

DATE: February 16, 2021

REPORT NO: PW-02-2021

SUBJECT: Township of West Lincoln 2020 Water Quality Annual Report

CONTACT: Steve McGean CRSI, ORO, Manager of Operations

OVERVIEW:

- Under the requirements of O. Reg. 170 made under the Safe Drinking Water Act, the owner of a drinking water system is required to prepare an Annual Report and make it available free of charge to any persons requesting a copy.
- This report is being provided to Council supplementary to regulatory requirements.
- A copy of this report is attached.

RECOMMENDATION:

1. That, report PW-02-2021, re: Township of West Lincoln 2020 Water Quality Annual Report, dated February 16, 2021, be received for information.

ALIGNMENT TO STRATEGIC PLAN:

Theme #5

- Community Health and Safety

Theme #6

- Efficient, Fiscally Responsible Operations

BACKGROUND:

The delivery of potable water in Ontario is regulated by the Ministry of the Environment, Conservation and Parks (MECP) under the Safe Drinking Water Act, 2002. On June 1, 2003, O. Reg. 170/03, Drinking Water Systems, came into effect. This regulation prescribes requirements for owners and operators of municipal drinking water systems.

Under the requirements of O. Reg. 170/03 made under the Safe Drinking Water Act, the owner of a drinking water system is required to prepare an Annual Report no later than February 28 of each year and make it available free of charge to any persons requesting a copy.

This Regulation also requires the owner to produce an Annual Report. This report must include the following:

- Description of the system
- Summary of all required testing results
- Summary of any adverse water quality reports and corrective actions
- Description of any major expenses incurred to install, repair or replace required equipment

CURRENT SITUATION:

The Smithville Distribution System has approximately 34 km of water mains, serving approximately 5945 residents; the system contains about 257 hydrants and 308 valves.

The Township also owns and operates a bulk fill station to serve the rural population as well as a small container fill station.

All Township owned services are protected by backflow devices.

Smithville receives its treated water from the Grimsby Water Treatment Plant which is owned by the Regional Municipality of Niagara (MOE waterworks #220007150).

Distribution Water is sampled for Microbiological and Chemical parameters and chlorine residuals. These samples are done weekly and quarterly by Licensed Township water operators.

There was one adverse sample in 2020 within the distribution system. A hydrant sample had a parameter of TC 1, which is very indicative of a sampling error. All other samples taken were within ministry standards. The water operators follow all policies and procedures while sampling.

The distribution system added approximately 750 metres of new water main.

The Township of West Lincoln's 2020 Water Quality Report is being provided to Council for information purposes.

The report has been made available to the public.

FINANCIAL IMPLICATIONS:

There are no financial implications as a result of this report.

INTER-DEPARTMENTAL COMMENTS:

Not Applicable

CONCLUSION:


In conclusion, Township of West Lincoln 2020 Water Quality Annual Report is being provided to Council for information purposes and to advise them that the report has been made available to the public.

Prepared & Submitted by:



Steve McGean, ORO, CRSS
Manager of Operations

Approved by:



Beverly Hendry
Township CAO

Attachment A: 2020 Annual Drinking Water Report