>						
<b>Parameter</b>	<b>Units</b>	<b>dl</b>	<b>MAC</b>	<b>Results</b>	<b>Date Sampled</b>	<b>Exceedence</b>
Nitrite	mg/L	0.02	1.0	P/S Not on	P/S Not on	
Nitrate	mg/L	0.03	10.0	P/S Not on	P/S Not on	
Nitrite	mg/L	0.02	1.0	P/S Not on	P/S Not on	
Nitrate	mg/L	0.03	10.0	P/S Not on	P/S Not on	
Nitrite	mg/L	0.02	1.0	P/S Not on	P/S Not on	
Nitrate	mg/L	0.03	10.0	P/S Not on	P/S Not on	
Nitrite	mg/L	0.02	1.0	P/S Not on	P/S Not on	
Nitrate	mg/L	0.03	10.0	P/S Not on	P/S Not on	
<b>Sodium (60 months)</b>	<b>mg/L</b>	<b>0.005</b>	<b>20</b>	<b>31.2 &amp; 32.0 *</b>	<b>Mar 1 &amp; 8-06</b>	<b>yes</b>
<b>Fluoride (60 months)</b>	<b>mg/L</b>	<b>0.03</b>	<b>1.5</b>	<b>0.16</b>	<b>Mar 1-06</b>	<b>no</b>

*\* Initial sample & resample, Algoma Health Unit notified*

<b>Lorna 2 P/S (Treated) Schedule 13</b>						
<b>Parameter</b>	<b>Units</b>	<b>dl</b>	<b>MAC</b>	<b>Results</b>	<b>Date Sampled</b>	<b>Exceedence</b>
Nitrite	mg/L	0.02	1.0	<0.02	Jan 22-08	no
Nitrate	mg/L	0.03	10.0	<0.03	Jan 22-08	no
Nitrite	mg/L	0.02	1.0	<0.02	Apr 7-08	no
Nitrate	mg/L	0.03	10.0	<0.03	Apr 7-08	no
Nitrite	mg/L	0.02	1.0	<0.02	Jul 7-08	no
Nitrate	mg/L	0.03	10.0	<0.03	Jul 7-08	no
Nitrite	mg/L	0.02	1.0	<0.02	Oct 2-08	no
Nitrate	mg/L	0.03	10.0	<0.03	Oct 2-08	no
<b>Sodium (60 months)</b>	<b>mg/L</b>	<b>0.005</b>	<b>20</b>	<b>32.3 &amp; 32.1 *</b>	<b>Oct 12 &amp; 16-06</b>	<b>yes</b>
<b>Fluoride (60 months)</b>	<b>mg/L</b>	<b>0.03</b>	<b>1.5</b>	<b>0.26</b>	<b>Oct 12-06</b>	<b>no</b>

*\*Initial sample & resample, Algoma Health Unit notified*

### Summary of lead testing under Schedule 15.1 during this reporting period

(applicable to the following drinking water systems; large municipal residential systems, small municipal residential systems, and non-municipal year-round residential systems)

<b>Location Type</b>	<b>Number of Samples</b>	<b>Range of Lead Results (min#) – (max #)</b>	<b>Number of Exceedances</b>	<b>Units</b>
<b>Plumbing - Residential</b>	<b>261</b>	<b>&lt;1 - 57</b>	<b>59</b>	<b>ug/L</b>
<b>Plumbing – Non Residential</b>	<b>18</b>	<b>&lt;1 - 9</b>	<b>0</b>	<b>ug/L</b>
<b>Distribution</b>	<b>33</b>	<b>&lt;1 - 9</b>	<b>0</b>	<b>ug/L</b>

