Ministry of the Environment, Conservation and Parks

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September 20th, 2021 by Email

Luc Léonard
Director of Public Works and Engineering Services
The Corporation of the Town of Hearst
925 Alexandra St.
Hearst, ON P0L 1N0

Re: 2021 Inspection Report for the Hearst Drinking Water System
DWS No. 220002592
Inspection Report No. 1-48486829

On July 20th, 2021, I conducted the annual inspection of the Hearst Drinking Water System with Water Inspector Janet Recoskie. The inspection included a physical assessment of the water treatment plant, operator interview with Mr. Serge Audet and Ms. April Swanson, and document review for the period of July 8th, 2020 to June 30th, 2021. The resulting inspection report is attached.

Two sections of the report, namely, *"Actions Required"* and *"Recommended Actions"* are intended to identify aspects of the drinking water system's operation with the potential for improvement.

"Actions Required" are linked to incidents of non-compliance with regulatory requirements contained within an Act, a Regulation or site-specific approvals, licenses, permits, orders, or instructions. Such violations could result in the issuance of mandatory abatement instruments including Orders, tickets, penalties, or referrals to the Ministry's Investigations and Enforcement Branch.

"Recommended Actions" convey information that the owner and operation authority should consider implementing in order to advance efforts already in place to address such issues as emergency preparedness, the fulsome availability of information to consumers and conformance with existing and emerging industrial standards. Please note items which appear as recommended actions do not, in themselves, constitute violations.

Section 19 of the Safe Drinking Water Act (Standard of Care) creates a number of obligations for individuals who exercise decision-making authority over municipal drinking water systems. Please be aware that the Ministry has encouraged such individuals, particularly municipal councillors, to take steps to be better informed about the drinking water systems over which they have decision-making authority. These steps could include asking for a copy of this inspection report and a review of its findings. Further information about Section 19 can be found in *"Taking Care of Your Drinking Water: A guide for members of municipal council"* found under "Resources" on the Drinking Water Ontario website at www.ontario.ca/drinkingwater.

In accordance with the Ministry's Drinking Water Inspection Protocol, electronic copies of this report have been sent to the Porcupine Health Unit and the Hearst District Office of the Ministry of Natural Resources and Forestry.

Please note that due to a change in IT systems, the **Inspection Rating Report (IRR) cannot be generated at the same time as the inspection report.** The IRR will be sent separately and prior to any public release (typically within 1-2 months of the completion of the inspection).

If you have any questions or comments about this inspection, please contact me at (705) 262-0540 or by email at connie.croisier@ontario.ca.

Regards,

Connie Croisier
Water Inspector
Timmins District Office, Northern Region
Drinking Water and Environmental Compliance Division
Ministry of the Environment, Conservation and Parks

cc:

Mr. Claude Rancourt, Senior Operations Manager – Ontario Clean Water Agency
Mr. Serge Audet, Overall Responsible Operator – Ontario Clean Water Agency
Ms. April Swanson, Process and Compliance Technician – Ontario Clean Water Agency
Ms. Sherry Ilersich, Water Compliance Supervisor – Timmins District – Ministry of the Environment, Conservation and Parks
Ms. Suzanne Lajoie, Manager of Environmental Health – Porcupine Health Unit
Ms. Kaitlin McCaw, Program Coordinator Environmental Health – Porcupine Health Unit
Mr. Wesley Woods, District Manager – Hearst District - Ministry of Natural Resources and Forestry

HEARST DRINKING WATER SYSTEM
1215 EDWARD ST, HEARST, ON, P0L 1N0

Inspection Report

System Number:	220002592
Inspection Start Date:	07/20/2021
Inspection End Date:	09/20/2021
Inspected By:	Connie Croisier
Badge #:	
Inspected By:	Janet Recoskie
Badge #:	1372

(signature)

NON-COMPLIANCE/NON-CONFORMANCE ITEMS

This should not be construed as a confirmation of full compliance with all potential applicable legal requirement and BMPs. These inspection findings are limited to the components and/or activities that were assessed, and the legislative framework(s) that were applied. It remains the responsibility of the owner to ensure compliance with all applicable legislative and regulatory requirements.

If you have any questions related to this inspection, please contact the undersigned Provincial Officer.

INSPECTION DETAILS

This section includes all questions that were assessed during the inspection.

