

O. Reg. 170 SECTION 11 ANNUAL REPORT

Part III Form 2 Section 11. ANNUAL REPORT.

Drinking-Water System Number:	260009516
Drinking-Water System Name:	Monetville Public School
Drinking-Water System Owner:	Rainbow District School Board
Drinking-Water System Category:	Small Non – Municipal Non - Residential
Period being reported:	April 1, 2021 to March 31, 2022

<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 Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</p> <p>Rainbow District School Board 69 Young Street Sudbury, ON P3E 3G5</p> <p>Monetville Public School 7099 Hwy 64N</p>	<p><u>Complete for all other Categories.</u></p> <p>Number of Designated Facilities served: <input type="text" value="One"/></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 type="text" value="One"/></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> <p>Ministry of Education 900 Bay St, 21st Fl, Mowat Block Toronto ON M7A 1L2 Attn: Steve Mitchell Tel. 416 325-2015</p>
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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
N/A	N/A

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 []

O. Reg. 170 SECTION 11 ANNUAL REPORT

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 – Notice posted at school

Description of the Drinking-Water System

The water supply consists of a 150 mm Ø drilled well which was installed in bedrock in June 2002. A submersible pump supplies the raw water through a 40 Ø mm P.E. water main to the treatment and monitoring room in the school building. The chlorination system consists of a solution tank, a feed pump and an injector.

List of all water treatment chemicals used over this reporting period

Sodium Hypochlorite 12 %

Were any significant expenses incurred to?

- Install required equipment
- Repair required equipment
- Replace required equipment

Description and breakdown of monetary expenses incurred: There were no significant monetary expenses for the reporting period.

Work Order	Completion Date	Comment
N/A		

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
10-SEPT-21	Chlorine	0.04	mg/L	Boil water advisory issued. Cleaned injection point, restored Cl ₂ , and flushed system. Three sets of Bacti samples taken – results were non detect.	17-SEPT-21
13-SEPT-21	Chlorine	0	mg/L	Boil water advisory issued. Cleaned injection point, restored Cl ₂ , and flushed system. Two sets of Bacti samples taken – results were non detect.	17-SEPT-21

O. Reg. 170 SECTION 11 ANNUAL REPORT

Microbiological testing done under section 8-2 during this reporting period

	Number of Samples	Range of E.Coli or Fecal Results (#-#)	Range of Total Coliform Results (#-#)	Number of HPC Samples	Range of HPC Results (#-#)
Raw	12	0 – 0	0 – 0	N/A	
Treated	26	0 – 0	0 – 0	N/A	

Operational testing done under Schedule 7, 8 or 9 during the period covered by this Annual Report.

Parameter	Sample point	# samples	Min	Max	Average
Online Free Cl ₂ mg/L	analyzer	8760	0	3.85	1.90

*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 or order.

Date of order or C of A	Parameter	Date Sampled	Result	Unit of Measure
N/A				

Flushing & Testing for Lead in Drinking Water under Ontario Regulation 243/07 (Schools, Private Schools and Day Nurseries)

Location Type	Number of Samples	Lead Results (min #)-(max #)	Unit of Measure	Number of Exceedances
Plumbing - Standing	N/A			
Plumbing - Flushing	N/A			

***Lead sampling was not completed throughout the entire summer season (May -Oct).**

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

O. Reg. 170 SECTION 11 ANNUAL REPORT

Parameter	Sample Date (yyyy/mm/dd)	Result Value	Unit of Measure	Exceedance
Antimony	2020/01/09	<MDL 0.09	6.0	No
Arsenic	2020/01/09	0.4	10.0	No
Barium	2020/01/09	163.0	1000.0	No
Boron	2020/01/09	79.0	5000.0	No
Cadmium	2020/01/09	<MDL 0.003	5.0	No
Chromium	2020/01/09	0.14	50.0	No
Mercury	2020/01/09	<MDL 0.01	1.0	No
Selenium	2020/01/09	<MDL 0.04	50.0	No
Uranium	2020/01/09	0.895	20.0	No
Nitrite	2021/04/06	<0.003	mg/L	No
	2021/07/05	<0.003		No
	2021/10/05	<0.003		No
	2022/01/05	<0.003		No
Nitrate	2021/04/06	<0.009	mg/L	No
	2021/07/05	<0.014		No
	2021/10/05	0.008		No
	2022/01/05	0.008		No
Fluoride	2020/01/09	0.31	mg/L	No
Sodium	2020/01/09	21.3	mg/L	YES
Sodium Resample	2020/01/14	18.0	mg/L	No

