



Huronville Water and Wastewater Quality Management System Report for the Year 2024

HURONVILLE SUBDIVISION WATER DISTRIBUTION SYSTEM

Water Quality

A minimum of one sample is to be collected each month for microbiological testing. Along with microbiological testing at least one free chlorine residual was taken in the Huronville Subdivision each month. There were no incidents of adverse water quality due to low chlorine residuals. The minimum residual recorded was 0.26mg/L on August 6. The average residual from samples collected in 2024 was 0.88 mg/L.

Distribution samples were collected from hydrants in March and August and tested for pH, Alkalinity and Lead. The Lead testing results were well below the allowable limit.

The following table shows the range of sample results in 2024 for the Huronville Distribution System.

Parameter	Number of Samples	Range of Results	Maximum Allowable Concentration
Microbiological (Total Coliform and Escherichia coli) (cfu/100mL)	13	0 - 0	>0 mg/L
Microbiological (HPC)	13	0 - <10	>500 mg/L
Free Chlorine Residual (mg/L)	23	0.26 – 1.28	Min. 0.05mg/L Max 4.0 mg/L
pH	2	6.3 – 8.1	--
Alkalinity (mg/L)	2	61 - 72	500 mg/L
Lead (ug/L)	2	0.03 – 0.42	10 ug/L

Water Supply

The Huronville Distribution System was fed from the Lakeshore Drinking Water System in the Township of Huron Kinloss from November 26-28, 2024, while the Kincardine Water Treatment Plant was shut down for maintenance.

Ministry of the Environment, Conservation and Parks

The Ministry conducted an on-site inspection on December 4, 2024. The Huronville MECIP Inspection report did not note any non-compliance items or Best Practices.

Customer Complaints

There were no customer complaints received by staff in 2024.

Maintenance Activities

Flushing of the fire hydrants in the Huronville Subdivision occurred in June and October 2024. All hydrants were checked and flagged for the winter in October 2024.

Four (4) secondary valves for hydrants and five (5) main water valves were operated as part of the valve exercising program. Most valves required the dirt to be cleanout out of the valve boxes first.

Water meter readings were taken in January, May, and September. An additional four (4) water meter readings were taken for final reads or issues, and one house had wiring repaired for the meter.

Infrastructure Replacements

There were no infrastructure replacements in 2024.

Infrastructure Needs Identified

No additional infrastructure needs were identified or budgeted for.

Locates

A total of 14 water locates were completed in 2024.

HURONVILLE SUBDIVISION, INVERLYN ESTATES AND PENETANGORE ROW (SOUTH EXTENSION) SEWAGE COLLECTION SYSTEM

Customer Complaints

There were no customer complaints received in 2024.

Maintenance Activities

There were no maintenance activities required in 2024.

Infrastructure Replacements

No infrastructure replacements were required.

Infrastructure Needs Identified

No additional infrastructure needs were identified or budgeted for.

Locates

A total of 24 sanitary sewer locates were completed in 2024.