

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

Drinking-Water System Number:	20003369
Drinking-Water System Name:	Ridgetown Well Supply System
Drinking-Water System Owner:	Municipality of Chatham-Kent
Drinking-Water System Category:	Large Municipal Residential
Period being reported:	January-December 2006

<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;"> Chatham-Kent PUC Office 325 Grand Ave E Box 1191 Chatham, ON N7M 5L8 </div>	<p><u>Complete for all other Categories.</u></p> <p>Number of Designated Facilities served: <input style="width: 100px; height: 20px;" type="text"/></p> <p>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [] No []</p> <p>Number of Interested Authorities you report to: <input style="width: 100px; height: 20px;" type="text"/></p> <p>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [] 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
None	

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 _____

Describe your Drinking-Water System

The Ridgetown Well Supply consists of 6 wells. Three wells, No. 4, No. 5 and No. 6 are located at the Scane Road location, and the remaining three wells, Well 1A, Hitch Well and Harris Well, are encompassed by the Erie Street pumping system. Cascade aerators are used for methane gas treatment. Storage tanks at each site provide sodium hypochlorite for prechlorination and disinfection. Reservoirs are located Scane Road and Erie Street.

List all water treatment chemicals used over this reporting period

1. 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

1. Wellfield upgrades - Transmission Line replacement \$330,000
2. Drilling of two new wells \$80,000

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
none					

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 Background Samples	Range of Background Results (min #)-(max #)
Raw	312	0-0	1-0		
Treated	104	0-0	0-0	104	0-20
Distribution	157	0-0	0-0	129	0-590

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 (raw before treatment)	75	0.080-1.28
Chlorine (free residual where intended CT completed)	8760	1.00-2.54
Fluoride (If the DWS provides fluoridation)		Fluoridation is not provided

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
C of A 5508-5YGPL4 Raw from each well	Nitrite	Jan 10	<0.01		mg/L
	Nitrate	Jan 10	<0.1		
	Nitrite	Apr 4	<0.01		
	Nitrate	Apr 4	<0.1		
	Nitrite	Jul 4	<0.01		
	Nitrate	Jul 4	<0.1		
	Nitrite	Oct 3	<0.01		
	Nitrate	Oct 3	<0.1		
June 26, 2003 letter from C-K Health Unit	Fluoride	Jan 10	Erie	Scane	mg/L
			1.9	1.8	
Lab tested extra parameter from Distribution sample	Sodium	Jan 10	66000		ug/L

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

Parameter	Sample Date	Result Value Erie	Result Value Scane	Unit of Measure	Exceedance
Antimony	17 Nov 04	<0.002	<0.002	mg/L	No
Arsenic	17 Nov 04	<0.002	<0.002	mg/L	No
Barium	17 Nov 04	0.10	0.17	mg/L	No
Boron	17 Nov 04	0.93	0.91	mg/L	No
Cadmium	17 Nov 04	<0.002	<0.002	mg/L	No
Chromium	17 Nov 04	<0.01	<0.01	mg/L	No
Lead	Jan 10 '06	<0.5		ug/L	No
Mercury	17 Nov 04	<0.0001	<0.0001	mg/L	No
Selenium	17 Nov 04	<0.002	<0.002	mg/L	No
Sodium	25 Nov 04	75.3	76.4	mg/L	Reported Dec1, 2004
Uranium	17 Nov 04	<0.0001	<0.0001	mg/L	No
Fluoride	Jan 10 06	1.9	1.9	mg/L	Reported Feb7, 2005
Nitrite	03 Oct '06	<0.01	<0.01	mg/L	No
Nitrate	03 Oct '06	<0.1	<0.1	mg/L	No

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

Parameter	Sample Date	Result Value Erie	Result Value Scane	Unit of Mea sure	Excee dance
Alachlor	17 Nov 04	<0.5	<0.5	mg/L	No
Aldicarb	17 Nov 04	<0.0005	<0.0005	mg/L	No
Aldrin + Dieldrin	17 Nov 04	<0.004	<0.004	mg/L	No
Atrazine + N-dealkylated metabolites	17 Nov 04	<1	<1	mg/L	No
Azinphos-methyl	17 Nov 04	<1	<1	mg/L	No
Bendiocarb	17 Nov 04	<0.001	<0.001	mg/L	No
Benzene	17 Nov 04	<0.0002	<0.0002	mg/L	No
Benzo(a)pyrene	17 Nov 04	<0.00001	<0.00001	mg/L	No
Bromoxynil	17 Nov 04	<0.0005	<0.0005	mg/L	No
Carbaryl	17 Nov 04	<0.001	<0.001	mg/L	No
Carbofuran	17 Nov 04	<0.001	<0.001	mg/L	No
Carbon Tetrachloride	17 Nov 04	<0.0002	<0.0002	mg/L	No
Chlordane (Total)	17 Nov 04	<0.2	<0.2	mg/L	No
Chlorpyrifos	17 Nov 04	<1	<1	mg/L	No
Cyanazine	17 Nov 04	<1	<1	mg/L	No