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

Parameter	Sample Date (yyyy/mm/dd)	Result Value	Unit of Measure	Exceedance
Alachlor	2020/01/09	< 0.02	5.0	No
Atrazine + N-dealkylated metabolites	2020/01/09	< 0.01	5.0	No
Azinphos-methyl	2020/01/09	< 0.05	20.0	No
Benzene	2020/01/09	< 0.32	1.0	No
Benzo(a)pyrene	2020/01/09	< 0.004	0.01	No
Bromoxynil	2020/01/09	< 0.33	5.0	No
Carbaryl	2020/01/09	< 0.05	90.0	No
Carbofuran	2020/01/09	< 0.01	90.0	No
Carbon Tetrachloride	2020/01/09	< 0.17	2.0	No
Chlorpyrifos	2020/01/09	< 0.02	90.0	No
Cyanazine	2020/01/09	< 0.02	20.0	No
Diazinon	2020/01/09	< 0.2	120.0	No
Dicamba	2020/01/09	< 0.41	200.0	No
1,2-Dichlorobenzene	2020/01/09	< 0.36	5.0	No
1,4-Dichlorobenzene	2020/01/09	< 0.35	5.0	No
1,2-Dichloroethane	2020/01/09	< 0.33	14.0	No
1,1-Dichloroethylene (vinylidene chloride)	2020/01/09	< 0.35	50.0	No
Dichloromethane	2020/01/09	< 0.15	900.0	No
2-4 Dichlorophenol	2020/01/09	< 0.19	100.0	No

O. Reg. 170 SECTION 11 ANNUAL REPORT

2,4-Dichlorophenoxy acetic acid (2,4-D)	2020/01/09	< 0.4	9.0	No
Diclofop-methyl	2020/01/09	< 0.06	20.0	No
Dimethoate	2020/01/09	< 1.0	70.0	No
Diquat	2020/01/09	< 0.03	150.0	No
Diuron	2020/01/09	< 1.0	280.0	No
Glyphosate	2020/01/09	< 0.02	190.0	No
Malathion	2020/01/09	< 0.01	50.0	No
Metolachlor	2020/01/09	< 0.02	80.0	No
Metribuzin	2020/01/09	< 0.3	80.0	No
Monochlorobenzene	2020/01/09	< 1.0	10.0	No
Paraquat	2020/01/09	< 0.04	3.0	No
Pentachlorophenol	2020/01/09	< 0.15	60.0	No
Phorate	2020/01/09	< 0.01	2.0	No
Picloram	2020/01/09	< 1.0	190.0	No
Polychlorinated Biphenyls(PCB)	2020/01/09	< 0.03	1.0	No
Prometryne	2020/01/09	< 0.01	10.0	No
Simazine	2020/01/09	< 0.01	1.0	No
Terbufos	2020/01/09	< 0.35	10.0	No
Tetrachloroethylene	2020/01/09	< 0.2	100.0	No
2,3,4,6-Tetrachlorophenol	2020/01/09	< 0.01	230.0	No
Triallate	2020/01/09	< 0.44	5.0	No
2,4,6-Trichlorophenol	2020/01/09	< 0.25	5.0	No
Trifluralin	2020/01/09	< 0.12	100.0	No
Vinyl Chloride	2020/01/09	< 0.02	45.0	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	1/2 MAC VALUE	Date of Sample
Sodium	21.3	mg/L	10	14 Jan 2020

(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)