



**Ontario Clean Water Agency**  
**Agence Ontarienne Des Eaux**

February 27, 2026

John Yungblut  
Director of Public Works  
Township of Huron-Kinloss  
21 Queen Street  
Ripley, ON, N0G 2R0

Re: Requirement under the Safe Drinking Water Act for a Summary Report

Dear Mr. Yungblut;

Attached is the 2025 Summary Report for the Ripley Drinking Water System for January 1<sup>st</sup> to December 31<sup>st</sup>, 2025. This report has been completed in accordance with Section 11 and Schedule 22 of O. Reg. 170/03, under the Safe Drinking Water Act.

This Summary Report is to be provided to the members of council by March 31<sup>st</sup>, 2026.

Section 12 of O. Reg. 170/03, requires the Annual Report required under Section 11 of O. Reg. 170/03 to be made available for inspection by any member of the public during normal business hours, without charge. The reports should be made available for inspection at the office of the Township, or at a location that is reasonably convenient to the users of the water system.

Please feel free to contact me should you require any additional information regarding these reports. I can be reached at 519-441-0441.

Sincerely,

Katelyn Barrowcliffe  
Process and Compliance Technician  
Midwest Region  
Ontario Clean Water Agency

cc. Geoff Aitken, Township of Huron-Kinloss, Manager of Environment Services  
Sam Smith, OCWA Regional Hub Manager  
Paul Sherban, OCWA Senior Operations Manager  
Maegan Garber, OCWA Safety, Process and Compliance Manager

# Ripley Drinking Water System

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Waterworks # 220002636  
System Category – Large Municipal Residential

## Annual Drinking Water Report

Prepared For: The Township of Huron-Kinloss

Reporting Period of January 1 – December 31, 2025

Issued: February 23, 2026

Revision: 0

Operating Authority:



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## Overview

This report fulfills requirements of Ontario Regulation 170/03 Section 11 and Schedule 22. The report must be made available to anyone that requests a copy of the report. By March 31, 2026 the report must be provided to members of municipal council.

## Report Availability

This system does not serve more than 10 000 residences. The annual reports will be available to residents at the Township Office as well as on the Township's website. Notification will be at the Township Office and copies provided free of charge if requested. The Township Office is located at 21 Queen Street, Ripley, Ontario, N0G 2R0.

## System Process Description

The Ripley Drinking Water System serves the community of Ripley located in the Township of Huron-Kinloss. The population serviced by the system is approximately 915.

The Ripley DWS consists of three (3) drilled bedrock wells. Well 2 is located at the Ripley Pumphouse, 71 Huron St, Ripley, Ontario and is constructed with a 200mm inner diameter steel casing. Well 2 is approximately 85.3m deep, and is equipped with a well pump rated at 19.0 L/s at 35m TDH. The Ripley Elevated Tank houses Well 3 and 4 which are located at 21 Queen St, Ripley, Ontario. Well 3 has a 259mm inner diameter steel casing and is approximately 90m deep. Well 4 has a 209mm diameter steel casing and is also 90m deep. Both wells are equipped with well pumps rated at 23.3 L/s at 67m TDH.

The 4.5 km distribution system consists primarily of the original cast iron piping, with some sections of ductile iron and newer PVC piping. Most of the distribution mains are 150 mm in diameter, with a small section of 100 mm piping. The Ripley distribution system includes 35 fire hydrants and 3 blow-offs.

The Ripley DWS operations are monitored and controlled through a Supervisory Control and Data Acquisition (SCADA) system, which communicates with the main controller, autodialer, and server at the Ripley facility. As an added redundancy, each site is equipped with an independent autodialer to ensure alarms are communicated in the event of SCADA or communications failure. The SCADA system provides operators with real-time monitoring of supply and treatment equipment and allows remote operational control throughout the water system.

### Ripley Pumphouse - 74 Huron Street

To achieve primary and secondary disinfection requirements, the pumphouse is equipped with two sodium hypochlorite pumps, one duty and one standby. Chlorine contact time is provided through a 55 m long, 582 mm diameter chlorine contact watermain with a total volume of 14.6 m<sup>3</sup>. The facility also includes a 53 m<sup>3</sup> treated water reservoir, however, this volume is not considered in the chlorine contact time calculation.

Additional on-site equipment includes two high-lift pumps, one duty and one standby, each rated at 16.2 L/s at 41 m TDH with variable frequency drive (VFD) controls. The site is also equipped with a raw flow meter, a polyethylene sodium hypochlorite solution tank with secondary containment and a

treated water chlorine analyzer. Backup power is supplied by a 210 kW standby diesel generator paired with a 1,893 L fuel tank located at the Ripley Firehall, adjacent to the Ripley Pumphouse.

