



**RAINY RIVER DISTRICT
SCHOOL BOARD**

**DRINKING WATER
SYSTEM**

1 April 2016 – 31 March 2017

ANNUAL REPORTS

CROSSROADS SCHOOL

Drinking-Water Systems Regulation O. Reg. 170/03
OPTIONAL ANNUAL REPORT TEMPLATE

Drinking-Water System Number:	260009776
Drinking-Water System Name:	Crossroads School Well Supply
Drinking-Water System Owner:	Rainy River District School Board
Drinking-Water System Category:	Small non-municipal non-residential
Period being reported:	April 1, 2016 – March 31, 2017

<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 []</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><u>Complete for all other Categories.</u></p> <p>Number of Designated Facilities served:</p> <div style="border: 1px solid black; width: 100px; text-align: center; padding: 2px;">2</div> <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:</p> <div style="border: 1px solid black; width: 100px; text-align: center; padding: 2px;">2</div> <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	

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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 []
Not Applicable

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 School Newsletter

Describe your Drinking-Water System

Water for Crossroads school is supplied from a drilled well. The treatment system includes a water softener, a sediment filter and an Ultra Violet disinfection system. Although not required by regulation, a small amount of sodium hypochlorite (chlorine) is injected into the system to prevent bacterial re-growth.

List all water treatment chemicals used over this reporting period

Sodium Hypochlorite (disinfection)
Potassium Chloride (water softener)

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

New UV UPS Battery-\$250, New Pressure Tank-\$406.79, New Well Pump-\$2892.46,
Chlorinate Well After Pump Replacement-\$2322.15. Total Costs-\$5871.40

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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 HPC Samples	Range of HPC Results (min #)-(max #)
Raw	14	All Absent	0-16	N/A	
Treated	N/A				
Distribution	14	All Absent	All Absent	14	0 - 132

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 #)	Unit of Measure	<i>NOTE: For continuous monitors use 8760 as the number of samples.</i>
Turbidity	N/A			
Chlorine	12	0.05 – 0.43	mg/L	
Fluoride (If the DWS provides fluoridation)	N/A			

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
N/A				

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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	9-Jun-2016	<0.60	ug/L	No
Arsenic	9-Jun-2016	3.7	ug/L	No
Barium	9-Jun-2016	<10	ug/L	No
Boron	9-Jun-2016	212	ug/L	No
Cadmium	9-Jun-2016	<0.10	ug/L	No
Chromium	9-Jun-2016	<1.0	ug/L	No
*Lead	N/A			
Mercury	9-Jun-2016	<0.10	ug/L	No
Selenium	9-Jun-2016	<1.0	ug/L	No
Sodium	9-Jun-2016	4.10	mg/L	No
Uranium	9-Jun-2016	4.7	ug/L	No
Fluoride	11-Jul-2016	0.242	mg/L	No
Nitrite	9-Jan-2017	<0.010	mg/L	No
Nitrate	9-Jan-2017	<0.020	mg/L	No

*only for drinking water systems testing under Schedule 15.2; this includes large municipal nonresidential 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 #)	Unit of Measure	Number of Exceedances
Plumbing	N/A			
Distribution	N/A			

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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
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Alachlor	9-Jun-2016	<0.10	ug/L	No
Atrazine + N-dealkylated metabolites	9-Jun-2016	<0.20	ug/L	No
Azinphos-methyl	9-Jun-2016	<0.10	ug/L	No
Benzene	9-Jun-2016	<0.50	ug/L	No
Benzo(a)pyrene	9-Jun-2016	<0.010	ug/L	No
Bromoxynil	9-Jun-2016	<0.20	ug/L	No
Carbaryl	9-Jun-2016	<0.20	ug/L	No
Carbofuran	9-Jun-2016	<0.20	ug/L	No
Carbon Tetrachloride	9-Jun-2016	<0.50	ug/L	No
Chlordane (Total)	9-Jun-2016	<0.30	ug/L	No
Chlorpyrifos	9-Jun-2016	<0.10	ug/L	No
Diazinon	9-Jun-2016	<0.10	ug/L	No
Dicamba	9-Jun-2016	<0.20	ug/L	No
1,2-Dichlorobenzene	9-Jun-2016	<0.50	ug/L	No
1,4-Dichlorobenzene	9-Jun-2016	<0.50	ug/L	No
1,2-Dichloroethane	9-Jun-2016	<0.50	ug/L	No
1,1-Dichloroethylene (vinylidene chloride)	9-Jun-2016	<0.50	ug/L	No
Dichloromethane	9-Jun-2016	<5.0	ug/L	No
2-4 Dichlorophenol	9-Jun-2016	<0.30	ug/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	9-Jun-2016	<0.20	ug/L	No
Diclofop-methyl	9-Jun-2016	<0.20	ug/L	No
Dimethoate	9-Jun-2016	<0.10	ug/L	No
Diquat	9-Jun-2016	<1.0	ug/L	No
Diuron	9-Jun-2016	<1.0	ug/L	No
Glyphosate	9-Jun-2016	<5.0	ug/L	No
Malathion	9-Jun-2016	<0.10	ug/L	No
2 Methyl-4-chlorophenoxyacetic acid (MCPA)	9-Jun-2016	<0.20	ug/L	No
Metolachlor	9-Jun-2016	<0.10	ug/L	No
Metribuzin	9-Jun-2016	<0.10	ug/L	No
Monochlorobenzene	9-Jun-2016	<0.50	ug/L	No
Paraquat	9-Jun-2016	<1.0	ug/L	No
Pentachlorophenol	9-Jun-2016	<0.50	ug/L	No
Phorate	9-Jun-2016	<0.10	ug/L	No
Picloram	9-Jun-2016	<0.20	ug/L	No
Polychlorinated Biphenyls(PCB)	9-Jun-2016	<0.035	ug/L	No
Prometryne	9-Jun-2016	<0.10	ug/L	No

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Simazine	9-Jun-2016	<0.10	ug/L	No
THM (NOTE: show latest annual average)	N/A			No
Terbufos	9-Jun-2016	<0.20	ug/L	No
Tetrachloroethylene	9-Jun-2016	<0.50	ug/L	No
2,3,4,6-Tetrachlorophenol	9-Jun-2016	<0.50	ug/L	No
Triallate	9-Jun-2016	<0.10	ug/L	No
Trichloroethylene	9-Jun-2016	<0.50	ug/L	No
2,4,6-Trichlorophenol	9-Jun-2016	<0.50	ug/L	No
Trifluralin	9-Jun-2016	<0.10	ug/L	No
Vinyl Chloride	9-Jun-2016	<0.20	ug/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	Unit of Measure	Date of Sample
N/A			