



Huronville Water and Wastewater Quality Management System Report for the Year 2025

HURONVILLE SUBDIVISION WATER DISTRIBUTION SYSTEM

Water Quality

The Huronville Drinking Water Distribution System owned by the Township of Huron Kinloss is an extension of the Kincardine Drinking Water Distribution System which is operated by the Municipality of Kincardine under By-Law 2013-124. The Municipality of Kincardine samples and tests the water in the Huronville Subdivision as if it were part of the Municipality.

As best practice, a minimum of one sample is to be collected each month in Huronville for microbiological testing. Along with microbiological testing at least one free chlorine residual was taken each month. There was no microbiological sample taken in June 2025 however a chlorine residual was taken on June 2 during spring hydrant flushing. There were no incidents of adverse water quality due to low chlorine residuals. The minimum residual recorded was 0.26mg/L on January 6. The average residual from samples collected in 2025 was 0.76 mg/L.

A Distribution sample was collected in August and tested for pH, Alkalinity. No sample was taken during the winter round of testing in the Huronville Subdivision in 2025. Lead testing is on a reduced sampling schedule and was not required to be tested in 2025. Below are the pH and Alkalinity sampling results.

Date	Location	pH	Alkalinity (mg/L)	Lead (ug/L)
August 11, 2025	Hydrant HK-03	7.00	76	--

The following table shows the range of Microbiological sample results and free chlorine residuals in 2025 for the Huronville Distribution System.

Parameter	Number of Samples	Range of Results	Maximum Allowable Concentration
Microbiological (Escherichia coli) (cfu/100mL)	11	0 - 0	<0 mg/L
Microbiological (Total Coliform)	11	0 - 0	<0 mg/L
Parameter	Number of Samples	Range of Results	Operational Objectives
Microbiological (HPC)	11	0 - 2	<500 mg/L
Free Chlorine Residual (mg/L)	21	0.26 – 1.30	Min. 0.05mg/L Max 4.0 mg/L

Ministry of the Environment, Conservation and Parks

The Ministry conducted an on-site inspection on July 24, 2025. The Huronville MECP Inspection report did not note any non-compliance items or Best Practices.

Customer Complaints

There was one customer complaint for yellow water responded to by staff in 2025.

Maintenance Activities

Staff performed directional flushing of the watermains using the hydrants on the system between May and July 2025. All hydrants were checked and flagged for the winter in November 2025.

One hydrant had a gasket replaced.

Six watermain valves were operated as part of the valve exercising program.

Water meter readings were taken in January, May, and September. An additional five (5) water meter readings were taken for final readings or issues.

A water meter replacement program was undertaken in 2025 and 81 out of the 92 meters were replaced with new Sensus meters and touchpad boxes added for radio read capability. The remainder of the meters should be changed out in 2026.

A new water sample point was installed at 36 Anne Marie Crescent for collecting monthly microbiological samples and chlorine residuals.

Infrastructure Replacements

There were no underground infrastructure replacements in 2025.

Infrastructure Needs Identified

No additional infrastructure needs were identified or budgeted for.

Locates

A total of 18 water and wastewater locates were completed in 2025.

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

The Huronville Subdivision, Inverlyn Estates and Penetangore Row South Extension sewage collection system is part of the Kincardine Wastewater collection system which is operated by the Municipality of Kincardine under By-law 2007-158.

Customer Complaints

There were no customer complaints received in 2025.

Maintenance Activities

One sanitary lateral was inspected with CCTV following a sewage backup in the customer's home. It was determined that roots were the issue on the homeowner side.

Infrastructure Replacements

No infrastructure replacements were required in 2025.

Infrastructure Needs Identified

No additional infrastructure needs were identified or budgeted for.