### **Ripley Elevated Tank - 93C Huron Street**

To meet primary and secondary disinfection requirements, the Elevated Tank is equipped with two sodium hypochlorite pumps, with one pump dedicated to each well. Chlorine contact time is achieved through an 85 m long, 600 mm diameter chlorine contact watermain. The 42 m (138 ft) high Elevated Tank provides a total usable storage volume of 1,465 m<sup>3</sup> for the Village of Ripley. The Elevated Tank was installed in 2019.

Additional on-site equipment includes two (2) raw flow meters, one for each well, and two (2) chlorine analyzers, one for pre-contact monitoring (non-regulated) and one for treated water monitoring (regulated). Emergency power is supplied by a 200 kW diesel generator located behind the Ripley-Huron Community Centre, adjacent to the Elevated Tank site. The generator includes a 1,423 L fuel storage tank and provides backup power to both the Community Centre and the Elevated Tank Water Supply.

### **Treatment Chemicals**

Sodium Hypochlorite 12% is used to achieve primary and secondary disinfection in the Ripley Drinking Water System. Chemical volumes for sodium hypochlorite are routinely monitored in the Ripley Drinking Water System. During the reporting period, approximately 340 L of sodium hypochlorite was used per month in the system. Refer to Table 1 below for supplier information.

*Table 1: Treatment Chemicals in the Ripley Drinking Water System*

Chemical Name	Use	Supplier
Sodium Hypochlorite 12%	Primary Treatment	Jutzi Water Technologies

## **Summary of Non-Compliance**

### **Adverse Water Quality Incidents**

Under the Safe Drinking Water Act, O. Reg 170/03, any adverse water quality incidents (AWQI) are required to be reported to the Ministry of the Environment, Conservation and Parks (MECP) and corrective action taken. Refer to Table 2 below for a summary of AWQI incidents in 2025.

**Table 2: Adverse Water Quality Incidents**

Date	AWQI #	Location	Problem	Details	Legislation	Corrective Action Taken
February 18, 2025	167405	Distribution System	A watermain break occurred and certified operators were unable to attend the site due to road closures in the area caused by severe weather. Because no Operator-in-Charge (OIC) was present during the repair, the event remained classified as a Category 2.	Notices were delivered to the four affected residences in the area of the service interruption and a precautionary boil water advisory.	Watermain Break Disinfection Procedure Section 2.1	On February 19, 2025, operators performed a 10-minute flush of the repaired section of the watermain. Bacteriological samples were collected at the flushing point, and the results were confirmed satisfactory on February 21, 2025. The boil water advisory was lifted once the results were received.

### Non-Compliance

Under the Safe Drinking Water Act, O. Reg 170/03, any events where legislative requirements were not met are required to be reported to the MECP and corrective actions taken. Refer to Table 3 below for a summary of non-compliance incidents in 2025.

**Table 3: Summary of Non-Compliance Incidents**

Legislation	Requirement(s) system failed	Duration of the failure (ie. Dates(s))	Corrective Action
O.Reg 170/03 s. 6-5 (1) 3	Continuous monitoring test results must be examined within 72 hours after tests are conducted. Results were not monitored in this time frame due to the Statutory Holiday and the certified operator not reviewing the test results during their holiday coverage.	October 10, 2025, 13:53 – October 14, 2025, 07:40	A discussion was held with Operators about the importance and requirement of the 72-hour trending review and to obtain back up from another operator if they are unable to fulfill their duties.

### Non-Compliance Identified in a Ministry Inspection

The routine MECP Inspections have an Inspection Rating Record. This record evaluates the system to provide information for the owner/operator on areas that need to be improved. The particular areas that were evaluated for the Ripley Drinking Water System were: Capacity Assessment, Certification and Training, Logbooks, Operations Manuals, Reporting and Corrective Actions, Source, Treatment Processes, and Water Quality Monitoring. The Ripley Drinking Water System inspection was conducted on November 27<sup>th</sup>, 2025 by Robert Graham of the Ministry of the Environment, Conservation and Parks (MECP). The inspection review period was August 16, 2024 to November 27, 2025. An inspection rating of 97.66% was received. Refer to Table 4 below for non-compliances identified in the report.