**Summary of Organic parameters sampled during this reporting period or the most recent sample results**

<b>SSM WTP – Schedule 24 – Organic Parameters (Treated)</b>						
<b>Parameter</b>	<b>Units</b>	<b>dl</b>	<b>MAC</b>	<b>Results</b>	<b>Date Sampled</b>	<b>Exceedence</b>
Alachlor	mg/L	0.0001	0.005	<0.0001	Jan 22-08	no
Aldicarb	mg/L	0.009	0.009	<0.009	Jan 22-08	no
Aldrin + Dieldrin	mg/L	0.00004	0.0007	<0.00004	Jan 22-08	no
Atrazine + N-dealkylated metabolites	mg/L	0.0002	0.005	<0.0002	Jan 22-08	no
Azinphos-methyl	mg/L	0.0001	0.02	<0.0001	Jan 22-08	no
Bendiocarb	mg/L	0.0002	0.04	<0.0002	Jan 22-08	no
Benzene	mg/L	0.0005	0.005	<0.0005	Feb 4-08	no
Benzo(a)pyrene	mg/L	0.00001	0.00001	<0.00001	Jan 22-08	no
Bromoxynil	mg/L	0.0002	0.005	<0.0002	Jan 22-08	no
Carbaryl	mg/L	0.0002	0.09	<0.0002	Jan 22-08	no
Carbofuran	mg/L	0.0002	0.09	<0.0002	Jan 22-08	no
Carbon Tetrachloride	mg/L	0.0005	0.005	<0.0005	Feb 4-08	no
Chlordane (Total)	mg/L	0.0003	0.007	<0.0003	Jan 22-08	no
Chlorpyrifos	mg/L	0.0001	0.09	<0.0001	Jan 22-08	no
Cyanazine	mg/L	0.0001	0.01	<0.0001	Jan 22-08	no
Diazinon	mg/L	0.0001	0.02	<0.0001	Jan 22-08	no
Dicamba	mg/L	0.0002	0.12	<0.0002	Jan 22-08	no
1,2-Dichlorobenzene	mg/L	0.0005	0.2	<0.0005	Feb 4-08	no
1,4-Dichlorobenzene	mg/L	0.0005	0.005	<0.0005	Feb 4-08	no
Dichlorodiphenyltrichloroethane (DDT) + metabolites	mg/L	0.0004	0.03	<0.0004	Jan 22-08	no
1,2-Dichloroethane	mg/L	0.0005	0.005	<0.0005	Feb 4-08	no
1,1-Dichloroethylene (vinylidene chloride)	mg/L	0.0005	0.014	<0.0005	Feb 4-08	no
Dichloromethane	mg/L	0.0005	0.05	<0.0005	Feb 4-08	no
2-4 Dichlorophenol	mg/L	0.0005	0.9	<0.0005	Jan 22-08	no
2,4-Dichlorophenoxy acetic acid (2,4-D)	mg/L	0.0002	0.1	<0.0002	Jan 22-08	no
Diclofop-methyl	mg/L	0.0002	0.009	<0.0002	Jan 22-08	no
Dimethoate	mg/L	0.0001	0.02	<0.0001	Jan 22-08	no
Dinoseb	mg/L	0.0002	0.01	<0.0002	Jan 22-08	no
Diquat	mg/L	0.007	0.07	<0.007	Jan 22-08	no
Diuron	mg/L	0.010	0.15	<0.010	Jan 22-08	no
Glyphosate	mg/L	0.010	0.28	<0.010	Jan 22-08	no
Heptachlor + Heptachlor Epoxide	mg/L	0.0002	0.003	<0.0002	Jan 22-08	no
Lindane (Total)	mg/L	0.0001	0.004	<0.0001	Jan 22-08	no
Malathion	mg/L	0.0001	0.19	<0.0001	Jan 22-08	no
Methoxychlor	mg/L	0.0001	0.9	<0.0001	Jan 22-08	no
Metolachlor	mg/L	0.0001	0.05	<0.0001	Jan 22-08	no
Metribuzin	mg/L	0.0001	0.08	<0.0001	Jan 22-08	no

Monochlorobenzene	mg/L	0.0005	0.08	<0.0005	Feb 4-08	no
Paraquat	mg/L	0.001	0.01	<0.001	Jan 22-08	no
Parathion	mg/L	0.0001	0.05	<0.0001	Jan 22-08	no
Pentachlorophenol	mg/L	0.0005	0.06	<0.0005	Jan 22-08	no
Phorate	mg/L	0.0001	0.002	<0.0001	Jan 22-08	no
Picloram	mg/L	0.0002	0.19	<0.0002	Jan 22-08	no
Polychlorinated Biphenyls(PCB)	mg/L	0.00002	0.003	<0.00002	Jan 22-08	no
Prometryne	mg/L	0.0001	0.001	<0.0001	Jan 22-08	no
Simazine	mg/L	0.0001	0.01	<0.0001	Jan 22-08	no
Temephos	mg/L	0.0001	0.28	<0.0001	Jan 22-08	no
Terbufos	mg/L	0.0002	0.001	<0.0002	Jan 22-08	no
Tetrachloroethylene	mg/L	0.0005	0.03	<0.0005	Feb 4-08	no
2,3,4,6-Tetrachlorophenol	mg/L	0.0005	0.1	<0.0005	Jan 22-08	no
Triallate	mg/L	0.0001	0.23	<0.0001	Jan 22-08	no
Trichloroethylene	mg/L	0.0005	0.005	<0.0005	Feb 4-08	no
2,4,6-Trichlorophenol	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	mg/L	0.0001	0.28	<0.0002	Jan 22-08	no
Trifluralin	mg/L	0.0002	0.045	<0.0001	Jan 22-08	no
Vinyl Chloride	mg/L	0.0005	0.002	<0.0005	Feb 4-08	no