Ministry Program: Regulated Activity: DRINKING WATER : DW Municipal Residential

Question ID	MRDW1001000	
Question	**Question Type**	**Legislative Requirement**
What was the scope of this inspection?	Information	Not Applicable

Observation

The primary focus of this inspection is to confirm compliance with Ministry of the Environment, Conservation and Parks (MECP) legislation as well as evaluating conformance with ministry drinking water policies and guidelines during the inspection period. The ministry utilizes a comprehensive, multi-barrier approach in the inspection of water systems that focuses on the source, treatment, and distribution components as well as management practices.

This drinking water system is subject to the legislative requirements of the Safe Drinking Water Act, 2002 (SDWA) and regulations made therein, including Ontario Regulation 170/03, "Drinking Water Systems" (O.Reg. 170/03). This inspection has been conducted pursuant to Section 81 of the SDWA.

This inspection report does not suggest that all applicable legislation and regulations were evaluated. It remains the responsibility of the owner to ensure compliance with all applicable legislative and regulatory requirements.

On July 20th, 2021, Ministry of Environment, Conservation and Parks Water Inspectors Connie Croisier and Janet Recoskie conducted an unannounced focused inspection of the Hearst Drinking Water System (DWS). The water treatment plant (WTP) tour and interview were conducted with assistance from Overall Responsible Operator Mr. Serge Audet and Process Compliance Technician Ms. April Swanson. Supporting documentation and information were provided by Ms. Swanson at the time of the site visit and following the inspection.

The inspection included an assessment of the source water intake, treatment operations in the WTP, and a document review for the period of July 8, 2020 to June 30, 2021; referred to in this report as the inspection period.

The Corporation of the Town of Hearst is the owner of the DWS and the Ontario Clean Water Agency (OCWA) is the accredited operating authority for the Hearst WTP and Distribution System.

Question ID	MRDW1000000	
Question	**Question Type**	**Legislative Requirement**
Does this drinking water system provide primary	Information	Not Applicable

disinfection?		
Observation		
This Drinking Water System provides for both primary and secondary disinfection and distribution of water.		

Question ID	MRDW1012000	
Question	**Question Type**	**Legislative Requirement**
Does the owner have a harmful algal bloom monitoring plan in place that meets the requirements of the MDWL?	Legislative	SDWA | 31 | (1)
Observation		
The owner had a harmful algal bloom monitoring plan in place. Condition 6.0 of Schedule C of the MDWL (Licence No. 211-101; Issue No. 3; issued February 15th, 2021) requires the owner to implement a Harmful Algal Bloom monitoring, reporting and sampling plan on or before August 15th, 2021. The Standard Operating Procedure for Hearst DWS was issued May 25th, 2020 and describes the visual monitoring, sampling, and reporting processes for HABs that meet the requirements of the Licence.		

Question ID	MRDW1014000	
Question	**Question Type**	**Legislative Requirement**
Is there sufficient monitoring of flow as required by the MDWL or DWWP issued under Part V of the SDWA?	Legislative	SDWA | 31 | (1)
Observation		
There was sufficient monitoring of flow as required by the Municipal Drinking Water Licence or Drinking Water Works Permit issued under Part V of the SDWA. Condition 2.1 of Schedule C of the MDWL requires that continuous flow measurement and recording shall be undertaken for: • The flow rate and daily volume of treated water that flows from the treatment subsystem to the distribution system. • The flow rate and daily volume of water that flows into the treatment subsystem. The Hearst DWS contains a raw water flow meter installed on the low lift pump station gravity discharge header and a treated water venturi flow meter located in the WTP on the common high lift pump discharge header. The filter effluent and backwash lines for both treatment trains are also equipped with flow meters. Raw and treated flow are continuously monitored and recorded using the Supervisory Control and Data Acquisition (SCADA) system.		

Question ID	MRDW1016000

Question	Question Type	Legislative Requirement
Is the owner in compliance with the conditions associated with maximum flow rate or the rated capacity conditions in the MDWL issued under Part V of the SDWA?	Legislative	SDWA | 31 | (1)

Observation

The owner was in compliance with the conditions associated with maximum flow rate or the rated capacity conditions in the Municipal Drinking Water Licence issued under Part V of the SDWA.

Condition 1.1 of Schedule C of the MDWL states the maximum daily volume of treated water that flows from the treatment subsystem to the distribution system shall not exceed 10,280 m3/day.

The maximum daily volume of water supplied to the distribution system during the inspection period was 1,839 m3 in June 2021. The average daily volume of water supplied to the distribution system during the inspection period was 1,397.22 m3/day which equates to 13.6% of the rated capacity.