**Table 4: Non-Compliances Identified in a Ministry Inspection**

Item #	Issue Identified in Report/Order	Required Action Identified in Report	Comply by Date as per the Report	Status
NC-1	Operators were not examining continuous monitoring test results or they did not examine the results within 72 hours of the test.	On October 14, 2025 the MECP received OCWA notification of non-compliance with O.Reg 170/03, Schedule 6-5. (1) 3 for the Ripley DWS, whereby operators did not undertake examination of the continuous monitoring test results recorded within 72 hours after the tests were conducted. No further action required.	N/A	N/A

## Flows

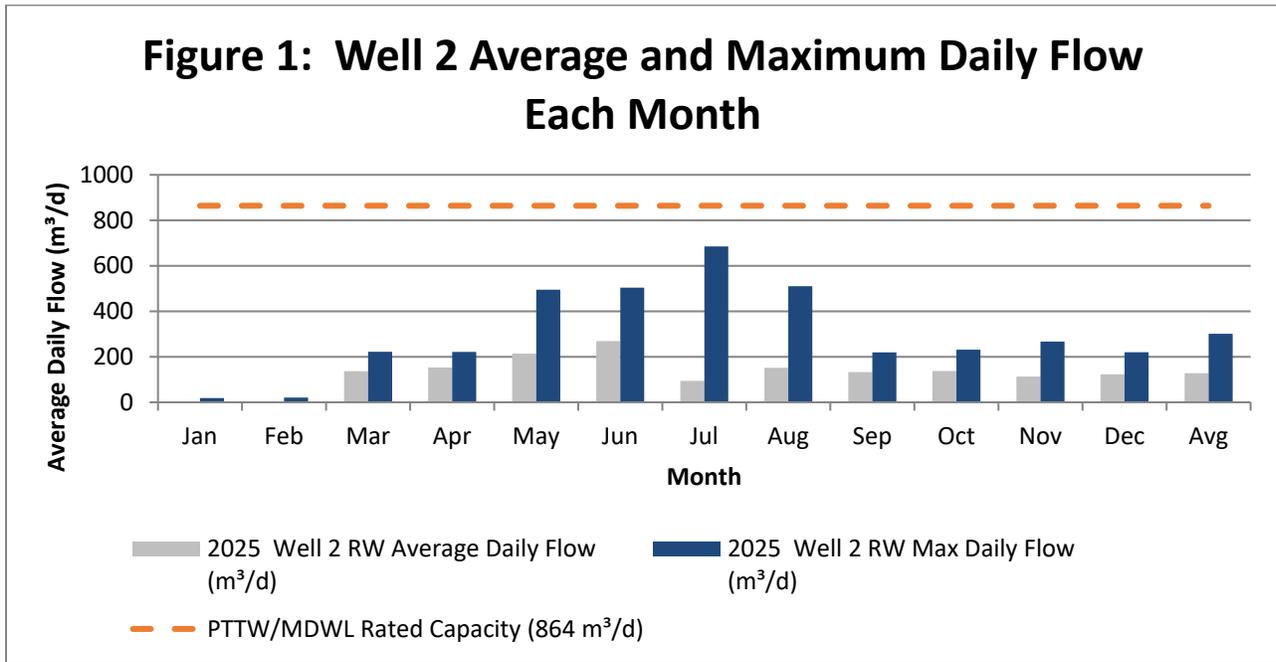
The raw and treated water flows are regulated under the Permit to Take Water (PTTW # 4634-ANZKYM) and Municipal Drinking Water Licence (MDWL #087-104). The 2025 daily raw flows were submitted to the Ministry electronically under the PTTW number. A copy of the data that was submitted is attached in Appendix A.

### Ripley Pumphouse

The total volume of treated water produced in 2025 was 46,942.72 m<sup>3</sup>, compared to 25,062.62 m<sup>3</sup> reported by the previous operating authority in 2024. The higher flows in 2025 are a result of OCWA’s operational decision to maintain the Ripley Pumphouse in rotation with the Elevated Tank to ensure continuous cycling and the maintenance of fresh water within the reservoir. The Ripley Pumphouse pumps water from the onsite well where the flow is measured using the raw water totalizer. This measurement represents the raw water volume for the Permit to Take Water (PTTW) and the treated water for the rated capacity for the Municipal Drinking Water Licence (MDWL). The PTTW and MDWL identify a limit of 864 m<sup>3</sup>/d.

In 2025, the average daily flow for Well 2 was 127.64 m<sup>3</sup>, which is considerably higher than the 5.52 m<sup>3</sup> recorded in 2024. The maximum daily flow for Well 2 in 2025 was 685.12 m<sup>3</sup>, compared to 30.28 m<sup>3</sup> reported in 2024. The system operated at 14.77% of its rated capacity. Figure 1 below details the average daily flow and maximum daily flow from Well 2 during the reporting period.

