

November 2022

Superior-Greenstone District School Board

Dorion Public School
RR1
Dorion, Ontario
P0T 1K0

Re: Dorion Public School Drinking Water System Annual Report

To whom it may concern:

Attached is the April 1, 2019 – March 31, 2020 Annual Report for the Dorion Public School water supply system. The report is completed based on the information we have in our records in accordance with Section 11 of O. Reg. 170/03, under the Safe Drinking Water Act, which requires an Annual Report to be prepared not later than May 31st for the preceding year.

Please note that any Orders that you have received directly from the MECP should be reviewed. There were no MECP inspections during the reporting period.

Section 12 of O. Reg. 170/03, requires the Annual Report and test results be made available for inspection by any member of the public during normal business hours, without charge. The reports should be made available for inspection at a location that is reasonably convenient to the users of the water system.

Yours truly,

Patrick Albert
General Manager
Northwestern Ontario Regional Hub
807-853-0650

Copy to:

2019 - 2020 Annual Report

Dorion Public School Drinking Water System

November 2022

Prepared by the



Ontario Clean Water Agency
Agence Ontarienne Des Eaux



Section 11 ANNUAL REPORT

Drinking-Water System Number:	260015444
Drinking-Water System Name:	Dorion Public School
Drinking-Water System Owner:	Superior-Greenstone District School Board
Drinking-Water System Category:	Small Municipal Non-Residential Designated Facility
Period being reported:	April 1 2019 – March 31, 2020

<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 [x] 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: 60px; 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; padding: 2px; width: 100px; text-align: center;">One</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; padding: 2px; width: 100px; text-align: center;">One</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
N/A	N/A



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

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 (Municipal)
- 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

Dorion Public School has been serviced by a single on-site groundwater well supply since the school was built in 1993. The well is a drilled well 6 7/8 inch diameter and completed to a depth of 133 feet, where water is obtained from a sand/gravel aquifer. Maximum flow is 2.0 litres per second.

In order to comply with the minimum treatment requirements contained in the regulation, ultraviolet disinfecting equipment was installed in August 2002.

A professional consulting firm, Engineering Northwest Ltd. of Thunder Bay, was hired by the Board to provide design services and final certification for the water works at the school. This engineering assessment and certification is a mandatory requirement of the regulation to ensure that the water system meets the minimum treatment requirements set forth in the regulation.

List all water treatment chemicals used over this reporting period

- N/A

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

Install	Repair	Replace	Description	Expense

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	24	Absent	Absent	N/A	N/A
Treated	N/A	N/A	N/A	N/A	N/A
Distribution	24	Absent	Absent	0	N/A

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	N/A
Chlorine	N/A	N/A
Fluoride (If the DWS provides fluoridation)	N/A	N/A

***NOTE:** For continuous monitors use 8760 as the number of samples.*

** Turbidity & chlorine Min/Max (lows/highs) are due to planned maintenance and not plant upset.*

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	N/A	N/A	N/A	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	1-20-2016	<0.60	µg/L	No
Arsenic	1-20-2016	1.1	µg/L	No
Barium	1-20-2016	230	µg/L	No
Boron	1-20-2016	<50	µg/L	No
Cadmium	1-20-2016	<0.10	µg/L	No
Chromium	1-20-2016	<1.0	µg/L	No
*Lead	Refer to Summary Table Below			
Mercury	1-20-2016	< 0.1	µg/L	No
Selenium	1-20-2016	< 1.0	µg/L	No
Sodium	1-20-2016	2.64	mg/L	No
Uranium	1-20-2016	< 2.0	µg/L	No
Fluoride	01-20-2016	0.048	mg/L	No
Nitrite	04-18-2019	<0.01	mg/L	No



	08-29-2019	<0.01	mg/L	No
	11-20-2019	<0.01	mg/L	No
	02-24-2020	<0.01	mg/L	No
Nitrate	04-18-2019	0.129	mg/L	No
	08-29-2019	0.120	mg/L	No
	11-20-2019	0.108	mg/L	No
	02-24-2020	0.205	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 #)	Number of Exceedances
Plumbing	2	0 - <1	0
Distribution	N/A	N/A	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	1-20-2016	<0.10	µg/L	No
Atrazine + N-dealkylated metabolites	1-20-2016	<0.20	µg/L	No
Azinphos-methyl	1-20-2016	<0.10	µg/L	No
Benzene	1-20-2016	<0.50	µg/L	No
Benzo(a)pyrene	1-20-2016	<0.010	µg/L	No
Bromoxynil	1-20-2016	<0.20	µg/L	No
Carbaryl	1-20-2016	<0.20	µg/L	No
Carbofuran	1-20-2016	<0.20	µg/L	No
Carbon Tetrachloride	1-20-2016	<0.50	µg/L	No
Chlorpyrifos	1-20-2016	<0.10	µg/L	No
Diazinon	1-20-2016	<0.10	µg/L	No
Dicamba	1-20-2016	<0.20	µg/L	No
1,2-Dichlorobenzene	1-20-2016	<0.50	µg/L	No



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

1,4-Dichlorobenzene	1-20-2016	<0.50	µg/L	No
1,2-Dichloroethane	1-20-2016	<0.50	µg/L	No
1,1-Dichloroethylene (vinylidene chloride)	1-20-2016	<0.50	µg/L	No
Dichloromethane (Methylene Chloride)	1-20-2016	<5.0	µg/L	No
2-4 Dichlorophenol	1-20-2016	<0.30	µg/L	No
2,4-Dichlorophenoxy acetic acid (2,4-D)	1-20-2016	116.2	µg/L	No
Diclofop-methyl	1-20-2016	<0.20	µg/L	No
Dimethoate	1-20-2016	<0.10	µg/L	No
Diquat	1-20-2016	<1.0	µg/L	No
Diuron	1-20-2016	<1.0	µg/L	No
Glyphosate	1-20-2016	<5.0	µg/L	No
Haloacetic acids (HAA)* (NOTE: show latest annual average)	N/A	N/A	ug/L	N/A
Malathion	1-20-2016		µg/L	No
Metolachlor	1-20-2016	<0.10	µg/L	No
Metribuzin	1-20-2016	<0.10	µg/L	No
Monochlorobenzene (Chlorobenzene)	1-20-2016	<0.50	µg/L	No
Paraquat	1-20-2016	<1.0	µg/L	No
Pentachlorophenol	1-20-2016	<0.50	µg/L	No
Phorate	1-20-2016	<0.10	µg/L	No
Picloram	1-20-2016	<0.20	µg/L	No
Polychlorinated Biphenyls(PCB)	1-20-2016	<0.035	µg/L	No
Prometryne	1-20-2016	<0.10	µg/L	No
Simazine	1-20-2016	<0.10	µg/L	No
THM (NOTE: show latest annual average)	1-20-2016	<4.0	µg/L	No
Terbufos	1-20-2016	<0.20	µg/L	No
Tetrachloroethylene	1-20-2016	<0.50	µg/L	No
2,3,4,6-Tetrachlorophenol	1-20-2016	<0.50	µg/L	No
Triallate	1-20-2016	<0.10	µg/L	No
Trichloroethylene	1-20-2016	<0.50	µg/L	No
2,4,6-Trichlorophenol	1-20-2016	<0.50	µg/L	No
Trifluralin	1-20-2016	<0.10	µg/L	No
Vinyl Chloride	1-20-2016	<0.20	µg/L	No
MCPA	1-20-2016	<0.20	µg/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			