

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

Drinking-Water System Number:	W210000675
Drinking-Water System Name:	Eganville Water Plant
Drinking-Water System Owner:	Township of Bonnechere Valley
Drinking-Water System Category:	Large Residential
Period being reported:	January2004-December2004

<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 Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <div style="border: 1px solid black; padding: 5px;"> Township of Bonnechere Valley Municipal Office 49 Bonnechere Street Eganville Water Plant 401 Water Street </div>	<p><u>Complete for all other Categories.</u></p> <p>Number of Designated Facilities served: <input type="text" value="One"/></p> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [x] No []</p> <p>Number of Interested Authorities you report to: <input type="text" value="One"/></p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [x] No []</p>
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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	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 [x] No []

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 Public Bulletin Board

Describe your Drinking-Water System

The Bonnechere River is the surface water source that supplies the Two Packaged Water Treatment Plants each providing Treatment processes consisting of Coagulation, Flocculation Sedimentation and Filtration. There are water reservoirs located below the plant enclosure Building and a Standpipe that are used for storage.

List all water treatment chemicals used over this reporting period

Sodium Hypochlorite, Pre-Hydroxylated Aluminum Sulfate, Soda Ash, Polyelectolyte

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

Installation of 4 new on-line Turbidity Meters
 Purchased addition stand-by Chemical Pumps
 Purchased a new Chlorine Analyzer

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
June 3/04	Total Coliform Background	>200	Cts/100	Flushing & Resampling- Increased Disinfection	June 8/04

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July 15/04	Total Coliform Background	>200	Cts/100	Flushing & Resampling – Increased Disinfection	July 20/04
July 30/04	Total Coliform Background	>200	Cts/100	Flushing & Resampling Increased Disinfection	Aug 4/04
Aug 12/04	Total Coliform Background	>200	Cts/100	Flushing & Resampling Increased Disinfection	Aug 16/04
Oct 14/04	Total Coliform Background	>200	Cts/100	Flushing & Resampling Increased Disinfection	Oct.19/04
Oct 24/04	Total Coliform Background	>200	Cts/100	Flushing & Resampling Increased Disinfection	Nov.2/04

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

	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	55	0 – 50	0 – 820	55	0 – 16400
Treated	57	0 – 0	0 – 0	57	0 – 200
Distribution	241	0 - 0	0 – 0	241	0 - 200

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

	Number of Grab Samples	Range of Results (min #)-(max #)
Turbidity	8760	.08 - 0.82
Chlorine	8760	1.08 – 1.74
Fluoride (If the DWS provides fluoridation)	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.

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

Date of legal instrument issued	Parameter	Date Sampled	Result	Unit of Measure

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	Feb.5/04	<0.001	Mg/L	0
Arsenic	Feb.5/04	<0.001	Mg/L	0
Barium	Feb.5/04	0.031	Mg/l	0
Boron	Feb.5/04	<0.005	Mg/L	0
Cadmium	Feb.5/04	>0.0001	Mg/L	0
Chromium	Feb.5/04	<0.001	Mg/L	0
Lead	Feb.5/04	0.0002	Mg/L	0
Mercury	Feb.6/04	<0.0001	Mg/L	0
Selenium	Feb.5/04	0.001	Mg/L	0
Sodium	Mar.3/04	7.9	Mg/L	0
Uranium	Feb.5/04	<0.0001	Mg/L	0
Fluoride	Jan.21/03	0.2	Mg/L	0
Nitrite	Feb.5/04	<0.1	Mg/L	0
Nitrate	Feb.5/04	0.2	Mg/L	0

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Alachlor	26/10/04	<0.3	Ug/L	0
Aldicarb	26/10/04	<3	Ug/L	0
Aldrin + Dieldrin	22/10/04	<0.02	Ug/L	0
Atrazine + N-dealkylated metabolites	26/10/04	<0.5	Ug/L	0
Azinphos-methyl	28/10/04	<0.21	Ug/L	0
Bendiocarb	26/10/04	<3	Ug/L	0
Benzene	21/10/04	<0.5	Ug/L	0
Benzo(a)pyrene	26/10/04	<0.005	Ug/L	0
Bromoxynil	05/11/04	<0.094	Ug/l	0
Carbaryl	26/10/04	<3	Ug/L	0
Carbofuran	26/10/04	<1	Ug/L	0
Carbon Tetrachloride	21/10/04	<0.2	Ug/L	0
Chlordane (Total)	22/10/04	<0.04	Ug/L	0
Chlorpyrifos	26/10/04	<0.5	Ug/L	0
Cyanazine	26/10/04	<0.5	Ug/L	0
Diazinon	26/10/04	<1	Ug/L	0
Dicamba	26/10/04	<5	Ug/L	0
1,2-Dichlorobenzene	21/10/04	<0.1	Ug/L	0
1,4-Dichlorobenzene	21/10/04	<0.2	Ug/L	0
Dichlorodiphenyltrichloroethane (DDT) + metabolites	28/10/04	<0.14	Ug/L	0
1,2-Dichloroethane	21/10/04	<0.1	Ug/L	0
1,1-Dichloroethylene (vinylidene chloride)	21/10/04	<0.1	Ug/L	0

Dichloromethane	21/10/04	<0.3	Ug/L	0
2-4 Dichlorophenol	26/10/04	<0.1	Ug/L	0
2,4-Dichlorophenoxy acetic acid (2,4-D)	26/10/04	<5	Ug/L	0
Diclofop-methyl	26/10/04	<0.4	Ug/L	0
Dimethoate	26/10/04	<1	Ug/L	0
Dinoseb	26/10/04	<0.5	Ug/L	0
Diquat	27/10/04	<5	Ug/L	0
Diuron	26/10/04	<5	Ug/L	0
Glyphosate	27/10/04	<25	Ug/L	0
Heptachlor + Heptachlor Epoxide	22/10/04	<0.1	Ug/L	0
Lindane (Total)	22/10/04	<0.1	Ug/L	0
Malathion	26/10/04	<5	Ug/L	0
Methoxychlor	22/10/04	<0.1	Ug/L	0
Metolachlor	26/10/04	<3	Ug/L	0
Metribuzin	26/10/04	<3	Ug/L	0
Monochlorobenzene	21/10/04	<0.2	Ug/L	0
Paraquat	27/10/04	<1	Ug/L	0
Parathion	26/10/04	<3	Ug/L	0
Pentachlorophenol	26/10/04	<0.1	Ug/L	0
Phorate	26/10/04	<0.3	Ug/L	0
Picloram	26/10/04	<5	Ug/L	0
Polychlorinated Biphenyls(PCB)	22/10/04	<0.05	Ug/L	0
Prometryne	26/10/04	<0.1	Ug/L	0
Simazine	26/10/04	<0.5	Ug/L	0
THM (NOTE: show latest annual average)	2004	76.3	Ug/L	0
Temephos	26/10/04	<10	Ug/L	0
Terbufos	26/10/04	<0.3	Ug/L	0
Tetrachloroethylene	21/10/04	<0.2	Ug/L	0
2,3,4,6-Tetrachlorophenol	26/10/04	<0.1	Ug/L	0
Triallate	26/10/04	<10	Ug/L	0
Trichloroethylene	21/10/04	<0.1	Ug/L	0
2,4,6-Trichlorophenol	26/10/04	<0.1	Ug/L	0
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	26/10/04	<10	Ug/L	0
Trifluralin	26/10/04	<0.5	Ug/L	0
Vinyl Chloride	21/10/04	<0.2	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 DWS category is large municipal residential, small municipal residential, large municipal non residential, non municipal year round residential, large non municipal non residential)