



## Newbury Distribution System Annual Report- 2024

<b>Drinking-Water System Number:</b>	260005463
<b>Drinking-Water System Name:</b>	Newbury Distribution System
<b>Drinking-Water System Owner:</b>	Corporation of the Village of Newbury
<b>Drinking-Water System Category:</b>	Large Municipal Residential
<b>Period being reported:</b>	January 01 - December 31, 2024

### **Complete if your Category is Large Municipal Residential or Small Municipal Residential**

**Does your Drinking-Water System serve more than 10,000 people? Yes [ ] No [ X ]**

**Is your annual report available to the public at no charge on a web site on the Internet? Yes [ X ] No [ ]**

**Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.**

Village of Newbury  
22910 Hagerty Road  
P.O. Box 130  
Newbury, ON N0L 1Z0

### **Complete for all other Categories.**

**Number of Designated Facilities served:**

N/A

**Did you provide a copy of your annual report to all Designated Facilities you serve? Yes [ ] No [ ]**

**Number of Interested Authorities you report to:**

N/A

**Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility? Yes [ ] No [ ]**

**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:**

<b>Drinking Water System Name</b>	<b>Drinking Water System Number</b>
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 [ ]**

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 (Newsletter)

**Describe your Drinking-Water System**

The Newbury Distribution System (DS) receives water from the Southwest Middlesex DS to supply water to the Village of Newbury and the Four Counties Hospital. The Newbury DS is also a donor system to the Southwest Middlesex Drinking Water System.

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

There are no chemicals used in the Newbury Distribution System. The Southwest Middlesex Distribution System provides the Newbury Distribution System with secondary disinfection using sodium hypochlorite.

**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 expenses for installation, repair or replacement of any equipment.

**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	N/A				



Treated	N/A				
Distribution	212	0-0	0-0	212	10-790

**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	420	0.34 - 1.58	mg/L	
Fluoride (If the DWS provides fluoridation)				

**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

**As**

**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				
Arsenic				
Barium				
Boron				
Cadmium				
Chromium				
*Lead				
Mercury				
Selenium				
Sodium				
Uranium				
Fluoride				
Nitrite				
Nitrate				

\*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>	1	0.24	µg/L	0
<b>Distribution</b>	1	0.39	µg/L	0
Note: <sup>1</sup> As per Schedule 15.1-5 (3), The Village of Newbury follows a reduced sampling Schedule for Lead sampling and is therefore required to take Lead samples every third 12-month period. Lead sampling was due in 2024. During the reporting period, lead sampling was completed April 11, 2024 & Oct 09, 2024. <sup>2</sup> Alkalinity & pH sampling was also completed during the reporting period.				

Location Type	Parameter	Sample Date	Unit of Measure	Result Value
Plumbing	Alkalinity	Apr 11	mg/L	96
Plumbing	pH	Apr 11	-	8.08
Distribution	Alkalinity	Oct 09	mg/L	99
Distribution	pH	Oct 09	-	8.10

**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				
Aldicarb				
Aldrin + Dieldrin				
Atrazine + N-dealkylated metabolites				
Azinphos-methyl				
Bendiocarb				
Benzene				
Benzo(a)pyrene				
Bromoxynil				
Carbaryl				
Carbofuran				
Carbon Tetrachloride				
Chlordane (Total)				
Chlorpyrifos				
Cyanazine				
Diazinon				
Dicamba				
1,2-Dichlorobenzene				
1,4-Dichlorobenzene				
Dichlorodiphenyltrichloroethane (DDT) + metabolites				
1,2-Dichloroethane				
1,1-Dichloroethylene (vinylidene chloride)				



Dichloromethane				
2-4 Dichlorophenol				
2,4-Dichlorophenoxy acetic acid (2,4-D)				
Diclofop-methyl				
Dimethoate				
Dinoseb				
Diquat				
Diuron				
Glyphosate				
<b>HAA</b> (NOTE: show latest annual average)  Latest Annual Average = 35.0 µg/L	Jan 08	34.5	µg/L	No
	Apr 11	24.0	µg/L	No
	Aug 26	44.1	µg/L	No
	Oct 07	37.4	µg/L	No
Heptachlor + Heptachlor Epoxide				
Lindane (Total)				
Malathion				
Methoxychlor				
Metolachlor				
Metribuzin				
Monochlorobenzene				
Paraquat				
Parathion				
Pentachlorophenol				
Phorate				
Picloram				
Polychlorinated Biphenyls(PCB)				
Prometryne				
Simazine				
<b>THM</b> (NOTE: show latest annual average)  Latest Annual Average = 76.5 ug/L	Jan 08	44	µg/L	No
	Apr 11	48	µg/L	No
	Aug 26	102	µg/L	Yes
	Oct 07	112	µg/L	Yes
Temephos				
Terbufos				
Tetrachloroethylene				
2,3,4,6-Tetrachlorophenol				
Triallate				
Trichloroethylene				
2,4,6-Trichlorophenol				
2,4,5-Trichlorophenoxy acetic acid (2,4,5-T)				



Trifluralin				
Vinyl Chloride				

**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
THM	76.5 (RAA)	ug/L	Running Annual Average