

The Corporation of the Village of Newbury

Newbury Water Distribution System

Municipal Drinking Water Licence Number 249-101

Drinking Water Works Permit Number 249-201

January 1 to December 31, 2024

2024 Schedule 22 Compliance Report

Prepared for:

Village of Newbury
22910 Hagerty Road
P.O. Box 130,
Newbury, ON N0L1Z0

Prepared by:

Sco-Terra Operations Group Inc.

System Description

The Newbury Distribution System is categorized as Large Municipal Residential Drinking Water System, receiving water from the Southwest Middlesex Distribution System to supply water to the Village of Newbury and the Four Counties Hospital. The Newbury Distribution is also a donor system to the Southwest Middlesex Drinking Water System.

Reporting Requirements

Safe Drinking Water Act, O. Reg. 170/03: Drinking Water Systems Schedule 22 Summary Reports for Municipalities

Section 22-2. (2)

(2) The report must,

(a) list the requirements of the Act, the regulations, the system's approval, drinking water works permit, municipal drinking water licence, and any orders applicable to the system that were not met at any time during the period covered by the report; and

(b) for each requirement referred to in clause (a) that was not met, specify the duration of the failure and the measures that were taken to correct the failure.

Compliance with the Safe Drinking Water Act, O. Reg. 170/03, Municipal Drinking Water Licence #249-101 and Drinking Water Works Permit # 249-201

This report is prepared in accordance with Schedule 22 of O. Reg. 170/03 and provides a summary of water quality information, water quantity statistics and any non-compliance events for the reporting period January 1 to December 31, 2024.

This report was prepared by Sco-Terra Operations Group Inc. with flow data supplied by the Village of Newbury.

The Newbury Distribution System was sampled by Sco-Terra Operations Group Inc. under the requirements of the Safe Drinking Water Act, 2002, the regulations made thereunder, and the Municipal Drinking Water Licence # 249-101.

No provincial Orders were issued against the Newbury Distribution system in relation to the sampling performed by Sco-Terra Operations Group Inc.

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. The Village of Newbury DS was scheduled for another round of lead sampling in 2024, following the previous round completed in 2021. The required lead, alkalinity and pH samples were taken during the reporting period, all of which were in compliance as per Ontario Regulation 170/03.

An Annual Site Inspection was conducted by the Ministry of the Environment, Conservation and Parks (MECP) Water Compliance Officer on July 16, 2024. The Inspection covered the period from July 01, 2023, to June 30, 2024. There were no instances of non-compliance and/or non-conformance identified during the Inspection Report.

Adverse Water Quality Incident

There were no Adverse Water Quality Incidents during the reporting period.

Information on Drinking Water advisories, Boil Water Advisories

There were no drinking water advisories or boil water advisories issued during the reporting period.

Schedule 22-2. (3)

(3) The report must also include the following information for the purpose of enabling the owner of the system to assess the capability of the system to meet existing and planned uses of the system:

- 1. A summary of the quantities and flow rates of the water supplied during the period covered by the report, including monthly average and maximum daily flows.*
- 2. A comparison of the summary referred to in paragraph 1 to the rated capacity and flow rates approved in the system's approval, drinking water works permit or municipal drinking water licence, or if the system is receiving all of its water from another system under an agreement pursuant to subsection 5 (4), to the flow rates specified in the written agreement.*

The total flow data in this section is supplied by staff of the Village of Newbury.

In accordance with Schedule 22-2(3) 1, Table 1 provides a summary of the quantity of water purchased in 2024, for comparison to the rated capacity in the Municipal Drinking Water Licence # 249-101, including monthly average and maximum daily flows.

Table 1 – Summary of Quantities of Flow for 2024

Rated Capacity does not apply to this system.

| Month | Total Flow (m ³ /month) |
|-----------------------------|------------------------------------|
| January | 3,417.5 |
| February | 2,873.7 |
| March | 2,972.0 |
| April | 3,926.8 |
| May | 3,847.0 |
| June | 4,722.5 |
| July | 5,363.5 |
| August | 4,407.0 |
| September | 3,242.7 |
| October | 4,823.3 |
| November | 3,579.1 |
| December | 3,361.3 |
| Total Flow 2024 | 46,536.4 |
| Average Monthly Flow | 3,878.0 |
| | |
| Total Flow for 2023 | 47,959.0 |
| Average Monthly Flow | 3,996.6 |

There is no rated capacity identified in the Municipal Drinking Water License # 249-101 for the Newbury Distribution System.

Monthly Flow Data for this Report was provided by the Village of Newbury. Therefore, calculation of Total Flow and Average Monthly Flows are based on the data provided by the Village. Water supplied to the Village of Newbury is billed by the Municipality of Southwest Middlesex.

The calculated monthly average flow for 2024 was 3,878.0 m³.

The maximum daily flow for 2024 is not available as the meter reading frequency is monthly.

The Total Flow for 2024 was 46,536.4 m³ compared to a 2023 Total Flow of 47,959.0 m³.

This represents a 2.97% decrease in the Annual Flow from 2023.