**Goulais 1 P/S – Schedule 24 – Organic Parameters (Treated)**

Parameter	Units	dl	MAC	Results	Date Sampled	Exceedence
Alachlor	mg/L	0.0001	0.005	<0.0001	Jan 22-08	no
Aldicarb	mg/L	0.009	0.009	<0.009	Jan 22-08	no
Aldrin + Dieldrin	mg/L	0.00004	0.0007	<0.00004	Jan 22-08	no
Atrazine + N-dealkylated metabolites	mg/L	0.0002	0.005	<0.0002	Jan 22-08	no
Azinphos-methyl	mg/L	0.0001	0.02	<0.0001	Jan 22-08	no
Bendiocarb	mg/L	0.0002	0.04	<0.0002	Jan 22-08	no
Benzene	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
Benzo(a)pyrene	mg/L	0.00001	0.00001	<0.0001	Jan 22-08	no
Bromoxynil	mg/L	0.0002	0.005	<0.0002	Jan 22-08	no
Carbaryl	mg/L	0.0002	0.09	<0.0002	Jan 22-08	no
Carbofuran	mg/L	0.0002	0.09	<0.0002	Jan 22-08	no
Carbon Tetrachloride	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
Chlordane (Total)	mg/L	0.0003	0.007	<0.0003	Jan 22-08	no
Chlorpyrifos	mg/L	0.0001	0.09	<0.0001	Jan 22-08	no
Cyanazine	mg/L	0.0001	0.01	<0.0001	Jan 22-08	no
Diazinon	mg/L	0.0001	0.02	<0.0001	Jan 22-08	no
Dicamba	mg/L	0.0002	0.12	<0.0002	Jan 22-08	no
1,2-Dichlorobenzene	mg/L	0.0005	0.2	<0.0005	Jan 22-08	no
1,4-Dichlorobenzene	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
Dichlorodiphenyltrichloroethane (DDT) + metabolites	mg/L	0.0004	0.03	<0.0004	Jan 22-08	no



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1,2-Dichloroethane	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
1,1-Dichloroethylene (vinylidene chloride)	mg/L	0.0005	0.014	<0.0005	Jan 22-08	no
Dichloromethane	mg/L	0.0005	0.05	<0.0005	Jan 22-08	no
2,4-Dichlorophenol	mg/L	0.0005	0.9	<0.0005	Jan 22-08	no
2,4-Dichlorophenoxy acetic acid (2,4-D)	mg/L	0.0002	0.1	<0.0002	Jan 22-08	no
Diclofop-methyl	mg/L	0.0002	0.009	<0.0002	Jan 22-08	no
Dimethoate	mg/L	0.0001	0.02	<0.0001	Jan 22-08	no
Dinoseb	mg/L	0.0002	0.01	<0.0002	Jan 22-08	no
Diquat	mg/L	0.007	0.07	<0.007	Jan 22-08	no
Diuron	mg/L	0.010	0.15	<0.010	Jan 22-08	no
Glyphosate	mg/L	0.010	0.28	<0.010	Jan 22-08	no
Heptachlor + Heptachlor Epoxide	mg/L	0.0002	0.003	<0.0002	Jan 22-08	no
Lindane (Total)	mg/L	0.0001	0.004	<0.0001	Jan 22-08	no
Malathion	mg/L	0.0001	0.19	<0.0001	Jan 22-08	no
Methoxychlor	mg/L	0.0001	0.9	<0.0001	Jan 22-08	no
Metolachlor	mg/L	0.0001	0.05	<0.0001	Jan 22-08	no
Metribuzin	mg/L	0.0001	0.08	<0.0001	Jan 22-08	no
Monochlorobenzene	mg/L	0.0005	0.08	<0.0005	Jan 22-08	no
Paraquat	mg/L	0.001	0.01	<0.001	Jan 22-08	no
Parathion	mg/L	0.0001	0.05	<0.0001	Jan 22-08	no
Pentachlorophenol	mg/L	0.0005	0.06	<0.0005	Jan 22-08	no
Phorate	mg/L	0.0001	0.002	<0.0001	Jan 22-08	no
Picloram	mg/L	0.0002	0.19	<0.0002	Jan 22-08	no
Polychlorinated Biphenyls(PCB)	mg/L	0.00002	0.003	<0.00002	Jan 22-08	no
Prometryne	mg/L	0.0001	0.001	<0.0001	Jan 22-08	no
Simazine	mg/L	0.0001	0.01	<0.0001	Jan 22-08	no
Temephos	mg/L	0.0001	0.28	<0.0001	Jan 22-08	no
Terbufos	mg/L	0.0002	0.001	<0.0002	Jan 22-08	no
Tetrachloroethylene	mg/L	0.0005	0.03	<0.0005	Jan 22-08	no
2,3,4,6-Tetrachlorophenol	mg/L	0.0005	0.1	<0.0005	Jan 22-08	no
Triallate	mg/L	0.0001	0.23	<0.0001	Jan 22-08	no
Trichloroethylene	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
2,4,6-Trichlorophenol	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	mg/L	0.0001	0.28	<0.0001	Jan 22-08	no
Trifluralin	mg/L	0.0002	0.045	<0.0002	Jan 22-08	no
Vinyl Chloride	mg/L	0.0005	0.002	<0.0005	Jan 22-08	no

