



**RAINY RIVER DISTRICT  
SCHOOL BOARD**

**DRINKING WATER  
SYSTEM**

**2015**

**ANNUAL REPORTS**

**MCCROSSON-TOVELL SCHOOL**



**OPTIONAL ANNUAL REPORT TEMPLATE**

<b>Drinking-Water System Number:</b>	<b>260009789</b>
<b>Drinking-Water System Name:</b>	McCrosen Tovell School Well Supply
<b>Drinking-Water System Owner:</b>	Rainy River District School Board
<b>Drinking-Water System Category:</b>	Small non-municipal non-residential
<b>Period being reported:</b>	April 1, 2015 – March 31, 2016

<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 [ ] 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**

The water for McCrossen Tovell School is supplied from a drilled well. The water treatment system includes a water softener to remove the hardness, a sediment filter and an Ultra Violet disinfection system to disinfect the water. Although not required by regulation, a small amount of sodium hypochlorite (chlorine) is injected into the system to carry a disinfection residual throughout the system, preventing 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**

Installed chlorinator pump bleed valve, installed refurbished UV monitor, Replaced pressure switch. Total cost \$209.00

**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
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	24	All Absent	All Absent	N/A	
Treated	N/A				
Distribution	16	All Absent	All Absent	12	0 - 128

**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	0.15 – 0.29	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				

**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	May 19, 2011	<0.60	ug/L	No
Arsenic	May 19, 2011	11.3	ug/L	No
Barium	May 19, 2011	14	ug/L	No
Boron	May 19, 2011	152	ug/L	No
Cadmium	May 19, 2011	<0.10	ug/L	No
Chromium	May 19, 2011	<1.0	ug/L	No
*Lead	N/A			
Mercury	May 19, 2011	<0.10	ug/L	No
Selenium	May 19, 2011	<1.0	ug/L	No
Sodium	May 19, 2011	33	mg/L	Yes
Uranium	May 19, 2011	<2.0	ug/L	No
Fluoride	May 9, 2011	0.286	mg/L	No
Nitrite	January 6, 2016	<0.010	mg/L	No
Nitrate	January 6, 2016	<0.020	mg/L	No

\*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 #)	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
Alachlor	May 9/11	<0.10	ug/L	No
Aldicarb	May 9/11	<1.0	ug/L	No
Aldrin + Dieldrin	May 9/11	<0.040	ug/L	No
Atrazine + N-dealkylated metabolites	May 9/11	<0.20	ug/L	No
Azinphos-methyl	May 9/11	<0.10	ug/L	No
Bendiocarb	May 9/11	<0.20	ug/L	No
Benzene	May 9/11	<0.50	ug/L	No
Benzo(a)pyrene	May 9/11	<0.010	ug/L	No
Bromoxynil	May 9/11	<0.20	ug/L	No
Carbaryl	May 9/11	<0.20	ug/L	No
Carbofuran	May 9/11	<0.20	ug/L	No
Carbon Tetrachloride	May 9/11	<0.50	ug/L	No
Chlordane (Total)	May 9/11	<0.30	ug/L	No
Chlorpyrifos	May 9/11	<0.10	ug/L	No
Cyanazine	May 9/11	<0.10	ug/L	No
Diazinon	May 9/11	<0.10	ug/L	No
Dicamba	May 9/11	<0.20	ug/L	No
1,2-Dichlorobenzene	May 9/11	<0.50	ug/L	No
1,4-Dichlorobenzene	May 9/11	<0.50	ug/L	No
Dichlorodiphenyltrichloroethane (DDT) + metabolites	May 9/11	<0.40	ug/L	No
1,2-Dichloroethane	May 9/11	>0.50	ug/L	No
1,1-Dichloroethylene (vinylidene chloride)	May 9/11	<0.50	ug/L	No
Dichloromethane	May 9/11	<0.50	ug/L	No
2-4 Dichlorophenol	May 9/11	<0.30	ug/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	May 9/11	<0.20	ug/L	No
Diclofop-methyl	May 9/11	<0.20	ug/L	No
Dimethoate	May 9/11	<0.10	ug/L	No

Dinoseb	May 9/11	<0.20	ug/L	No
Diquat	May 9/11	<1.0	ug/L	No
Diuron	May 9/11	<1.0	ug/L	No
Glyphosate	May 9/11	<5.0	ug/L	No
Heptachlor + Heptachlor Epoxide	May 9/11	<0.20	ug/L	No
Lindane (Total)	May 9/11	<0.10	ug/L	No
Malathion	May 9/11	<0.10	ug/L	No
Methoxychlor	May 9/11	<0.10	ug/L	No
Metolachlor	May 9/11	<0.10	ug/L	No
Metribuzin	May 9/11	<0.10	ug/L	No
Monochlorobenzene	May 9/11	<0.50	ug/L	No
Paraquat	May 9/11	<1.0	ug/L	No
Parathion	May 9/11	<0.10	ug/L	No
Pentachlorophenol	May 9/11	<0.50	ug/L	No
Phorate	May 9/11	<0.10	ug/L	No
Picloram	May 9/11	<0.20	ug/L	No
Polychlorinated Biphenyls(PCB)	May 9/11	<0.035	ug/L	No
Prometryne	May 9/11	<0.10	ug/L	No
Simazine	May 9/11	<0.10	ug/L	No
THM (NOTE: show latest annual average)	N/A			
Temephos	May 9/11	<0.10	ug/L	No
Terbufos	May 9/11	<0.20	ug/L	No
Tetrachloroethylene	May 9/11	<0.50	ug/L	No
2,3,4,6-Tetrachlorophenol	May 9/11	<0.50	ug/L	No
Triallate	May 9/11	<0.10	ug/L	No
Trichloroethylene	May 9/11	<0.50	ug/L	No
2,4,6-Trichlorophenol	May 9/11	<0.50	ug/L	No
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)	May 9/11	<0.20	ug/L	No
Trifluralin	May 9/11	<0.10	ug/L	No
Vinyl Chloride	May 9/11	<0.50	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
Sodium	33	mg/L	May 19, 2011