



**OPTIONAL ANNUAL REPORT TEMPLATE**

<b>Drinking-Water System Number:</b>	260014183
<b>Drinking-Water System Name:</b>	St. Patrick's School, Kinkora
<b>Drinking-Water System Owner:</b>	Huron-Perth Catholic District School Board
<b>Drinking-Water System Category:</b>	Small Non-Municipal Non-Residential
<b>Period being reported:</b>	April 1, 2009 – March 31, 2010

<p><b><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></b></p> <p>Does your Drinking-Water System serve more than 10,000 people? Yes [ ] No [ ]</p> <p>Is your annual report available to the public at no charge on a web site on the Internet? Yes [ ] 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; height: 100px; width: 100%;"></div>	<p><b><u>Complete for all other Categories.</u></b></p> <p>Number of Designated Facilities served:  <div style="border: 1px solid black; display: inline-block; padding: 2px 10px;">1</div></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:  <div style="border: 1px solid black; display: inline-block; padding: 2px 10px;">1</div></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
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 [ ] N/A



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 St. Patrick's School well was drilled in the summer of 1965 and was originally contained in a concrete pit. The well casing has been extended and the former pit has been filled with sand. It is approximately 10 cm in diameter and extends approximately 27 cm above the sand and approximately 66 cm above ground. An ultraviolet disinfection system was installed in August 2002 and operational by September 1, 2002. As an extra safety measure, chlorine disinfection equipment was also installed. This will allow a small residual disinfectant level through the school's plumbing distribution system. In December 2002, the chemical feeder and retention tank were relocated. The water lines were rerouted so that the chlorine is injected after the water softener and UV lamps. These changes have allowed the system to operate much smoother without alarming. In early December 2009, the cement well pit was removed to below grade. The existing well casing area was regraded with clean fill and grouting occurred around the exposed well casing to ground level with bentonite. This work was done based on direction from the Ministry of the Environment.

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

Salt for water softener  
Chlorine

**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**



In early December 2009, the cement well pit was removed to below grade. The existing well casing area was regraded with clean fill and grouting occurred around the exposed well casing to ground level with bentonite. This work was done based on direction from the Ministry of the Environment at a cost of \$1,880.00

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

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	11	0	0	11	0 – 10
Treated	11	0	0	11	0 – 30
Distribution	11	0	0	11	0 – 30

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	N/A	
Chlorine	190	0.25 – 1.46
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	Feb 7/07	ND	ug/L	N
Arsenic	Feb 7/07	5	ug/L	N
Barium	Feb 7/07	ND	ug/L	N
Boron	Feb 7/07	120	ug/L	N
Cadmium	Feb 7/07	ND	ug/L	N
Chromium	Feb 7/07	ND	ug/L	N
*Lead	Jun 25/09	1.1	ug/L	N
Mercury	Feb 7/07	ND	mg/L	N
Selenium	Feb 7/07	ND	ug/L	N
Sodium	Feb 13/07	130000	ug/L	Y
Uranium	Feb 7/07	ND	ug/L	N
Fluoride	Feb 7/07	2.0	mg/L	Y
Nitrite	Mar 12/10	ND	mg/L	N
Nitrate	Mar 12/10	ND	mg/L	N

\*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			
Distribution			

**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	Feb 7/07	ND	ug/L	N
Aldicarb	Feb 7/07	ND	ug/L	N
Aldrin + Dieldrin	Feb 7/07	ND	ug/L	N
Atrazine + N-dealkylated metabolites	Feb 7/07	ND	ug/L	N
Azinphos-methyl	Feb 7/07	ND	ug/L	N
Bendiocarb	Feb 7/07	ND	ug/L	N
Benzene	Feb 7/07	ND	ug/L	N
Benzo(a)pyrene	Feb 7/07	ND	ug/L	N
Bromoxynil	Feb 7/07	ND	ug/L	N
Carbaryl	Feb 7/07	ND	ug/L	N



Carbofuran	Feb 7/07	ND	ug/L	N
Carbon Tetrachloride	Feb 7/07	ND	ug/L	N
Chlordane (Total)	Feb 7/07	ND	ug/L	N
Chlorpyrifos	Feb 7/07	ND	ug/L	N
Cyanazine	Feb 7/07	ND	ug/L	N
Diazinon	Feb 7/07	ND	ug/L	N
Dicamba	Feb 7/07	ND	ug/L	N
1,2-Dichlorobenzene	Feb 7/07	ND	ug/L	N
1,4-Dichlorobenzene	Feb 7/07	ND	ug/L	N
Dichlorodiphenyltrichloroethane (DDT) + metabolites	Feb 7/07	ND	ug/L	N
1,2-Dichloroethane	Feb 7/07	ND	ug/L	N
1,1-Dichloroethylene (vinylidene chloride)	Feb 7/07	ND	ug/L	N
Dichloromethane	Feb 7/07	ND	ug/L	N
2-4 Dichlorophenol	Feb 7/07	ND	ug/L	N
2,4-Dichlorophenoxy acetic acid (2,4-D)	Feb 7/07	ND	ug/L	N
Diclofop-methyl	Feb 7/07	ND	ug/L	N
Dimethoate	Feb 7/07	ND	ug/L	N
Dinoseb	Feb 7/07	ND	ug/L	N
Diquat	Feb 7/07	ND	ug/L	N
Diuron	Feb 7/07	ND	ug/L	N
Glyphosate	Feb 7/07	ND	ug/L	N
Heptachlor + Heptachlor Epoxide	Feb 7/07	ND	ug/L	N
Lindane (Total)	Feb 7/07	ND	ug/L	N
Malathion	Feb 7/07	ND	ug/L	N
Methoxychlor	Feb 7/07	ND	ug/L	N
Metolachlor	Feb 7/07	ND	ug/L	N
Metribuzin	Feb 7/07	ND	ug/L	N
Monochlorobenzene	Feb 7/07	ND	ug/L	N
Paraquat	Feb 7/07	ND	ug/L	N
Parathion	Feb 7/07	ND	ug/L	N
Pentachlorophenol	Feb 7/07	ND	ug/L	N
Phorate	Feb 7/07	ND	ug/L	N
Picloram	Feb 7/07	ND	ug/L	N
Polychlorinated Biphenyls(PCB)	Feb 7/07	ND	ug/L	N
Prometryne	Feb 7/07	ND	ug/L	N
Simazine	Feb 7/07	ND	ug/L	N
THM (NOTE: show latest annual average)	Feb 7/07	ND	ug/L	N
Temephos	Feb 7/07	ND	ug/L	N
Terbufos	Feb 7/07	ND	ug/L	N
Tetrachloroethylene	Feb 7/07	ND	ug/L	N
2,3,4,6-Tetrachlorophenol	Feb 7/07	ND	ug/L	N
Triallate	Feb 7/07	ND	ug/L	N



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

Trichloroethylene	Feb 7/07	ND	ug/L	N
2,4,6-Trichlorophenol	Feb 7/07	ND	ug/L	N
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	Feb 7/07	ND	ug/L	N
Trifluralin	Feb 7/07	ND	ug/L	N
Vinyl Chloride	Feb 7/07	ND	ug/L	N

**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
Sodium	130000	ug/L	Feb 13/07
Flouride	2.0	ug/L	Feb 07/07