



**OPTIONAL ANNUAL REPORT TEMPLATE**

<b>Drinking-Water System Number:</b>	220007588
<b>Drinking-Water System Name:</b>	Benmiller Well Supply
<b>Drinking-Water System Owner:</b>	Township of Ashfield-Colborne-Wawanosh
<b>Drinking-Water System Category:</b>	Small Municipal Residential
<b>Period being reported:</b>	January 1, 2009 – December 31/2009

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

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

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

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

Township of Ashfield-Colborne-Wawanosh, 82133 Council Line, R.R.#5, Goderich, ON N7A 3Y2  
Veolia Water Canada, 100 Cove Rd., Goderich, ON N7A 3Z2

**Complete for all other Categories.**

**Number of Designated Facilities served:**

N/A

**Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [ ] No [ ]**

**Number of Interested Authorities you report to:**

N/A

**Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [ ] No [ ]**

**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:**

<b>Drinking Water System Name</b>	<b>Drinking Water System Number</b>
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 [ ]**



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. Supplied to the Township of Ashfield-Colborne-Wawanosh to notify residents.

**Describe your Drinking-Water System**

A 150 mm diameter drilled well, approximately 66m deep, situated in the Township of Colborne on Part Lot 1, Concession 1, Eastern Division, Ashfield-Colborne-Wawanosh Township, County of Huron equipped with a submersible type well pump rated at 2.27 L/s, controlled by high and low level contacts in the water reservoir; with a 50 mm diameter discharge line connected to the well pump header in the pumphouse. The pump house has a floor area of approx. 3m by 4.2 m, located over the well, housing treatment and control facilities consisting of a disinfection system comprising one 180L capacity sodium hypochlorite solution tank and one chemical feed pump rated at 26.5 L/day, one storage reservoir 7.6 m x 4.6 m x 3.8 m deep, three submersible high lift pumps each rated at 3.8 L/s at 35.1 m Total Dynamic Head, 50 mm diameter discharge piping within the pumphouse, one 50mm diameter water meter that measures that total treated flow, on 50 mm water meter that measures the portion of treated water flow that serves the subdivision, two hydrophneumatic (450 & 1400 litres) tanks to maintain system pressures, a 100 mm diameter discharge watermain outside the pumphouse supplying treated water to the Benmiller Estates Subdivision, and two 50 mm discharge watermains supplying treated water to the Benmiller Inn. Maximum Daily Pumping Volume ( 196.4 m3/day)

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

Sodium Hypochlorite

**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**

N/A



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.**

	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	26	0	0		
Treated	26	0	0	26	<10 - 30
Distribution	26	0	0	26	<10 - 20

**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 #)
Raw Turbidity-Grab	29	0.38 – 0.90 NTU
TW Turbidity-On-Line	8760	0.01 – 0.98 NTU
Chlorine-Online	8760	0.75 – 2.04 mg/L
Distribution Chlorine-Grab	265	0.60 – 1.91 mg/L
Fluoride (If the DWS provides fluoridation)		

*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
Sept 2002	Gross Alpha	Apr. 13/09	0.2	Bq/l
Sept 2002	Gross Beta	Apr. 13/09	<0.1	Bq/l
Sept 2002	Tritium	Apr. 13/09	<1000	Bq/l

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

\*only for drinking water systems testing under Schedule 15.2; this includes large municipal non-residential systems, small municipal non-residential systems, non-municipal seasonal residential systems, large non-municipal non-residential systems, and small non-municipal non-residential systems

**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)

Location Type	Number of Samples	Range of Lead Results (min#) – (max #)	Number of Exceedances
Plumbing	N/A		
Distribution			

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

**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
Fluoride	1.65	Mg/L	Dec. 1/09