



Part III Form 2

Section 11. ANNUAL REPORT.

<b>Drinking-Water System Number:</b>	260014300
<b>Drinking-Water System Name:</b>	St. Luke's (Downeyville)
<b>Drinking-Water System Owner:</b>	Peterborough Victoria Northumberland Clarington Catholic District School Board
<b>Drinking-Water System Category:</b>	Small Non Municipal Non Residential - Designated
<b>Period being reported:</b>	April 1, 2021 to March 31, 2022

<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:</p> <div style="border: 1px solid black; display: inline-block; padding: 2px 10px;">1</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; display: inline-block; padding: 2px 10px;">1</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	

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 [ ] N/A [x]



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 \_\_\_\_\_

**Describe your Drinking-Water System**

<p><b>Source</b></p> <p>- one (1) drilled well</p> <p><b>Treatment</b></p> <p>- Water softener</p> <p>- 5µm cartridge filter</p> <p>- Primary disinfection provided by UV disinfection</p> <p>- Reverse Osmosis System with redundant UV disinfection</p>
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**List all water treatment chemicals used over this reporting period**

Sodium chloride for water softener regeneration
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**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**

<ul style="list-style-type: none"> <li>• General maintenance</li> </ul>
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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



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	12	0 – 0	0 – 4	-	-
Treated	4	-	-	-	-
Distribution	12	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 #)	Unit of Measure
Turbidity	N/A		
Chlorine	N/A		
Fluoride (If the DWS provides fluoridation)	N/A		

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

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

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	August 18, 2021	0.9#<MDL	µg/L	No
Arsenic	August 18, 2021	0.2#<MDL	µg/L	No
Barium	August 18, 2021	0.45	µg/L	No
Boron	August 18, 2021	15	µg/L	No
Cadmium	August 18, 2021	0.011	µg/L	No



<b>Chromium</b>	August 18, 2021	0.3	µg/L	No
<b>*Lead (standing) – Bottle Refill #9</b>	September 16, 2021	0.01#<MDL	µg/L	No
<b>*Lead (flushed) – Bottle Refill #9</b>	September 16, 2021	0.01#<MDL	µg/L	No
<b>*Lead (standing) – Bottle Refill #10</b>	September 17, 2021	0.01#<MDL	µg/L	No
<b>*Lead (flushed) – Bottle Refill #10</b>	September 17, 2021	0.01#<MDL	µg/L	No
<b>*Lead (standing) – Bottle Refill #11</b>	September 21, 2021	0.05	µg/L	No
<b>*Lead (flushed) – Bottle Refill #11</b>	September 21, 2021	0.01#<MDL	µg/L	No
<b>Mercury</b>	August 18, 2021	0.01#<MDL	µg/L	No
<b>Selenium</b>	August 18, 2021	0.16	µg/L	No
<b>Sodium</b>	<b>August 18, 2021</b>	<b>202##MAC</b>	<b>mg/L</b>	<b>Yes</b>
<b>Sodium - Resample</b>	August 25, 2021	185##MAC	mg/L	No, reportable every 57 months
<b>Uranium</b>	August 18, 2021	0.561	µg/L	No
<b>Fluoride</b>	August 18, 2021	0.06#<MDL	mg/L	No
<b>Nitrite</b>	May 18, 2021	0.019	as N mg/L	No
	August 18, 2021	0.03	as N mg/L	No
	November 10, 2021	0.018	as N mg/L	No
	February 15, 2022	0.012	as N mg/L	No
<b>Nitrate</b>	May 18, 2021	9.11	as N mg/L	No (1/2 exceed)
	August 18, 2021	2.8	as N mg/L	No
	November 10, 2021	8.6	as N mg/L	No (1/2 exceed)
	February 15, 2022	6.45	as N mg/L	No (1/2 exceed)

\*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
<b>Plumbing</b>				
<b>Distribution</b>				