**Goulais 2 P/S – Schedule 24 – Organic Parameters (Treated)**

Parameter	Units	dl	MAC	Results	Date Sampled	Exceedence
Alachlor	mg/L	0.0001	0.005	P/S Not on	P/S Not on	
Aldicarb	mg/L	0.009	0.009	P/S Not on	P/S Not on	
Aldrin + Dieldrin	mg/L	0.00004	0.0007	P/S Not on	P/S Not on	
Atrazine + N-dealkylated metabolites	mg/L	0.0002	0.005	P/S Not on	P/S Not on	
Azinphos-methyl	mg/L	0.0001	0.02	P/S Not on	P/S Not on	
Bendiocarb	mg/L	0.0002	0.04	P/S Not on	P/S Not on	
Benzene	mg/L	0.0005	0.005	P/S Not on	P/S Not on	
Benzo(a)pyrene	mg/L	0.00001	0.00001	P/S Not on	P/S Not on	
Bromoxynil	mg/L	0.0002	0.005	P/S Not on	P/S Not on	
Carbaryl	mg/L	0.0002	0.09	P/S Not on	P/S Not on	
Carbofuran	mg/L	0.0002	0.09	P/S Not on	P/S Not on	
Carbon Tetrachloride	mg/L	0.0005	0.005	P/S Not on	P/S Not on	
Chlordane (Total)	mg/L	0.0003	0.007	P/S Not on	P/S Not on	
Chlorpyrifos	mg/L	0.0001	0.09	P/S Not on	P/S Not on	
Cyanazine	mg/L	0.0001	0.01	P/S Not on	P/S Not on	
Diazinon	mg/L	0.0001	0.02	P/S Not on	P/S Not on	
Dicamba	mg/L	0.0002	0.12	P/S Not on	P/S Not on	
1,2-Dichlorobenzene	mg/L	0.0005	0.2	P/S Not on	P/S Not on	
1,4-Dichlorobenzene	mg/L	0.0005	0.005	P/S Not on	P/S Not on	
Dichlorodiphenyltrichloroethane (DDT) + metabolites	mg/L	0.0004	0.03	P/S Not on	P/S Not on	
1,2-Dichloroethane	mg/L	0.0005	0.005	P/S Not on	P/S Not on	
1,1-Dichloroethylene (vinylidene chloride)	mg/L	0.0005	0.014	P/S Not on	P/S Not on	
Dichloromethane	mg/L	0.0005	0.05	P/S Not on	P/S Not on	
2-4 Dichlorophenol	mg/L	0.0005	0.9	P/S Not on	P/S Not on	
2,4-Dichlorophenoxy acetic acid (2,4-D)	mg/L	0.0002	0.1	P/S Not on	P/S Not on	
Diclofop-methyl	mg/L	0.0002	0.009	P/S Not on	P/S Not on	
Dimethoate	mg/L	0.0001	0.02	P/S Not on	P/S Not on	
Dinoseb	mg/L	0.0002	0.01	P/S Not on	P/S Not on	
Diquat	mg/L	0.007	0.07	P/S Not on	P/S Not on	
Diuron	mg/L	0.010	0.15	P/S Not on	P/S Not on	
Glyphosate	mg/L	0.010	0.28	P/S Not on	P/S Not on	
Heptachlor + Heptachlor Epoxide	mg/L	0.0002	0.003	P/S Not on	P/S Not on	
Lindane (Total)	mg/L	0.0001	0.004	P/S Not on	P/S Not on	
Malathion	mg/L	0.0001	0.19	P/S Not on	P/S Not on	
Methoxychlor	mg/L	0.0001	0.9	P/S Not on	P/S Not on	
Metolachlor	mg/L	0.0001	0.05	P/S Not on	P/S Not on	
Metribuzin	mg/L	0.0001	0.08	P/S Not on	P/S Not on	
Monochlorobenzene	mg/L	0.0005	0.08	P/S Not on	P/S Not on	
Paraquat	mg/L	0.001	0.01	P/S Not on	P/S Not on	
Parathion	mg/L	0.0001	0.05	P/S Not on	P/S Not on	

Pentachlorophenol	mg/L	0.0005	0.06	P/S Not on	P/S Not on	
Phorate	mg/L	0.0001	0.002	P/S Not on	P/S Not on	
Picloram	mg/L	0.0002	0.19	P/S Not on	P/S Not on	
Polychlorinated Biphenyls(PCB)	mg/L	0.00002	0.003	P/S Not on	P/S Not on	
Prometryne	mg/L	0.0001	0.001	P/S Not on	P/S Not on	
Simazine	mg/L	0.0001	0.01	P/S Not on	P/S Not on	
Temephos	mg/L	0.0001	0.28	P/S Not on	P/S Not on	
Terbufos	mg/L	0.0002	0.001	P/S Not on	P/S Not on	
Tetrachloroethylene	mg/L	0.0005	0.03	P/S Not on	P/S Not on	
2,3,4,6-Tetrachlorophenol	mg/L	0.0005	0.1	P/S Not on	P/S Not on	
Triallate	mg/L	0.0001	0.23	P/S Not on	P/S Not on	
Trichloroethylene	mg/L	0.0005	0.005	P/S Not on	P/S Not on	
2,4,6-Trichlorophenol	mg/L	0.0005	0.005	P/S Not on	P/S Not on	
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	mg/L	0.0001	0.28	P/S Not on	P/S Not on	
Trifluralin	mg/L	0.0002	0.045	P/S Not on	P/S Not on	
Vinyl Chloride	mg/L	0.0005	0.002	P/S Not on	P/S Not on	