Figure 1: Well 2 Average and Maximum Daily Flow



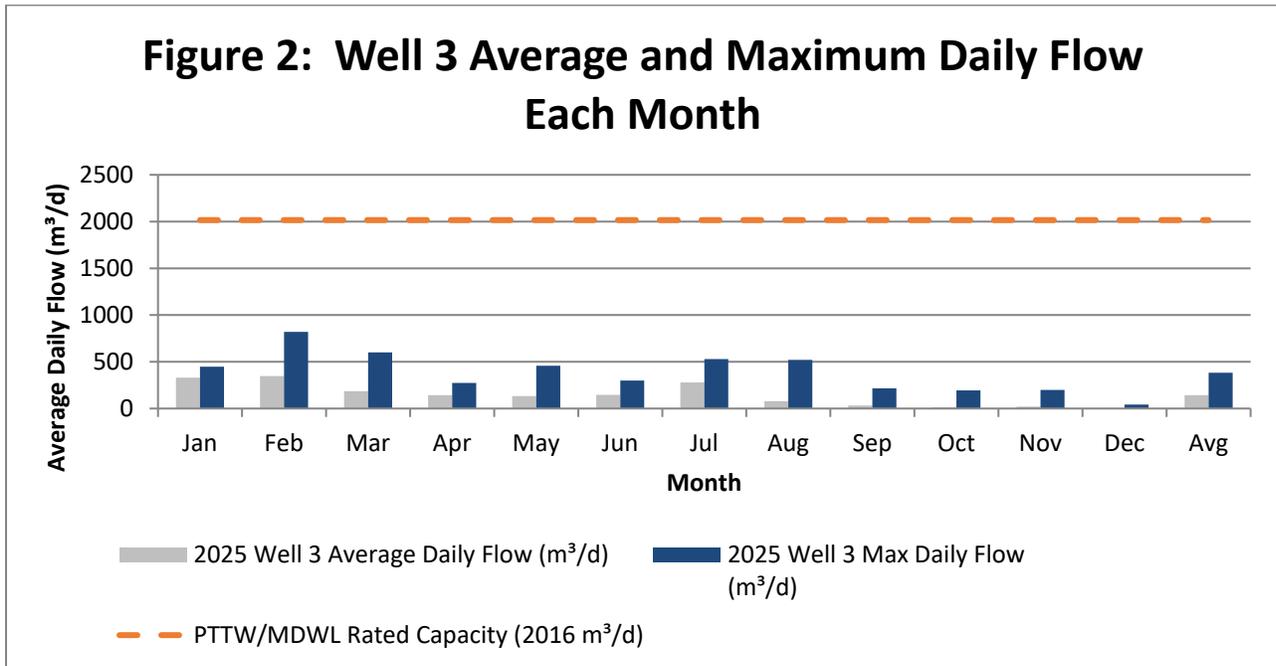
### Ripley Elevated Tank

The volume of treated water produced in 2025 for Well 3 was 51,649.60m<sup>3</sup> compared to 43,729.2m<sup>3</sup> reported by the previous operating authority in 2024. The volume of treated water produced in 2025 for Well 4 was 17,831.58m<sup>3</sup> compared to 50,222.65m<sup>3</sup> reported by the previous operating authority in 2024.

The Ripley Elevated Tank pumps water from the onsite wells. The flow from each well is measured using a raw water totalizer dedicated to each well located inside the Elevated Tank. These measurements represent the raw water volume for the Permit to Take Water (PTTW) and the treated water for the rated capacity for the Municipal Drinking Water Licence (MDWL). The PTTW and MDWL limit the flow to 2016 m<sup>3</sup>/d for Well 3 and 1386 m<sup>3</sup>/d for Well 4.

