



OPTIONAL ANNUAL REPORT TEMPLATE

Drinking-Water System Number:	260002811
Drinking-Water System Name:	HEIDELBERG DISTRIBUTION SYSTEM
Drinking-Water System Owner:	TOWNSHIP OF WOOLWICH
Drinking-Water System Category:	DISTRIBUTION
Period being reported:	JANUARY 1, 2010 TO DECEMBER 31, 2010

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 [x] No []

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

TOWNSHIP OF WOOLWICH
ENGINEERING & PLANNING
SERVICES
24 CHURCH STREET WEST
ELMIRA, ONTARIO N3B 2Z6

Complete for all other Categories.

Number of Designated Facilities served:

0

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

Number of Interested Authorities you report to:

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:

Drinking Water System Name	Drinking Water System Number
Heidelberg (Township of Wellesley) Distribution System	220007310

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 _____

Describe your Drinking-Water System

The Township of Woolwich owns and operates the Heidelberg Distribution System, including pipes, valves, hydrants and residential meters. The distribution system serves approximately 233 connections (includes 14 residential connections in Wellesley Township) with a population of approximately 699 people. The Heidelberg Distribution System does not serve any industrial properties. There are no fire hydrants on the system. There are three hydrants on the system which are used for swabbing purposes. The Heidelberg Distribution System receives water from the Heidelberg Well Supply System. The Heidelberg Well Supply System is owned and operated by the Regional Municipality of Waterloo.

List all water treatment chemicals used over this reporting period

SEE REGION OF WATERLOO

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

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
No adverse results for the 2010 reporting period					



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		SEE REGION OF WATERLOO			
Treated		SEE REGION OF WATERLOO			
Distribution	162	A	A	49	0 - 61

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	See Region Of Waterloo	
Region Chlorine Free	164	0.08 – 1.44
Region Chlorine Total	164	0.34 – 1.73
Township Chlorine Free	529	0.58 – 1.58
Fluoride (If the DWS provides fluoridation)	See Region of Waterloo	

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

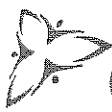
NOTE: Record the unit of measure if it is not milligrams per litre.

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		Source Water Tests		
Arsenic		See Region of Waterloo		
Barium				
Boron				
Cadmium				
Chromium				
*Lead				
Mercury				
Selenium				
Sodium				



Uranium		Source Water Tests	
Fluoride		See Region of Waterloo	
Nitrite			
Nitrate			

*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	88	<1.0 – 25.8	2
Distribution	9	<1.0 – 1.7	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		Source Water Tests		
Aldicarb		See Region of Waterloo		
Aldrin + Dieldrin				
Atrazine + N-dealkylated metabolites				
Azinphos-methyl				
Bendiocarb				
Benzene				
Benzo(a)pyrene				
Bromoxynil				
Carbaryl				
Carbofuran				
Carbon Tetrachloride				
Chlordane (Total)				
Chlorpyrifos				
Cyanazine				
Diazinon				
Dicamba				
1,2-Dichlorobenzene				
1,4-Dichlorobenzene				
Dichlorodiphenyltrichloroethane (DDT) + metabolites				
1,2-Dichloroethane		Source Water Tests		



1,1-Dichloroethylene (vinylidene chloride)		See Region of Waterloo		
Dichloromethane				
2-4 Dichlorophenol				
2,4-Dichlorophenoxy acetic acid (2,4-D)				
Diclofop-methyl				
Dimethoate				
Dinoseb				
Diquat				
Diuron				
Glyphosate				
Heptachlor + Heptachlor Epoxide				
Lindane (Total)				
Malathion				
Methoxychlor				
Metolachlor				
Metribuzin				
Monochlorobenzene				
Paraquat				
Parathion				
Pentachlorophenol				
Phorate				
Picloram				
Polychlorinated Biphenyls(PCB)				
Prometryne				
Simazine				
THM (NOTE: show latest annual average)	10/14	23.8	ug/L	None
Temephos		Source Water Tests		
Terbufos		See Region of Waterloo		
Tetrachloroethylene				
2,3,4,6-Tetrachlorophenol				
Triallate				
Trichloroethylene				
2,4,6-Trichlorophenol				
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)				
Trifluralin				
Vinyl Chloride				

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