Diazinon	17 Nov 04	<1	<1	mg/L	No
Dicamba	17 Nov 04	0.0002	<0.0002	mg/L	No
1,2-Dichlorobenzene	17 Nov 04	<0.0002	<0.0002	mg/L	No
1,4-Dichlorobenzene	17 Nov 04	<0.0002	<0.0002	mg/L	No
Dichlorodiphenyltrichloroethane (DDT) + metabolites	17 Nov 04	<0.014	<0.014	mg/L	No
1,2-Dichloroethane	17 Nov 04	<0.0002	<0.0002	mg/L	No
1,1-Dichloroethylene (vinylidene chloride)	17 Nov 04	<0.0002	<0.0002	mg/L	No
Dichloromethane	17 Nov 04	<0.001	<0.001	mg/L	No
2-4 Dichlorophenol	17 Nov 04	<0.0003	<0.0003	mg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	17 Nov 04	<0.0002	<0.0002	mg/L	No
Diclofop-methyl	17 Nov 04	<0.0002	<0.0002	mg/L	No
Dimethoate	17 Nov 04	<1	<1	mg/L	No
Dinoseb	17 Nov 04	<0.00005	<0.00005	mg/L	No
Diquat	17 Nov 04	<0.005	<0.005	mg/L	No
Diuron	17 Nov 04	<0.005	<0.005	mg/L	No
Glyphosate	17 Nov 04	<0.01	<0.01	mg/L	No
Heptachlor + Heptachlor Epoxide	17 Nov 04	<0.004	<0.004	mg/L	No
Lindane (Total)	17 Nov 04	<0.016	<0.016	mg/L	No
Malathion	17 Nov 04	<1	<1	mg/L	No
Methoxychlor	17 Nov 04	<0.04	<0.04	mg/L	No
Metolachlor	17 Nov 04	<0.04	<5	mg/L	No
Metribuzin	17 Nov 04	<1	<1	mg/L	No
Monochlorobenzene	17 Nov 04	<0.0002	<0.0002	mg/L	No
Paraquat	17 Nov 04	<0.005	<0.005	mg/L	No
Parathion	17 Nov 04	<1	<1	mg/L	No
Pentachlorophenol	17 Nov 04	<0.002	<0.002	mg/L	No
Phorate	17 Nov 04	<0.2	<0.2	mg/L	No
Picloram	17 Nov 04	<0.00005	<0.00005	mg/L	No
Polychlorinated Biphenyls(PCB)	17 Nov 04	<0.1	<0.1	mg/L	No
Prometryne	17 Nov 04	<0.2	<0.2	mg/L	No
Simazine	17 Nov 04	<1	<1	mg/L	No
THM (NOTE: show latest annual average)	Jan 10 Apr 4 Jul 4 Oct 3 Avg '06	34.4 24.8 50.2 38.5 37.0		ug/L	No
Temephos	17 Nov 04	<5	<5	mg/L	No
Terbufos	17 Nov 04	<0.2	<0.2	mg/L	No
Tetrachloroethylene	17 Nov 04	<0.0002	<0.0002	mg/L	No
2,3,4,6-Tetrachlorophenol	17 Nov 04	<0.0005	<0.0005	mg/L	No
Triallate	17 Nov 04	<1	<1	mg/L	No
Trichloroethylene	17 Nov 04	<0.0002	<0.0002	mg/L	No
2,4,6-Trichlorophenol	17 Nov 04	<0.0005	<0.0005	mg/L	No

2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	17 Nov 04	<0.00005	<0.00005	mg/L	No
Trifluralin	17 Nov 04	<1	<1	mg/L	No
Vinyl Chloride	17 Nov 04	<0.0002	<0.0002	mg/L	No

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 Erie	Result Value Scane	Unit of Measure	Date of Sample
Fluoride	1.9	1.8	mg/L	10 Jan 2006
Sodium Distribution	66000		ug/L	10 Jan 2006

(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)