Question ID	MRDW1030000

Question	Question Type	Legislative Requirement
Is primary disinfection chlorine monitoring being conducted at a location approved by MDWL and/or DWWP issued under Part V of the SDWA, or at/near a location where the intended CT has just been achieved?	Legislative	SDWA | O. Reg. 170/03 | 7-2 | (1), SDWA | O. Reg. 170/03 | 7-2 | (2)

Observation

Primary disinfection chlorine monitoring was conducted at a location approved by Municipal Drinking Water Licence and/or Drinking Water Works Permit issued under Part V of the SDWA, or at/near a location where the intended CT has just been achieved.

Subsection 7-2(1) of Schedule 7 of O. Reg 170/03 requires the owner of a drinking water system that provides chlorination for primary disinfection to sample and test for free chlorine residual using continuous monitoring equipment in the treatment process at or near a location where the intended contact time has just been completed in accordance with the Ministry's "Procedure for Disinfection of Drinking Water in Ontario".

Primary disinfection chlorine monitoring is conducted downstream of the reservoir where CT has been achieved by a continuous free chlorine analyzer. There are also two additional analyzers to monitor in-process residuals for total chlorine; one located after the clearwell prior to water entering the reservoir and one located after chloramination occurs.

Question ID	MRDW1032000

Question	Question Type	Legislative Requirement
If the drinking water system obtains water from a surface water source and provides filtration, is continuous	Legislative	SDWA | O. Reg. 170/03 | 7-3 | (2)

monitoring of each filter effluent line being performed for turbidity?		

Observation

Continuous monitoring of each filter effluent line was being performed for turbidity.

Subsection 7-3(2) of Schedule 7 of O.Reg 170/03 requires the owner of a drinking water system that obtains water from a raw water supply that is surface water and the system provides filtration to sample and test for turbidity using continuous monitoring equipment on each filter effluent line.

Turbidity is continuously monitored by HACH turbidimeters located on the effluent lines of both filters. There were no instances of gaps in data that did not correlate to times when the plant was not treating water or for maintenance of the analyzers.

Question ID	MRDW1033000	
Question	**Question Type**	**Legislative Requirement**
Is the secondary disinfectant residual measured as required for the large municipal residential distribution system?	Legislative	SDWA | O. Reg. 170/03 | 7-2 | (3), SDWA | O. Reg. 170/03 | 7-2 | (4)

Observation

The secondary disinfectant residual was measured as required for the distribution system.

Subsection 7-2(3) of Schedule 7 of O. Reg. 170/03 requires the owner and operating authority of a drinking water system that provides secondary disinfection to ensure at least seven distribution samples are taken each week and tested immediately for free chlorine residual and combined chlorine residual if the system provides chloramination.
Secondary chlorine testing must also be conducted in accordance with Subsection 7-2(4) of Schedule 7 of O. Reg. 170/03 such that:

1. At least four of the samples must be taken on one day of the week, at least 48 hours after the last sample was taken in the previous week.

2. At least three of the samples must be taken on a second day of the week, at least 48 hours after the last sample was taken on the day referred to in paragraph 1.

3. When more than one sample is taken on the same day of the week under paragraph 1 or 2, each sample must be taken from a different location.

A review of monthly distribution system combined chlorine test data for the inspection period confirms that operators conducted the required secondary chlorine testing in accordance with the legislation. Four samples were taken at different locations on one day of the week and three samples were taken on a second day at least 48 hours after the last sample date in the same week; normally on Tuesdays and Fridays.

Question ID	MRDW1037000		
Question		**Question Type**	**Legislative Requirement**
Are all continuous monitoring equipment utilized for sampling and testing required by O. Reg.170/03, or MDWL or DWWP or order, equipped with alarms or shut-off mechanisms that satisfy the standards described in Schedule 6?		Legislative	SDWA | O. Reg. 170/03 | 6-5 | (1) 1-4,SDWA | O. Reg. 170/03 | 6-5 | (1)5-10,SDWA | O. Reg. 170/03 | 6-5 | (1.1)
Observation			
All continuous monitoring equipment utilized for sampling and testing required by O. Reg.170/03, or Municipal Drinking Water Licence or Drinking Water Works Permit or order, were equipped with alarms or shut-off mechanisms that satisfy the standards described in Schedule 6. The alarm points for the continuous monitoring equipment required by O. Reg. 170/03 are as follows: • The free chlorine residual analyzer monitoring primary disinfection at the Hearst WTP has an alarm set point of 0.63 mg/L which complies with the Minimum Alarm Standard set out in Section 6-5 of Schedule 6 of O. Reg. 170. An alarm will sound at the WTP and call the on-call operator. • Each filter effluent line turbidimeter generates an alarm when turbidity reaches 0.7 NTU. These turbidimeters also have a high alarm set at 1.0 NTU which triggers the plant to lockout and call the on-call operator.			

