

**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, 2024 to March 31, 2025

<b><u>Complete if your Category is Large Municipal Residential or Small Municipal Residential</u></b>	<b><u>Complete for all other Categories.</u></b>
<b>Does your Drinking-Water System serve more than 10,000 people? Yes [ ] No [ ]</b>	<b>Number of Designated Facilities served:</b> <div>1</div>
<b>Is your annual report available to the public at no charge on a web site on the Internet? Yes [ ] No [ ]</b>	<b>Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [ x ] No [ ]</b>
<b>Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.</b> <div></div>	<b>Number of Interested Authorities you report to:</b> <div>1</div> <b>Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [ x ] No [ ]</b>

**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****Source**

- one (1) drilled well

**Treatment**

- Water softener  
- 5µm cartridge filter  
- Primary disinfection provided by UV disinfection  
- Reverse Osmosis System with redundant UV disinfection

**List all water treatment chemicals used over this reporting period**

Sodium chloride for water softener regeneration

**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**

- General maintenance

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 – NDOGT	0 – NDOGT	-	-
Treated	4	-	-	-	-
Distribution	37	0 – NDOGT	0 – NDOGT	-	-

\*NDOGT – No Data: Overgrown with Target Bacteria

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	N/A			
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

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
Chromium	August 18, 2021	0.3	µg/L	No
*Lead (standing) – H12 (North) – BF	July 26, 2024	0.01 <MDL	µg/L	No
*Lead (flushed) – H12 (North) – BF	July 26, 2024	0.01 <MDL	µg/L	No
Mercury	August 18, 2021	0.01#<MDL	µg/L	No
Selenium	August 18, 2021	0.16	µg/L	No
Sodium	August 18, 2021	202##MAC	mg/L	Yes
Sodium - Resample	August 25, 2021	185##MAC	mg/L	No, reportable every 57 months
Uranium	August 18, 2021	0.561	µg/L	No

<b>Fluoride</b>	August 18, 2021	0.06#<MDL	mg/L	No
<b>Nitrite – Utility Room</b>	May 17, 2024	0.005	as N mg/L	No
	August 12, 2024	0.052	as N mg/L	No
	November 13, 2024	0.003	as N mg/L	No
	February 06, 2025	0.015	as N mg/L	No
<b>Nitrite – DW-FTN adj. Room 124</b>	May 17, 2024	0.003 <MDL	as N mg/L	No
	August 12, 2024	0.003 <MDL	as N mg/L	No
	November 13, 2024	0.003 <MDL	as N mg/L	No
	February 06, 2025	0.003 <MDL	as N mg/L	No
<b>Nitrate – Utility Room</b>	May 17, 2024	6.47	as N mg/L	No (1/2)
	August 12, 2024	2.79	as N mg/L	No
	November 13, 2024	1.58	as N mg/L	No
	February 06, 2025	8.67	as N mg/L	No (1/2)
<b>Nitrate – DW-FTN adj. Room 124</b>	May 17, 2024	1.41	as N mg/L	No
	August 12, 2024	2.38	as N mg/L	No
	November 13, 2024	0.455	as N mg/L	No
	February 06, 2025	1.20	as N 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)

<b>Location Type</b>	<b>Number of Samples</b>	<b>Range of Lead Results (min#) – (max #)</b>	<b>Unit of Measure</b>	<b>Number of Exceedances</b>
<b>Plumbing</b>				
<b>Distribution</b>				

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

<b>Parameter</b>	<b>Sample Date</b>	<b>Result Value</b>	<b>Unit of Measure</b>	<b>Exceedance</b>
<b>1,1-Dichloroethylene</b>	August 18, 2021	0.33#<MDL	µg/L	No
<b>1,2-Dichlorobenzene</b>	August 18, 2021	0.41#<MDL	µg/L	No
<b>1,2-Dichloroethane</b>	August 18, 2021	0.35#<MDL	µg/L	No
<b>1,4-Dichlorobenzene</b>	August 18, 2021	0.36#<MDL	µg/L	No
<b>2,4-D</b>	August 18, 2021	0.19#<MDL	µg/L	No
<b>2,4-Dichlorophenol</b>	August 18, 2021	0.15#<MDL	µg/L	No
<b>Alachlor</b>	August 18, 2021	0.02#<MDL	µg/L	No
<b>Atrazine+metabs</b>	August 18, 2021	0.01#<MDL	µg/L	No
<b>Atrazine</b>	August 18, 2021	0.01#<MDL	µg/L	No
<b>Azinphos-methyl</b>	August 18, 2021	0.05#<MDL	µg/L	No
<b>Benzene</b>	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
Tetrachlorophenol	August 18, 2021	0.20#<MDL	µg/L	No
Triallate	August 18, 2021	0.01#<MDL	µg/L	No
Trichloroethylene	August 18, 2021	0.44#<MDL	µg/L	No
Trichlorophenol	August 18, 2021	0.25#<MDL	µg/L	No
Trifluralin	August 18, 2021	0.02#<MDL	µg/L	No
Vinyl Chloride	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.

Parameter	Result Value	Unit of Measure	Date of Sample
Nitrate – Utility Room	6.47	as N mg/L	May 17, 2024
	8.67	as N mg/L	February 06, 2025
Sodium	202##MAC	mg/L	August 18, 2021
Sodium - Resample	185##MAC	mg/L	August 25, 2021