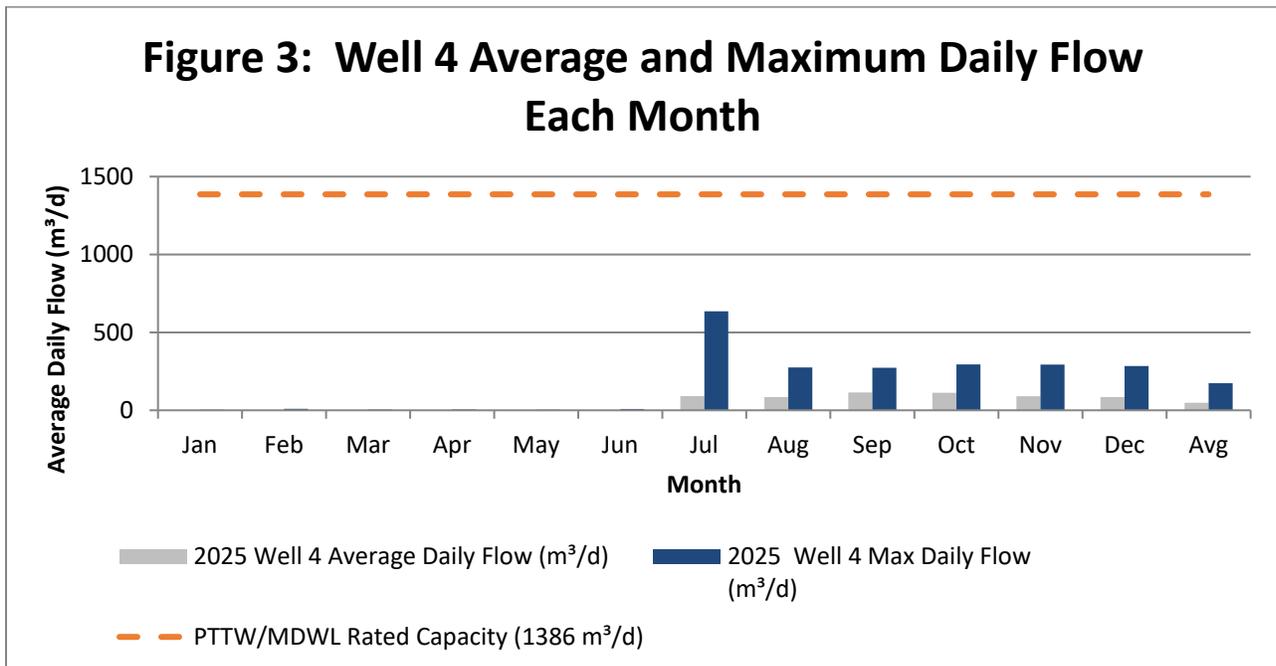
In 2025, the average daily flow for Well 3 was 127.67 m<sup>3</sup>, compared to 90.84 m<sup>3</sup> reported by the previous operating authority in 2024. The maximum daily flow for Well 3 in 2025 was 820.42 m<sup>3</sup>, compared to 614.70 m<sup>3</sup> reported in 2024. The system operated at 7.1% of its rated capacity in 2025. Figure 2 below details the average daily flow and maximum daily flow for Well 3 during the reporting period.

Figure 2: Well 3 Average and Maximum Daily Flow



In 2025, the average daily flow for Well 4 was 48.56 m³, compared to 11.05 m³ reported by the previous operating authority in 2024. The maximum daily flow for Well 4 in 2025 was 635.75 m³, compared to 664.70 m³ reported in 2024. The system operated at 3.5% of its rated capacity in 2025. Figure 3 below details the average daily flow and maximum daily flow for Well 4 during the reporting period.

Figure 3: Well 4 Average and Maximum Daily Flow



Based on the 2021 Census, the total per capita water use, which includes residential, industrial, commercial and other uses of water provided by public utilities averaged 0.401 m<sup>3</sup> per day which equates to approximately 133 923.9 m<sup>3</sup> per year. This indicates that the system’s total treated water volume remains below the estimated per capita water use and is consistent with reasonable usage for the population served.

## Regulatory Sample Results Summary

### Microbiological Testing

To meet regulatory requirements, raw water (RW) is sampled weekly and tested for E.coli and Total Coliforms. There are no regulatory limits for raw water samples; however, concentrations for Total Coliform and E. coli are expected to be zero for the groundwater source. Treated water (TW) and distribution water (DW) are sampled weekly to test for E. coli, Total Coliforms and heterotrophic plate count (HPC). The regulatory limit for Total Coliform and E. coli is zero, heterotrophic plate count (HPC) doesn’t have a limit. Refer to Table 5 below for a summary of testing results.

*Table 5: Microbiological Testing Summary*

	No. of Samples Collected	Range of E.Coli Results (cfu/100mL)		Range of Total Coliform Results		No. of HPC Samples Collected	Range of HPC Results (cfu/mL)	
		Min	Max	Min	Max		Min	Max
Raw Water – Well 2	53	0.00	0.00	0.00	0.00	N/A	N/A	N/A
Raw Water – Well 3	52	0.00	2.00	0.00	17.00	N/A	N/A	N/A
Raw Water – Well 4	52	0.00	6.00	0.00	35.00	N/A	N/A	N/A
TW – Pumphouse	52	0.00	0.00	0.00	0.00	52	10.00	10.00
TW – Elevated Tank	52	0.00	0.00	0.00	0.00	52	10.00	1270
Distribution Water	107	0.00	0.00	0.00	0.00	106	10.00	20.00

### Operational Testing

As per the Safe Drinking Water Act, O. Reg 170/03, raw water turbidity is required to be monitored monthly with an objective of less than 1 NTU. Free chlorine residuals are required to be continuously monitored with an online chlorine analyzer. Free chlorine residuals are also monitored throughout the distribution system to ensure adequate secondary disinfection is provided. The regulatory requirement for free chlorine residual is a minimum of 0.05 mg/L with an objective of 0.20 mg/L throughout the distribution system. Refer to Table 6 for turbidity and free chlorine residual results.

