

**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 2003-December 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;"> 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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List Drinking-Water Systems, which receive all of their drinking water from your system:

Village of Eganville

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.

- [X] 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, Aluminum Sulphate, Sodium Carbonate & Polyelectolyte

Were any significant expenses incurred to?

- Install required equipment
 Repair required equipment
 Replace required equipment

Describe

Replacing post chlorine system
 Install new polymer system
 Filters backwashing upgrading

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
Aug.5	Total Coliform Background	>200	Cts/100 ml	Flushing & resampling-increase disinfection	Aug. 7
Aug 26	Total Coliform Background	>200	Cts/100 ml	Flushing & resampling-increase disinfection	Aug 28

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 HPC Samples	Range of HPC Results (#-#)
Raw	52	0-63	2-300	52	0-4200
Treated	54	0	0	54	0-200
Distribution	54	0	0	54	0-200

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

	Number of Grab Samples	Range of Results (#-#)
Turbidity	8760	0.05-130 NTU
Chlorine	8760	1.05-1.33 MG/L
Fluoride (If the DWS provides fluoridation)	1	0.2

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 or order.

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

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Antimony	N/A	N/A	N/A	0
Arsenic	Jan. 28	0.001	Mg/ L	0
Barium	Jan.28	0.025	Mg/L	0
Boron	Jan.28	0.01	Mg/L	0
Cadmium	Jan.28	0.0001	Mg/L	0
Chromium	Jan.28	0.01	Mg/L	0
Lead	Jan.28	0.0011	Mg/L	0
Mercury	Jan.21	0.0001	Mg/L	0
Selenium	Jan.28	0.001	Mg/L	0
Uranium	Jan.28	0.001	Mg/L	0
Fluoride	Jan.21	0.2	Mg/L	0
Nitrite	Nov.18	0.1	Mg/L	0
Nitrate	Nov.18	0.10	Mg/L	0

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
Aalachlor	Nov.18/04	0.5	Ug/l	0
Aldicarb	Nov.18/04	6	Ug/l	0
Aldrin + Dieldrin	Nov.18/04	0.05	Ug/l	0
Atrazine + N-dealkylated metabolites	Nov.18/04	1	Ug/l	0
Azinphos-methyl	Nov.18/04	2	Ug/l	0
Bendiocarb	Nov.18/04	5	Ug/l	0
Benzene	Nov.18/04	0.5	Ug/l	0
Benzo(a)pyrene	Nov.18/04	<0.01	Ug/l	0
Bromoxynil	Nov.18/04	0.5	Ug/l	0
Carbaryl	Nov.18/04	5.0	Ug/l	0
Carbofuran	Nov.18/04	2	Ug/l	0
Carbon Tetrachloride	Nov.18/04	0.2	Ug/l	0
Chlordane (Total)	Nov.18/04	0.6	Ug/l	0
Chlorpyrifos	Nov.18/04	1	Ug/l	0
Cyanazine	Nov.18/04	1	Ug/l	0
Diazinon	Nov.18/04	2	Ug/l	0
Dicamba	Nov.18/04	10	Ug/l	0
1,2-Dichlorobenzene	Nov.18/04	0.1	Ug/l	0
1,4-Dichlorobenzene	Nov.18/04	0.2	Ug/l	0
Dichlorodiphenyltrichloroethane (DDT) + metabolites	Nov.18/04	1	Ug/l	0
1,2-Dichloroethane	Nov.18/04	0.1	Ug/l	0
1,1-Dichloroethylene (vinylidene chloride)	Nov.18/04	<0.1	Ug/l	0
Dichloromethane	Nov.18/04	<0.1	Ug/l	0
2-4 Dichlorophenol	Nov.18/04	<0.2	Ug/l	0
2,4-Dichlorophenoxy acetic acid (2,4-D)	Nov.18/04	10	Ug/l	0
Diclofop-methyl	Nov.18/04	0.9	Ug/l	0
Dimethoate	Nov.18/04	2	Ug/l	0
Dinoseb	Nov.18/04	<1	Ug/l	0
Diquat	Nov.18/04	5	Ug/l	0
Diuron	Nov.18/04	10	Ug/l	0
Glyphosate	Nov.18/04	25	Ug/l	0
Heptachlor + Heptachlor Epoxide	Nov.18/04	0.1	Ug/l	0
Linadane (Total)	Nov.18/04	0.1	Ug/l	0
Malathion	Nov.18/04	10.0	Ug/l	0
Methoxychlor	Nov.18/04	10.0	Ug/l	0
Metolachlor	Nov.18/04	5.0	Ug/l	0
Metribuzin	Nov.18/04	5.0	Ug/l	0
Monochlorobenzene	Nov.18/04	0.2	Ug/l	0
Paraquat	Nov.18/04	1	Ug/l	0

Parathion	Nov.18/04	5	Ug/l	0
Pentachlorophenol	Nov.18/04	0.2	Ug/l	0
Phorate	Nov.18/04	0.5	Ug/l	0
Picloram	Nov.18/04	10.0	Ug/l	0
Polychlorinated Biphenyls(PCB)	Nov.18/04	0.05	Ug/l	0
Prometryne	Nov.18/04	0.2	Ug/l	0
Simazine	Nov.18/04	1	Ug/l	0
THM (NOTE: show latest quarterly average)	Nov.18/04	49.3	Ug/l	0
Temephos	Nov.18/04	25	Ug/l	0
Terbufos	Nov.18/04	0.7	Ug/l	0
Tetrachloroethylene	Nov.18/04	0.2	Ug/l	0
2,3,4,6-Tetrachlorophenol	Nov.18/04	<0.1	Ug/l	0
Triallate	Nov.18/04	20.0	Ug/l	0
Trichloroethylene	Nov.18/04	0.3	Ug/l	0
2,4,6-Trichlorophenol	Nov.18/04	<0.2	Ug/l	0
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	Nov.18/04	<22	Ug/l	0
Trifluralin	Nov.18/04	1	Ug/l	0
Vinyl Chloride	Nov.18/04	0.3	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)