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

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
1,1-Dichloroethylene	August 18, 2021	0.33#<MDL	µg/L	No
1,2-Dichlorobenzene	August 18, 2021	0.41#<MDL	µg/L	No
1,2-Dichloroethane	August 18, 2021	0.35#<MDL	µg/L	No
1,4-Dichlorobenzene	August 18, 2021	0.36#<MDL	µg/L	No
2,4-D	August 18, 2021	0.19#<MDL	µg/L	No
2,4-Dichlorophenol	August 18, 2021	0.15#<MDL	µg/L	No
Alachlor	August 18, 2021	0.02#<MDL	µg/L	No
Atrazine+metabs	August 18, 2021	0.01#<MDL	µg/L	No
Atrazine	August 18, 2021	0.01#<MDL	µg/L	No
Azinphos-methyl	August 18, 2021	0.05#<MDL	µg/L	No
Benzene	August 18, 2021	0.32#<MDL	µg/L	No
Benzo(a)pyrene	August 18, 2021	0.004#<MDL	µg/L	No
Bromoxynil	August 18, 2021	0.33#<MDL	µg/L	No
Carbaryl	August 18, 2021	0.05#<MDL	µg/L	No
Carbofuran	August 18, 2021	0.01#<MDL	µg/L	No
Carbon tetrachloride	August 18, 2021	0.17#<MDL	µg/L	No
Chlorpyrifos	August 18, 2021	0.02#<MDL	µg/L	No
Desethyl atrazine	August 18, 2021	0.01#<MDL	µg/L	No
Diazinon	August 18, 2021	0.02#<MDL	µg/L	No
Dicamba	August 18, 2021	0.20#<MDL	µg/L	No
Dichloromethane	August 18, 2021	0.35#<MDL	µg/L	No
Diclofop-methyl	August 18, 2021	0.40#<MDL	µg/L	No
Dimethoate	August 18, 2021	0.06#<MDL	µg/L	No
Diquat	August 18, 2021	1#<MDL	ug/L	No
Diuron	August 18, 2021	0.03#<MDL	µg/L	No
Glyphosate	August 18, 2021	1#<MDL	ug/L	No
Malathion	August 18, 2021	0.02#<MDL	µg/L	No
MCPA	August 18, 2021	0.00012#<MDL	mg/L	No
Metolachlor	August 18, 2021	0.01#<MDL	µg/L	No
Metribuzin	August 18, 2021	0.02#<MDL	µg/L	No
Monochlorobenzene	August 18, 2021	0.3#<MDL	µg/L	No
Paraquat	August 18, 2021	1#<MDL	ug/L	No
PCB	August 18, 2021	0.04#<MDL	µg/L	No
Pentachlorophenol	August 18, 2021	0.15#<MDL	µg/L	No
Phorate	August 18, 2021	0.01#<MDL	µg/L	No
Picloram	August 18, 2021	1#<MDL	µg/L	No
Prometryne	August 18, 2021	0.03#<MDL	µg/L	No
Simazine	August 18, 2021	0.01#<MDL	µg/L	No
Terbufos	August 18, 2021	0.01#<MDL	µg/L	No
Tetrachloroethylene	August 18, 2021	0.35#<MDL	µg/L	No



<b>Tetrachlorophenol</b>	August 18, 2021	0.20#<MDL	µg/L	No
<b>Triallate</b>	August 18, 2021	0.01#<MDL	µg/L	No
<b>Trichloroethylene</b>	August 18, 2021	0.44#<MDL	µg/L	No
<b>Trichlorophenol</b>	August 18, 2021	0.25#<MDL	µg/L	No
<b>Trifluralin</b>	August 18, 2021	0.02#<MDL	µg/L	No
<b>Vinyl Chloride</b>	August 18, 2021	0.17#<MDL	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.

<b>Parameter</b>	<b>Result Value</b>	<b>Unit of Measure</b>	<b>Date of Sample</b>
Nitrate	9.11	µg/L	May 18, 2021
Nitrate	8.6	µg/L	November 18, 2021
Nitrate	6.45	µg/L	February 10, 2022
Sodium	202##MAC	µg/L	August 18, 2021