

1Part III Form 2
Section 11. ANNUAL REPORT.

Drinking-Water System Number:	260009503
Drinking-Water System Name:	Manitoulin High School
Drinking-Water System Owner:	Rainbow District School Board
Drinking-Water System Category:	Small Non-Municipal Non Residential
Period being reported:	April 1, 2024 – March 31, 2025

<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 [] 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; margin-top: 10px;"> <p>Rainbow District School Board 408 Wembly Dr Sudbury, ON P3E 1P2</p> </div>	<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 [X] 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>
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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
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 []

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 the School

Describe your Drinking-Water System

An onsite water supply system which uses surface water is employed. The water supply system consists of an inlet structure and a pump house at the shoreline of West Bay which services approximately 400 students. From here, the raw water is pumped to a mechanical filter system (clarifier). The microbead filter as well as the chlorination system and the water storage tank are located in the boiler room. The major components of the water supply system include the following:
 A 150 mm intake, pump house including wet well at the shoreline, 100 mm watermain including fittings and valves, micro bead filter, chlorination system and storage tank, two pumps and piping.

List all water treatment chemicals used over this reporting period

Sodium Hypochlorite 5%

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:

There were no significant monetary expenses for the reporting period.

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
n/a	n/a	n/a	n/a	n/a	n/a

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	N/A	N/A	N/A	N/A	
Treated	25	0 - 0	0 - 0	0	0 - 0

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	8760	0.01 – 0.45 NTU
Chlorine	8760	0.73 – 2.94 mg/L

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
N/A				

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

Parameter	Sample Date (yyyy/mm/dd)	Result Value	Unit of Measure	Exceedance
Antimony	2025/01/13	< MDL 0.6	ug/L	No
Arsenic	2025/01/13	0.4	ug/L	No
Barium	2025/01/13	12.5	ug/L	No
Boron	2025/01/13	12	ug/L	No
Cadmium	2025/01/13	0.003	ug/L	No
Chromium	2025/01/13	0.2	ug/L	No
Mercury	2025/01/13	< MDL 0.01	ug/L	No
Selenium	2025/01/13	0.08	ug/L	No
Sodium	2025/01/13	0.179	ug/L	No
Uranium	2025/01/13	< MDL 0.6	ug/L	No
Fluoride	2025/01/13	< MDL 0.06	mg/L	No
Nitrite	2024/04/02 2024/07/08 2024/10/09 2025/01/13	< MDL 0.003 < MDL 0.003 < MDL 0.003 < MDL 0.003	mg/L	No

Nitrate	2024/04/02	0.208	mg/L	No
	2024/07/08	0.229		
	2024/10/09	0.188		
	2025/01/13	0.228		

Summary of lead testing

Location Type	Number of Samples	Lead Results (min #)-(max #)	Unit of Measure	Number of Exceedances
Plumbing - Standing	1	0-0.04	ug/L	0
Plumbing - Flushing	1	0-0.08	ug/L	0

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

Parameter	Sample Date (yyyy/mm/dd)	Result Value	Unit of Measure	Exceedance
Alachlor	2025/01/13	< MDL 0.02	ug/L	No
Atrazine + N-dealkylated metabolites	2025/01/13	0.01	ug/L	No
Azinphos-methyl	2025/01/13	< MDL 0.05	ug/L	No
Benzene	2025/01/13	< MDL 0.32	ug/L	No
Benzo(a)pyrene	2025/01/13	< MDL 0.004	ug/L	No
Bromoxynil	2025/01/13	< MDL 0.33	ug/L	No
Carbaryl	2025/01/13	< MDL 0.05	ug/L	No
Carbofuran	2025/01/13	< MDL 0.01	ug/L	No
Carbon Tetrachloride	2025/01/13	< MDL 0.17	ug/L	No
Chlorpyrifos	2025/01/13	< MDL 0.02	ug/L	No
Cyanazine	-	-	ug/L	No
Diazinon	2025/01/13	< MDL 0.02	ug/L	No
Dicamba	2025/01/13	< MDL 0.2	ug/L	No
1,2-Dichlorobenzene	2025/01/13	< MDL 0.41	ug/L	No
1,4-Dichlorobenzene	2025/01/13	< MDL 0.36	ug/L	No
1,2-Dichloroethane	2025/01/13	< MDL 0.35	ug/L	No
1,1-Dichloroethylene (vinylidene chloride)	2025/01/13	< MDL 0.33	ug/L	No
Dichloromethane	2025/01/13	< MDL 0.35	ug/L	No
2-4 Dichlorophenol	2025/01/13	< MDL 0.15	ug/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	2025/01/13	< MDL 0.19	ug/L	No
Diclofop-methyl	2025/01/13	< MDL 0.4	ug/L	No
Dimethoate	2025/01/13	< MDL 0.06	ug/L	No
Diquat	2025/01/13	< MDL 1	ug/L	No
Diuron	2025/01/13	< MDL 0.03	ug/L	No
Glyphosate	2025/01/13	< MDL 1	ug/L	No
Malathion	2025/01/13	< MDL 0.02	ug/L	No
Metolachlor	2025/01/13	< MDL 0.01	ug/L	No
Metribuzin	2025/01/13	< MDL 0.02	ug/L	No

Monochlorobenzene	2025/01/13	< MDL 0.3	ug/L	No
Paraquat	2025/01/13	< MDL 1	ug/L	No
Pentachlorophenol	2025/01/13	< MDL 0.15	ug/L	No
Phorate	2025/01/13	< MDL 0.01	ug/L	No
Picloram	2025/01/13	< MDL 1	ug/L	No
Polychlorinated Biphenyls(PCB)	2025/01/13	< MDL 0.04	ug/L	No
Prometryne	2025/01/13	< MDL 0.03	ug/L	No
Simazine	2025/01/13	< MDL 0.01	ug/L	No
Terbufos	2025/01/13	< MDL 0.01	ug/L	No
Tetrachloroethylene	2025/01/13	< MDL 0.35	ug/L	No
2,3,4,6-Tetrachlorophenol	2025/01/13	< MDL 0.2	ug/L	No
Triallate	2025/01/13	< MDL 0.01	ug/L	No
2,4,6-Trichlorophenol	2025/01/13	< MDL 0.25	ug/L	No
Trifluralin	2025/01/13	< MDL 0.02	ug/L	No
Vinyl Chloride	2025/01/13	< MDL 0.17	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			

(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)