

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:	January 2005 – December 2005

<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 St. E. Eganville, Ontario K0J 1T0 </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 and 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

A new polymer pump was purchased.
A chlorine analyzer was installed in the distribution system.

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
Apr.5/05	Total Coliform	1	Cts/100	Flushing & Resampling	Apr.7/05

Drinking-Water Systems Regulation O. Reg. 170/03

				Increased Disinfection	
Apr.12/05	Total Coliform Background	>200	Cts/100	Flushing & resampling-increased Disinfection	Apr.14/05

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	53	1 - 14	4- 440	53	0 - 2000
Treated	53	0 - 0	0 - 0	53	0 - 146
Distribution	165	0 - 0	0 - 1	165	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	0.01 – 0.70
Chlorine	8760	1.05 – 2.0
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	Jan.31/05	0.001	Mg/l	0
Arsenic	Jan.31/05	<0.001	Mg/l	0
Barium	Jan.31/05	0.031	Mg/l	0
Boron	Jan.31/05	0.006	Mg/l	0
Cadmium	Jan.31/05	<0.0001	Mg/l	0
Chromium	Jan.31/05	<0.002	Mg/l	0
Lead	Jan.31/05	0.0002	Mg/l	0
Mercury	Jan.31/05	<0.00006	Mg/l	0
Selenium	Jan.31/05	<0.001	Mg/l	0
Sodium	Mar.3/04	7.9	Mg/l	0
Uranium	Jan.31/05	<0.0001	Mg/l	0
Fluoride	Jan.21/03	0.2	Mg/l	0
Nitrite	Jan.31/05	<0.1	Mg/l	0
Nitrate	Jan.31/05	0.1	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	Jan.31/05	<0.3	Ug/l	0
Aldicarb	Jan.31/05	<3	Ug/l	0
Aldrin + Dieldrin	Jan.31/05	<0.02	Ug/l	0
Atrazine + N-dealkylated metabolites	Jan.31/05	<0.5	Ug/l	0
Azinphos-methyl	Jan.31/05	<0.21	Ug/l	0
Bendiocarb	Jan.31/05	<3	Ug/l	0
Benzene	Jan.31/05	<0.5	Ug/l	0
Benzo(a)pyrene	Jan.31/05	<0.005	Ug/l	0
Bromoxynil	Jan.31/05	<0.094	Ug/l	0
Carbaryl	Jan.31/05	<3	Ug/l	0
Carbofuran	Jan.31/05	<1	Ug/l	0
Carbon Tetrachloride	Jan.31/05	<0.2	Ug/l	0
Chlordane (Total)	Jan.31/05	<0.04	Ug/l	0
Chlorpyrifos	Jan.31/05	<0.5	Ug/l	0
Cyanazine	Jan.31/05	<0.5	Ug/l	0
Diazinon	Jan.31/05	<1	Ug/l	0
Dicamba	Jan.31/05	<5	Ug/l	0
1,2-Dichlorobenzene	Jan.31/05	<0.1	Ug/l	0
1,4-Dichlorobenzene	Jan.31/05	<0.2	Ug/l	0
Dichlorodiphenyltrichloroethane (DDT) + metabolites	Jan.31/05	<0.14	Ug/l	0
1,2-Dichloroethane	Jan.31/05	<0.1	Ug/l	0
1,1-Dichloroethylene (vinylidene chloride)	Jan.31/05	<0.1	Ug/l	0

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Dichloromethane	Jan.31/05	<0.3	Ug/l	0
2-4 Dichlorophenol	Jan.31/05	<0.1	Ug/l	0
2,4-Dichlorophenoxy acetic acid (2,4-D)	Jan.31/05	<5	Ug/l	0
Diclofop-methyl	Jan.31/05	<0.4	Ug/l	0
Dimethoate	Jan.31/05	<1	Ug/l	0
Dinoseb	Jan.31/05	<0.5	Ug/l	0
Diquat	Jan.31/05	<5	Ug/l	0
Diuron	Jan.31/05	<5	Ug/l	0
Glyphosate	Jan.31/05	<25	Ug/l	0
Heptachlor + Heptachlor Epoxide	Jan.31/05	<0.1	Ug/l	0
Lindane (Total)	Jan.31/05	<0.1	Ug/l	0
Malathion	Jan.31/05	<5	Ug/l	0
Methoxychlor	Jan.31/05	<0.1	Ug/l	0
Metolachlor	Jan.31/05	<3	Ug/l	0
Metribuzin	Jan.31/05	<3	Ug/l	0
Monochlorobenzene	Jan.31/05	<0.2	Ug/l	0
Paraquat	Jan.31/05	<1	Ug/l	0
Parathion	Jan.31/05	<3	Ug/l	0
Pentachlorophenol	Jan.31/05	<0.1	Ug/l	0
Phorate	Jan.31/05	<0.3	Ug/l	0
Picloram	Jan.31/05	<5	Ug/l	0
Polychlorinated Biphenyls(PCB)	Jan.31/05	<0.05	Ug/l	0
Prometryne	Jan.31/05	<0.05	Ug/l	0
Simazine	Jan.31/05	<0.5	Ug/l	0
THM (NOTE: show latest annual average)	2005	76.9	Ug/l	0
Temephos	Jan.31/05	<10	Ug/l	0
Terbufos	Jan.31/05	<0.3	Ug/l	0
Tetrachloroethylene	Jan.31/05	<0.2	Ug/l	0
2,3,4,6-Tetrachlorophenol	Jan.31/05	<0.1	Ug/l	0
Triallate	Jan.31/05	<10	Ug/l	0
Trichloroethylene	Jan.31/05	<0.1	Ug/l	0
2,4,6-Trichlorophenol	Jan.31/05	<0.1	Ug/l	0
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	Jan.31/05	<10	Ug/l	0
Trifluralin	Jan.31/05	<0.5	Ug/l	0
Vinyl Chloride	Jan.31/05	<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)