**Steelton P/S – Schedule 24 – Organic Parameters (Treated)**

Parameter	Units	dl	MAC	Results	Date Sampled	Exceedence
Alachlor	mg/L	0.0001	0.005	<0.0001	Jan 22-08	no
Aldicarb	mg/L	0.009	0.009	<0.009	Jan 22-08	no
Aldrin + Dieldrin	mg/L	0.00004	0.0007	<0.00004	Jan 22-08	no
Atrazine + N-dealkylated metabolites	mg/L	0.0002	0.005	<0.0002	Jan 22-08	no
Azinphos-methyl	mg/L	0.0001	0.02	<0.0001	Jan 22-08	no
Bendiocarb	mg/L	0.0002	0.04	<0.0002	Jan 22-08	no
Benzene	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
Benzo(a)pyrene	mg/L	0.00001	0.00001	<0.00001	Jan 22-08	no
Bromoxynil	mg/L	0.0002	0.005	<0.0002	Jan 22-08	no
Carbaryl	mg/L	0.0002	0.09	<0.0002	Jan 22-08	no
Carbofuran	mg/L	0.0002	0.09	<0.0002	Jan 22-08	no
Carbon Tetrachloride	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
Chlordane (Total)	mg/L	0.0003	0.007	<0.0003	Jan 22-08	no
Chlorpyrifos	mg/L	0.0001	0.09	<0.0001	Jan 22-08	no
Cyanazine	mg/L	0.0001	0.01	<0.0001	Jan 22-08	no
Diazinon	mg/L	0.0001	0.02	<0.0001	Jan 22-08	no
Dicamba	mg/L	0.0002	0.12	<0.0002	Jan 22-08	no
1,2-Dichlorobenzene	mg/L	0.0005	0.2	<0.0005	Jan 22-08	no
1,4-Dichlorobenzene	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
Dichlorodiphenyltrichloroethane (DDT) + metabolites	mg/L	0.0004	0.03	<0.0004	Jan 22-08	no
1,2-Dichloroethane	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
1,1-Dichloroethylene (vinylidene chloride)	mg/L	0.0005	0.014	<0.0005	Jan 22-08	no

Dichloromethane	mg/L	0.0005	0.05	<0.0005	Jan 22-08	no
2-4 Dichlorophenol	mg/L	0.0005	0.9	<0.0005	Jan 22-08	no
2,4-Dichlorophenoxy acetic acid (2,4-D)	mg/L	0.0002	0.1	<0.0002	Jan 22-08	no
Diclofop-methyl	mg/L	0.0002	0.009	<0.0002	Jan 22-08	no
Dimethoate	mg/L	0.0001	0.02	<0.0001	Jan 22-08	no
Dinoseb	mg/L	0.0002	0.01	<0.0002	Jan 22-08	no
Diquat	mg/L	0.007	0.07	<0.0007	Jan 22-08	no
Diuron	mg/L	0.010	0.15	<0.010	Jan 22-08	no
Glyphosate	mg/L	0.010	0.28	<0.010	Jan 22-08	no
Heptachlor + Heptachlor Epoxide	mg/L	0.0002	0.003	<0.0002	Jan 22-08	no
Lindane (Total)	mg/L	0.0001	0.004	<0.0001	Jan 22-08	no
Malathion	mg/L	0.0001	0.19	<0.0001	Jan 22-08	no
Methoxychlor	mg/L	0.0001	0.9	<0.0001	Jan 22-08	no
Metolachlor	mg/L	0.0001	0.05	<0.0001	Jan 22-08	no
Metribuzin	mg/L	0.0001	0.08	<0.0001	Jan 22-08	no
Monochlorobenzene	mg/L	0.0005	0.08	<0.0005	Jan 22-08	no
Paraquat	mg/L	0.001	0.01	<0.001	Jan 22-08	no
Parathion	mg/L	0.0001	0.05	<0.0001	Jan 22-08	no
Pentachlorophenol	mg/L	0.0005	0.06	<0.0005	Jan 22-08	no
Phorate	mg/L	0.0001	0.002	<0.0001	Jan 22-08	no
Picloram	mg/L	0.0002	0.19	<0.0002	Jan 22-08	no
Polychlorinated Biphenyls(PCB)	mg/L	0.00002	0.003	<0.00002	Jan 22-08	no
Prometryne	mg/L	0.0001	0.001	<0.0001	Jan 22-08	no
Simazine	mg/L	0.0001	0.01	<0.0001	Jan 22-08	no
Temephos	mg/L	0.0001	0.28	<0.0001	Jan 22-08	no
Terbufos	mg/L	0.0002	0.001	<0.0002	Jan 22-08	no
Tetrachloroethylene	mg/L	0.0005	0.03	<0.0005	Jan 22-08	no
2,3,4,6-Tetrachlorophenol	mg/L	0.0005	0.1	<0.0005	Jan 22-08	no
Triallate	mg/L	0.0001	0.23	<0.0001	Jan 22-08	no
Trichloroethylene	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
2,4,6-Trichlorophenol	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	mg/L	0.0001	0.28	<0.0001	Jan 22-08	no
Trifluralin	mg/L	0.0002	0.045	<0.0002	Jan 22-08	no
Vinyl Chloride	mg/L	0.0005	0.002	<0.0005	Jan 22-08	no