**Table 6: Turbidity and Free Chlorine Residual Monitoring**

Parameter	No. of Samples Collected	Range of Results	
		Minimum	Maximum
Turbidity, grab (NTU) – RW Well 2	13	0.17	0.60
Turbidity, grab (NTU) – RW Well 3	13	0.25	0.64
Turbidity, grab (NTU) – RW Well 4	13	0.23	0.65
Free Chlorine Residual, On-Line (mg/L) – Pumphouse TW	8760	0.46	2.09
Free Chlorine Residual, On-Line (mg/L) – Elevated Tank TW	8760	0.71	3.25
Free Chlorine Residual, grab (mg/L) - DW	365	0.94	1.93

### Inorganic Parameters

Inorganic parameters for the system are required to be tested every 36 months as required under O. Reg. 170/03. Sodium and fluoride are sampled every 60 months. Nitrate and nitrite must be tested quarterly, as outlined in O. Reg. 170/03. If any inorganic parameter (excluding sodium and fluoride) exceeds half of the maximum allowable concentration, that parameter is then required to be sampled quarterly. All inorganic parameters, with the exception of sodium and fluoride, were last sampled on June 25, 2024. These inorganics are scheduled to be sampled again in 2027. Sodium was last tested on July 27, 2021. The sodium results for both well supplies exceeded 20 mg/L. This exceedance was reported to the Grey Bruce Health Unit and the Ministry’s Spills Action Centre (AWQI # 154964 and 154965) and is due for sampling again in 2026. Fluoride was last sampled on September 6, 2022. The fluoride results exceeded the MAC due to naturally occurring fluoride in the aquifers. These exceedances were reported to the Grey Bruce Health Unit and the Ministry’s Spills Action Centre (AWQI # 159907 and 159908) the next sampling is scheduled for 2027. Refer to Table 7 below for additional details.

**Table 7: Inorganic Parameter Testing**

Treated Water (TW) Parameter	Sample Date (yyyy/mm/dd)	Sample Results - Pumphouse	Sample Results – Elevated Tank	MAC (µg/L)	Number of Exceedances	
					MAC	½ MAC
Antimony: Sb (ug/L) - TW	2024/06/25	0.6 < MDL	0.6 <MDL	6	0	0
Arsenic: As (ug/L) - TW	2024/06/25	1.1	1.0	10	0	0
Barium: Ba (ug/L) - TW	2024/06/25	89.2	92.0	1000	0	0
Boron: B (ug/L) - TW	2024/06/25	105	102	5000	0	0
Cadmium: Cd (ug/L) - TW	2024/06/25	0.055	0.050	5	0	0
Chromium: Cr (ug/L) - TW	2024/06/25	0.14	0.12	50	0	0
Mercury: Hg (ug/L) - TW	2024/06/25	0.01 < MDL	0.01 < MDL	1	0	0
Selenium: Se (ug/L) - TW	2024/06/25	0.50	0.48	50	0	0
Uranium: U (ug/L) - TW	2024/06/25	2.78	2.60	20	0	0
<b>Additional Inorganics</b>						
Fluoride (mg/L) - TW	2022/09/06	1.99, 2.01	1.97, 2.19	1.5	4	n/a
Nitrite (mg/L) - TW	2025/02/04	0.003 <MDL	0.003 <MDL	1	0	0
Nitrite (mg/L) - TW	2025/04/14	0.003 <MDL	0.003 <MDL	1	0	0
Nitrite (mg/L) - TW	2025/07/14	0.003 <MDL	0.003 <MDL	1	0	0
Nitrite (mg/L) - TW	2025/10/20	0.003 <MDL	0.003 <MDL	1	0	0

Nitrate (mg/L) - TW	2025/02/04	0.319	0.468	10	0	0
Nitrate (mg/L) - TW	2025/04/14	0.081	1.23	10	0	0
Nitrate (mg/L) - TW	2025/07/14	0.086	0.333	10	0	0
Nitrate (mg/L) - TW	2025/10/20	0.090	0.112	10	0	0
Sodium: Na (mg/L) - TW	2021/07/27	32.1, 28.6	30.0, 28.4	20*	N/A	n/a

MAC = Maximum Allowable Concentration as per O.Reg 169/03

MDL = Below the laboratory method detection level

\*There is no "MAC" for Sodium. The aesthetic objective for sodium in drinking water is 20 mg/L. The local Medical Officer of Health should be notified mg/L when the sodium concentration exceeds 20 mg/L so that this information may be communicated to local physicians for their use with patients on sodium-restricted diets

### Summary of Lead Testing

Schedule 15.1 Sampling is required under O. Reg 170/03. This includes sampling for lead, alkalinity and pH. The Ripley Drinking Water System is under reduced sampling. As such, no residential plumbing samples are required to be collected. Monitoring the pH and alkalinity in the distribution system is essential to ensure adequate buffering for corrosion control and to minimize exposure to metals such as lead. Refer to Table 8 below.

