

**THE CORPORATION OF THE VILLAGE OF NEWBURY  
NEWBURY WATER DISTRIBUTION SYSTEM**

**2017 SCHEDULE 22 COMPLIANCE REPORT**

**January 1- December 31, 2017**

**Municipal Drinking Water Licence # 249-101**

**Drinking Water Works Permit # 249-201**

Prepared by CKC

Samplers of the System

## **System Description**

The Newbury Distribution System receives water from the Southwest Middlesex Distribution System to supply water to the Village of Newbury and to Four Counties Hospital.

## **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 a summary of water quality information for the Newbury Distribution System, published in accordance with Schedule 22 of O. Reg. 170/03, for the reporting period noted on the cover page. The Newbury Distribution system is categorised as a Large Municipal Residential Drinking Water System.

This report was prepared by the samplers, CKC, with flow data supplied by the Village of Newbury.

The Newbury Distribution System was sampled under requirements of the Safe Drinking Water Act, the regulations, and the Municipal Drinking Water Licence # 249-101.

No Provincial Orders were issued against the Newbury Distribution System in relation to the sampling.

Staff of the Village of Newbury directs the Lead Sampling Program and also carries out the sampling for this parameter; Village of Newbury staff receives the laboratory reports. Results of the Lead Sampling are included in the Annual Report.

Staff of the Village report that the Ministry of the Environment performed an Inspection of the System 19 April 2017 with the following Non Compliance issues noted:

'From herein, the Owner/Operating Authority shall ensure that all lead samples prescribed by Ontario Regulation 170/03—Schedule 15.1-5(5) are collected within the appropriate sampling window. Compliance with this requirement will be assessed during the next inspection of the drinking water system.'

## **Information on Drinking Water Advisories, Boil Water Advisories**

The following drinking water advisories or boil water advisories were issued during the reporting period:

AWQI #136469: Sept 7: Total Coliform count of 5 cfu/100 mL.  
Distribution sample at Sample Station #1 across from Four Counties Hospital.  
Upstream, at-the-site and downstream sample results satisfactory.  
The incident was resolved on Sept 11.

## **Summary and Discussion of Quantity of Water Purchased for the Reporting Year**

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 includes a summary of the quantity of water purchased during the reporting period compared to the rated capacity stated in the Municipal Drinking Water Licence # 249-101, including monthly average and maximum flows.

**Table 1**

**Rated Capacity does not apply to this system**

### **SUMMARY OF QUANTITIES OF FLOW 2017**

	<b>TOTAL FLOW</b>
<b>MONTH</b>	<b>m3 PER MONTH</b>
<b>Jan</b>	<b>3106.5</b>
<b>Feb</b>	<b>2736</b>
<b>Mar</b>	<b>2967</b>
<b>Apr</b>	<b>1980</b>
<b>May</b>	<b>4345</b>
<b>Jun</b>	<b>4069.5</b>
<b>Jul</b>	<b>4066</b>
<b>Aug</b>	<b>5327</b>
<b>Sept</b>	<b>3478</b>
<b>Oct</b>	<b>4146</b>
<b>Nov</b>	<b>2987</b>
<b>Dec</b>	<b>3586</b>
<b>Total Year Flow</b>	<b>42792</b>

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

The total flow data for this report was supplied by the Village of Newbury, and calculations were based on the data supplied. Volumes are billed by the sole supplier of the water, the Municipality of Southwest Middlesex.

The calculated monthly average flow for the reporting period was 3,566 m3.

The maximum monthly flow for the reporting period is not available as the meter reading frequency is monthly.

The total flow for the reporting period was 42,792 m<sup>3</sup>, against a 2016 total flow of 44,232 m<sup>3</sup>. This represents a decrease of 3.37% in annual flow from 2016.