**Shannon P/S – Schedule 24 – Organic Parameters (Treated)**

Parameter	Units	dl	MAC	Results	Date Sampled	Exceedence
Alachlor	mg/L	0.0001	0.005	<0.0001	Jan 22-08	no
Aldicarb	mg/L	0.009	0.009	<0.009	Jan 22-08	no
Aldrin + Dieldrin	mg/L	0.00004	0.0007	<0.00004	Jan 22-08	no
Atrazine + N-dealkylated metabolites	mg/L	0.0002	0.005	<0.0002	Jan 22-08	no
Azinphos-methyl	mg/L	0.0001	0.02	<0.0001	Jan 22-08	no
Bendiocarb	mg/L	0.0002	0.04	<0.0002	Jan 22-08	no
Benzene	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
Benzo(a)pyrene	mg/L	0.00001	0.00001	<0.00001	Jan 22-08	no
Bromoxnyl	mg/L	0.0002	0.005	<0.0002	Jan 22-08	no
Carbaryl	mg/L	0.0002	0.09	<0.0002	Jan 22-08	no
Carbofuran	mg/L	0.0002	0.09	<0.0002	Jan 22-08	no
Carbon Tetrachloride	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
Chlordane (Total)	mg/L	0.0003	0.007	<0.0003	Jan 22-08	no
Chlorpyrifos	mg/L	0.0001	0.09	<0.0001	Jan 22-08	no
Cyanazine	mg/L	0.0001	0.01	<0.0001	Jan 22-08	no
Diazinon	mg/L	0.0001	0.02	<0.0001	Jan 22-08	no
Dicamba	mg/L	0.0002	0.12	<0.0002	Jan 22-08	no
1,2-Dichlorobenzene	mg/L	0.0005	0.2	<0.0005	Jan 22-08	no
1,4-Dichlorobenzene	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
Dichlorodiphenyltrichloroethane (DDT) + metabolites	mg/L	0.0004	0.03	<0.0004	Jan 22-08	no
1,2-Dichloroethane	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
1,1-Dichloroethylene (vinylidene chloride)	mg/L	0.0005	0.014	<0.0005	Jan 22-08	no
Dichloromethane	mg/L	0.0005	0.05	<0.0005	Jan 22-08	no
2-4 Dichlorophenol	mg/L	0.0005	0.9	<0.0005	Jan 22-08	no
2,4-Dichlorophenoxy acetic acid (2,4-D)	mg/L	0.0002	0.1	<0.0002	Jan 22-08	no
Diclofop-methyl	mg/L	0.0002	0.009	<0.0002	Jan 22-08	no
Dimethoate	mg/L	0.0001	0.02	<0.0001	Jan 22-08	no
Dinoseb	mg/L	0.0002	0.01	<0.0002	Jan 22-08	no
Diquat	mg/L	0.007	0.07	<0.007	Jan 22-08	no
Diuron	mg/L	0.010	0.15	<0.010	Jan 22-08	no
Glyphosate	mg/L	0.010	0.28	<0.010	Jan 22-08	no
Heptachlor + Heptachlor Epoxide	mg/L	0.0002	0.003	<0.0002	Jan 22-08	no
Lindane (Total)	mg/L	0.0001	0.004	<0.0001	Jan 22-08	no
Malathion	mg/L	0.0001	0.19	<0.0001	Jan 22-08	no
Methoxychlor	mg/L	0.0001	0.9	<0.0001	Jan 22-08	no
Metolachlor	mg/L	0.0001	0.05	<0.0001	Jan 22-08	no
Metribuzin	mg/L	0.0001	0.08	<0.0001	Jan 22-08	no
Monochlorobenzene	mg/L	0.0005	0.08	<0.0005	Jan 22-08	no
Paraquat	mg/L	0.001	0.01	<0.001	Jan 22-08	no
Parathion	mg/L	0.0001	0.05	<0.0001	Jan 22-08	no

Pentachlorophenol	mg/L	0.0005	0.06	<0.0005	Jan 22-08	no
Phorate	mg/L	0.0001	0.002	<0.0001	Jan 22-08	no
Picloram	mg/L	0.0002	0.19	<0.0002	Jan 22-08	no
Polychlorinated Biphenyls(PCB)	mg/L	0.00002	0.003	<0.00002	Jan 22-08	no
Prometryne	mg/L	0.0001	0.001	<0.0001	Jan 22-08	no
Simazine	mg/L	0.0001	0.01	<0.0001	Jan 22-08	no
Temephos	mg/L	0.0001	0.28	<0.0001	Jan 22-08	no
Terbufos	mg/L	0.0002	0.001	<0.0002	Jan 22-08	no
Tetrachloroethylene	mg/L	0.0005	0.03	<0.0005	Jan 22-08	no
2,3,4,6-Tetrachlorophenol	mg/L	0.0005	0.1	<0.0005	Jan 22-08	no
Triallate	mg/L	0.0001	0.23	<0.0001	Jan 22-08	no
Trichloroethylene	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
2,4,6-Trichlorophenol	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	mg/L	0.0001	0.28	<0.0001	Jan 22-08	no
Trifluralin	mg/L	0.0002	0.045	<0.0002	Jan 22-08	no
Vinyl Chloride	mg/L	0.0005	0.002	<0.0005	Jan 22-08	no