Table 8: Schedule 15.1 Sampling Results

Distribution System	Number of Sampling Points	Number of Samples	Range of Results		MAC (ug/L)	Number of Exceedances
			Minimum	Maximum		
Alkalinity (mg/L)	2	4	213.00	218.00	n/a	n/a
pH	2	4	7.30	7.83	n/a	n/a
Lead (ug/l)	2	4	0.03	0.09	10	0

### Organic Parameters

Organic parameters for the system are tested every 36 months as a requirement under O. Reg 170/03. In the event any of the parameters exceed half of the maximum allowable concentration the parameter is required to be sampled quarterly. All organics were last sampled on June 17, 2024, organics are scheduled to be sampled again in 2027. Organic parameter test results for treated water are listed below in Table 9.

Disinfection byproducts including Trihalomethane and Haloacetic acids are tested quarterly in the distribution system. Results are listed in Table 9 below.

Table 9: Organic Parameter Testing

Treated Water (TW)	Sample Date (yyyy/mm/dd)	Sample Results – Ripley Pumphouse	Sample Result – Ripley Elevated Tank	MAC (ug/L)	Number of Exceedances	
					MAC	1/2 MAC
Antimony	2024/06/17	0.6 < MDL	0.6<MDL	6	0	0
Arsenic	2024/06/17	1.1	1.0	10	0	0
Barium	2024/06/17	89.2	92.0	1000	0	0
Boron	2024/06/17	105	102	5000	0	0
Cadmium	2024/06/17	0.055	0.050	5	0	0
Chromium	2024/06/17	0.14	0.12	50	0	0
Mercury	2024/06/17	0.01 < MDL	0.01 < MDL	1	0	0
Selenium	2024/06/17	0.50	0.48	50	0	0
Uranium	2024/06/17	2.78	2.60	20	0	0

Benzene	2024/06/17	0.32 < MDL	0.32 < MDL	1	0	0
Carbon Tetrachloride	2024/06/17	0.17 < MDL	0.17 < MDL	2	0	0
1,2-Dichlorobenzene	2024/06/17	0.41 < MDL	0.41 < MDL	200	0	0
1,4-Dichlorobenzene	2024/06/17	0.36 < MDL	0.36 < MDL	5	0	0
1,1-Dichloroethylene	2024/06/17	0.33 < MDL	0.33 < MDL	14	0	0
1,2-Dichloroethane	2024/06/17	0.35 < MDL	0.35 < MDL	5	0	0
Dichloromethane	2024/06/17	0.35 < MDL	0.35 < MDL	50	0	0
Monochlorobenzene	2024/06/17	0.3 < MDL	0.3 < MDL	80	0	0
Tetrachloroethylene	2024/06/17	0.35 < MDL	0.35 < MDL	10	0	0
Trichloroethylene	2024/06/17	0.44 < MDL	0.44 < MDL	5	0	0
Vinyl Chloride	2024/06/17	0.17 < MDL	0.17 < MDL	1	0	0