**Lorna 1 P/S – Schedule 24 – Organic Parameters (Treated)**

Parameter	Units	dl	MAC	Results	Date Sampled	Exceedence
Alachlor	mg/L	0.0001	0.005	P/S Not on	P/S Not on	
Aldicarb	mg/L	0.009	0.009	P/S Not on	P/S Not on	
Aldrin + Dieldrin	mg/L	0.00004	0.0007	P/S Not on	P/S Not on	
Atrazine + N-dealkylated metabolites	mg/L	0.0002	0.005	P/S Not on	P/S Not on	
Azinphos-methyl	mg/L	0.0001	0.02	P/S Not on	P/S Not on	
Bendiocarb	mg/L	0.0002	0.04	P/S Not on	P/S Not on	
Benzene	mg/L	0.0005	0.005	P/S Not on	P/S Not on	
Benzo(a)pyrene	mg/L	0.00001	0.00001	P/S Not on	P/S Not on	
Bromoxynil	mg/L	0.0002	0.005	P/S Not on	P/S Not on	
Carbaryl	mg/L	0.0002	0.09	P/S Not on	P/S Not on	
Carbofuran	mg/L	0.0002	0.09	P/S Not on	P/S Not on	
Carbon Tetrachloride	mg/L	0.0005	0.005	P/S Not on	P/S Not on	
Chlordane (Total)	mg/L	0.0003	0.007	P/S Not on	P/S Not on	
Chlorpyrifos	mg/L	0.0001	0.09	P/S Not on	P/S Not on	
Cyanazine	mg/L	0.0001	0.01	P/S Not on	P/S Not on	
Diazinon	mg/L	0.0001	0.02	P/S Not on	P/S Not on	
Dicamba	mg/L	0.0002	0.12	P/S Not on	P/S Not on	
1,2-Dichlorobenzene	mg/L	0.0005	0.2	P/S Not on	P/S Not on	
1,4-Dichlorobenzene	mg/L	0.0005	0.005	P/S Not on	P/S Not on	
Dichlorodiphenyltrichloroethane (DDT) + metabolites	mg/L	0.0004	0.03	P/S Not on	P/S Not on	
1,2-Dichloroethane	mg/L	0.0005	0.005	P/S Not on	P/S Not on	
1,1-Dichloroethylene (vinylidene chloride)	mg/L	0.0005	0.014	P/S Not on	P/S Not on	



Dichloromethane	mg/L	0.0005	0.05	P/S Not on	P/S Not on
2-4 Dichlorophenol	mg/L	0.0005	0.9	P/S Not on	P/S Not on
2,4-Dichlorophenoxy acetic acid (2,4-D)	mg/L	0.0002	0.1	P/S Not on	P/S Not on
Diclofop-methyl	mg/L	0.0002	0.009	P/S Not on	P/S Not on
Dimethoate	mg/L	0.0001	0.02	P/S Not on	P/S Not on
Dinoseb	mg/L	0.0002	0.01	P/S Not on	P/S Not on
Diquat	mg/L	0.007	0.07	P/S Not on	P/S Not on
Diuron	mg/L	0.010	0.15	P/S Not on	P/S Not on
Glyphosate	mg/L	0.010	0.28	P/S Not on	P/S Not on
Heptachlor + Heptachlor Epoxide	mg/L	0.0002	0.003	P/S Not on	P/S Not on
Lindane (Total)	mg/L	0.0001	0.004	P/S Not on	P/S Not on
Malathion	mg/L	0.0001	0.19	P/S Not on	P/S Not on
Methoxychlor	mg/L	0.0001	0.9	P/S Not on	P/S Not on
Metolachlor	mg/L	0.0001	0.05	P/S Not on	P/S Not on
Metribuzin	mg/L	0.0001	0.08	P/S Not on	P/S Not on
Monochlorobenzene	mg/L	0.0005	0.08	P/S Not on	P/S Not on
Paraquat	mg/L	0.001	0.01	P/S Not on	P/S Not on
Parathion	mg/L	0.0001	0.05	P/S Not on	P/S Not on
Pentachlorophenol	mg/L	0.0005	0.06	P/S Not on	P/S Not on
Phorate	mg/L	0.0001	0.002	P/S Not on	P/S Not on
Picloram	mg/L	0.0002	0.19	P/S Not on	P/S Not on
Polychlorinated Biphenyls(PCB)	mg/L	0.00002	0.003	P/S Not on	P/S Not on
Prometryne	mg/L	0.0001	0.001	P/S Not on	P/S Not on
Simazine	mg/L	0.0001	0.01	P/S Not on	P/S Not on
Temephos	mg/L	0.0001	0.28	P/S Not on	P/S Not on
Terbufos	mg/L	0.0002	0.001	P/S Not on	P/S Not on
Tetrachloroethylene	mg/L	0.0005	0.03	P/S Not on	P/S Not on
2,3,4,6-Tetrachlorophenol	mg/L	0.0005	0.1	P/S Not on	P/S Not on
Triallate	mg/L	0.0001	0.23	P/S Not on	P/S Not on
Trichloroethylene	mg/L	0.0005	0.005	P/S Not on	P/S Not on
2,4,6-Trichlorophenol	mg/L	0.0005	0.005	P/S Not on	P/S Not on
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	mg/L	0.0001	0.28	P/S Not on	P/S Not on
Trifluralin	mg/L	0.0002	0.045	P/S Not on	P/S Not on
Vinyl Chloride	mg/L	0.0005	0.002	P/S Not on	P/S Not on

**Lorna 2 P/S – Schedule 24 – Organic Parameters (Treated)**

Parameter	Units	dl	MAC	Results	Date Sampled	Exceedence
Alachlor	mg/L	0.0001	0.005	<0.0001	Jan 22-08	no
Aldicarb	mg/L	0.009	0.009	<0.009	Jan 22-08	no
Aldrin + Dieldrin	mg/L	0.00004	0.0007	<0.00004	Jan 22-08	no
Atrazine + N-dealkylated metabolites	mg/L	0.0002	0.005	<0.0002	Jan 22-08	no
Azinphos-methyl	mg/L	0.0001	0.02	<0.0001	Jan 22-08	no
Bendiocarb	mg/L	0.0002	0.04	<0.0002	Jan 22-08	no
Benzene	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
Benzo(a)pyrene	mg/L	0.00001	0.00001	<0.00001	Jan 22-08	no
Bromoxnyl	mg/L	0.0002	0.005	<0.0002	Jan 22-08	no
Carbaryl	mg/L	0.0002	0.09	<0.0002	Jan 22-08	no
Carbofuran	mg/L	0.0002	0.09	<0.0002	Jan 22-08	no
Carbon Tetrachloride	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
Chlordane (Total)	mg/L	0.0003	0.007	<0.0003	Jan 22-08	no
Chlorpyrifos	mg/L	0.0001	0.09	<0.0001	Jan 22-08	no
Cyanazine	mg/L	0.0001	0.01	<0.0001	Jan 22-08	no
Diazinon	mg/L	0.0001	0.02	<0.0001	Jan 22-08	no
Dicamba	mg/L	0.0002	0.12	<0.0002	Jan 22-08	no
1,2-Dichlorobenzene	mg/L	0.0005	0.2	<0.0005	Jan 22-08	no
1,4-Dichlorobenzene	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
Dichlorodiphenyltrichloroethane (DDT) + metabolites	mg/L	0.0004	0.03	<0.0004	Jan 22-08	no
1,2-Dichloroethane	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
1,1-Dichloroethylene (vinylidene chloride)	mg/L	0.0005	0.014	<0.0005	Jan 22-08	no
Dichloromethane	mg/L	0.0005	0.05	<0.0005	Jan 22-08	no
2-4 Dichlorophenol	mg/L	0.0005	0.9	<0.0005	Jan 22-08	no
2,4-Dichlorophenoxy acetic acid (2,4-D)	mg/L	0.0002	0.1	<0.0002	Jan 22-08	no
Diclofop-methyl	mg/L	0.0002	0.009	<0.0002	Jan 22-08	no
Dimethoate	mg/L	0.0001	0.02	<0.0001	Jan 22-08	no
Dinoseb	mg/L	0.0002	0.01	<0.0002	Jan 22-08	no
Diquat	mg/L	0.007	0.07	<0.007	Jan 22-08	no
Diuron	mg/L	0.010	0.15	<0.010	Jan 22-08	no
Glyphosate	mg/L	0.010	0.28	<0.010	Jan 22-08	no
Heptachlor + Heptachlor Epoxide	mg/L	0.0002	0.003	<0.0002	Jan 22-08	no
Lindane (Total)	mg/L	0.0001	0.004	<0.0001	Jan 22-08	no
Malathion	mg/L	0.0001	0.19	<0.0001	Jan 22-08	no
Methoxychlor	mg/L	0.0001	0.9	<0.0001	Jan 22-08	no
Metolachlor	mg/L	0.0001	0.05	<0.0001	Jan 22-08	no
Metribuzin	mg/L	0.0001	0.08	<0.0001	Jan 22-08	no
Monochlorobenzene	mg/L	0.0005	0.08	<0.0005	Jan 22-08	no
Paraquat	mg/L	0.001	0.01	<0.001	Jan 22-08	no
Parathion	mg/L	0.0001	0.05	<0.0001	Jan 22-08	no



Pentachlorophenol	mg/L	0.0005	0.06	<0.0005	Jan 22-08	no
Phorate	mg/L	0.0001	0.002	<0.0001	Jan 22-08	no
Picloram	mg/L	0.0002	0.19	<0.0002	Jan 22-08	no
Polychlorinated Biphenyls(PCB)	mg/L	0.00002	0.003	<0.00002	Jan 22-08	no
Prometryne	mg/L	0.0001	0.001	<0.0001	Jan 22-08	no
Simazine	mg/L	0.0001	0.01	<0.0001	Jan 22-08	no
Temephos	mg/L	0.0001	0.28	<0.0001	Jan 22-08	no
Terbufos	mg/L	0.0002	0.001	<0.0002	Jan 22-08	no
Tetrachloroethylene	mg/L	0.0005	0.03	<0.0005	Jan 22-08	no
2,3,4,6-Tetrachlorophenol	mg/L	0.0005	0.1	<0.0005	Jan 22-08	no
Triallate	mg/L	0.0001	0.23	<0.0001	Jan 22-08	no
Trichloroethylene	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
2,4,6-Trichlorophenol	mg/L	0.0005	0.005	<0.0005	Jan 22-08	no
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	mg/L	0.0001	0.28	<0.0001	Jan 22-08	no
Trifluralin	mg/L	0.0002	0.045	<0.0002	Jan 22-08	no
Vinyl Chloride	mg/L	0.0005	0.002	<0.0005	Jan 22-08	no

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

Parameter	Units	dl	MAC	Results	Date Sampled	Exceedence