Treated Water (TW)	Sample Date (yyyy/mm/dd)	Sample Result – Ripley Pumphouse	Sample Result – Ripley Elevated Tank	MAC (ug/L)	Number of Exceedances	
					MAC	1/2 MAC
Diquat	2024/06/17	1 < MDL	1 < MDL	70	0	0
Paraquat	2024/06/17	1 < MDL	1 < MDL	10	0	0
Glyphosate	2024/06/17	1 < MDL	1 < MDL	280	0	0
Polychlorinated Biphenyls (PCBs)	2024/06/17	0.04 < MDL	0.04 < MDL	3	0	0
Benzo(a)pyrene	2024/06/17	0.004 < MDL	0.004 < MDL	0.01	0	0
Alachlor	2024/06/17	0.02 < MDL	0.02 < MDL	5	0	0
Atrazine+N-dealkylated metabolites	2024/06/17	0.01 < MDL	0.01 < MDL	5	0	0
Atrazine	2024/06/17	0.01 < MDL	0.01 < MDL	/	0	0
Desethyl Atrazine	2024/06/17	0.01 < MDL	0.01 < MDL	/	0	0
Azinphos-methyl	2024/06/17	0.05 < MDL	0.05 < MDL	20	0	0
Carbaryl	2024/06/17	0.05 < MDL	0.05 < MDL	90	0	0
Carbofuran	2024/06/17	0.01 < MDL	0.01 < MDL	90	0	0
Chlorpyrifos	2024/06/17	0.02 < MDL	0.02 < MDL	90	0	0
Diazinon	2024/06/17	0.02 < MDL	0.02 < MDL	20	0	0
Dimethoate	2024/06/17	0.06 < MDL	0.06 < MDL	20	0	0
Diuron	2024/06/17	0.03 < MDL	0.03 < MDL	150	0	0
Malathion	2024/06/17	0.02 < MDL	0.02 < MDL	190	0	0
Metolachlor	2024/06/17	0.01 < MDL	0.01 < MDL	50	0	0
Metribuzin	2024/06/17	0.02 < MDL	0.02 < MDL	80	0	0
Phorate	2024/06/17	0.01 < MDL	0.01 < MDL	2	0	0
Prometryne	2024/06/17	0.03 < MDL	0.03 < MDL	1	0	0
Simazine	2024/06/17	0.01 < MDL	0.01 < MDL	10	0	0
Terbufos	2024/06/17	0.01 < MDL	0.01 < MDL	1	0	0
Triallate	2024/06/17	0.01 < MDL	0.01 < MDL	230	0	0
Trifluralin	2024/06/17	0.02 < MDL	0.02 < MDL	45	0	0
2,4-Dichlorophenoxyacetic acid	2024/06/17	0.19 < MDL	0.19 < MDL	100	0	0
Bromoxynil	2024/06/17	0.33 < MDL	0.33 < MDL	5	0	0
Dicamba	2024/06/17	0.20 < MDL	0.20 < MDL	120	0	0

Diclofop-methyl	2024/06/17	0.40 < MDL	0.40 < MDL	9	0	0
MCPA	2024/06/17	0.00012 < MDL	0.00012 < MDL	0.1	0	0
Picloram	2024/06/17	1 < MDL	1 < MDL	190	0	0
2,4-Dichlorophenol	2024/06/17	0.15 < MDL	0.15 < MDL	900	0	0
2,4,6-Trichlorophenol	2024/06/17	0.25 < MDL	0.25 < MDL	5	0	0
2,3,4,6-Tetrachlorophenol	2024/06/17	0.20 < MDL	0.20 < MDL	100	0	0
Pentachlorophenol	2024/06/17	0.15 < MDL	0.15 < MDL	60	0	0
<b>Distribution Water</b>						
Trihalomethane: Total (ug/L) Annual	2025	8.75		100.0	0	0
Haloacetic Acid: Total (ug/L) Annual	2025	5.3		80.0	0	0

MAC = Maximum Allowable Concentration as per O. Reg 169/03 MDL = Below the laboratory method detection level

### Additional Legislated Samples

There are no additional sampling requirements for the Ripley Drinking Water System.

### Major Maintenance and Capital Summary

The Ripley Drinking Water System completed repairs and replacements as listed below in Table 10. These represent the major expenses incurred in 2025.

Table 10: Major Maintenance

Item	Description
1	Water main break was in front of James St.
2	Water main break Jessie St
3	Annual third-party analyzer, flow meter and level transmitter calibrations completed
4	Ripley Pumphouse – Well 2 downhole inspection and cleaning
5	Leak on well 2 discharge line repaired
6	Tower discharge pressure transmitter fault repaired by third party and Eramosa
7	Batteries in SCADA modem in the Municipal office replaced after numerous communication issues
8	New service installed and inspected at Lot 81 on Huron st
9	Leaking 2" line at the end of Park st repaired

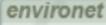
### Revision History

Date	Revision #	Revision Notes
2026-02-23	0	Issued Report

## **Appendix A**

### **PTTW Reporting**

## WTRS Regulatory Reporting Confirmation



Ministry of the Environment,  
Conservation and Parks

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**Water Taking Data submitted successfully.**

**Confirmation:**

Thank you for submitting your water taking data online.

Permit Number: 4634-ANZKYM  
Permit Holder: THE CORPORATION OF THE TOWNSHIP OF HURON-KINLOSS.  
Received on: Feb 17, 2026 8:56 AM

This confirmation indicates that your data has been received by the Ministry, but should not be construed as acceptance of this data if it differs from that specified on the Permit Number, assigned to the Permit Holder stated above.

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version: v5.0.0.01 (build#: 28)  
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