Question ID	MRDW1038000		
Question		**Question Type**	**Legislative Requirement**
Is continuous monitoring equipment that is being utilized to fulfill O. Reg. 170/03 requirements performing tests for the parameters with at least the minimum frequency specified in the Table in Schedule 6 of O. Reg. 170/03 and recording data with the prescribed format?		Legislative	SDWA | O. Reg. 170/03 | 6-5 | (1) 1-4
Observation			
Continuous monitoring equipment that was being utilized to fulfill O. Reg. 170/03 requirements was performing tests for the parameters with at least the minimum frequency specified in the Table in Schedule 6 of O. Reg. 170/03 and recording data with the prescribed format.			

Question ID	MRDW1035000		
Question		**Question Type**	**Legislative Requirement**
Are operators examining continuous monitoring test results and are they examining the results within 72 hours of the		Legislative	SDWA | O. Reg. 170/03 | 6-5 | (1)

test?		1-4,SDWA | O. Reg. 170/03 | 6-5 | (1)5-10

Observation

Operators were examining continuous monitoring test results and they were examining the results within 72 hours of the test.

All continuous monitoring data from the SCADA system is reviewed Monday through Friday when the WTP is staffed and remotely by an on-call operator on weekends. During an operating shift, operators review continuous monitoring data from the SCADA system and complete entries of instantaneous readings to daily rounds sheets and logbooks. When the plant is not staffed, the on-call operator reviews the SCADA system's "Wonderware" trends remotely.

Question ID	MRDW1040000	
Question	**Question Type**	**Legislative Requirement**
Are all continuous analysers calibrated, maintained, and operated, in accordance with the manufacturer's instructions or the regulation?	Legislative	SDWA | O. Reg. 170/03 | 6-5 | (1) 1-4,SDWA | O. Reg. 170/03 | 6-5 | (1)5-10

Observation

All continuous analysers were calibrated, maintained, and operated, in accordance with the manufacturer's instructions or the regulation.

At the time of the inspection, it was indicated that filter effluent turbidity meters are calibrated quarterly, while treated water chlorine analyzers and flow meters are calibrated semi-annually. A review of the calibration records for the inspection period indicate continuous monitoring equipment was calibrated on July 22nd, 2020, August 24th, 2020, November 2nd, 2020, January 14th, 2021, February 8th, 2021 and May 12th, 2021.

Question ID	MRDW1108000	
Question	**Question Type**	**Legislative Requirement**
Where continuous monitoring equipment used for the monitoring of free chlorine residual, total chlorine residual, combined chlorine residual or turbidity, required by Regulation 170, an Order, MDWL, or DWWP issued under Part V, SDWA, has triggered an alarm or an automatic shut-off, did a qualified person respond in a timely manner and take appropriate actions?	Legislative	SDWA | O. Reg. 170/03 | 6-5 | (1) 1-4,SDWA | O. Reg. 170/03 | 6-5 | (1)5-10,SDWA | O. Reg. 170/03 | 6-5 | (1.1)

Observation

Where required continuous monitoring equipment used for the monitoring of chlorine residual and/or turbidity triggered an alarm or an automatic shut-off, a qualified person responded in a timely manner and took appropriate actions.

Question ID	MRDW1018000	
Question	**Question Type**	**Legislative Requirement**
Has the owner ensured that all equipment is installed in accordance with Schedule A and Schedule C of the Drinking Water Works Permit?	Legislative	SDWA | 31 | (1)
Observation		
The owner had ensured that all equipment was installed in accordance with Schedule A and Schedule C of the Drinking Water Works Permit.		

Question ID	MRDW1021000	
Question	**Question Type**	**Legislative Requirement**
Is the owner/operating authority able to demonstrate that, when required during the inspection period, Form 2 documents were prepared in accordance with their Drinking Water Works Permit?	Legislative	SDWA | 31 | (1)
Observation		
The owner/operating authority was in compliance with the requirement to prepare Form 2 documents as required by their Drinking Water Works Permit during the inspection period. One "Form 2 – Record of Minor Modifications or Replacements to the Drinking Water System" form was prepared during the inspection period for the replacement of the VFD controlled backwash pump.		

Question ID	MRDW1023000	
Question	**Question Type**	**Legislative Requirement**
Do records indicate that the treatment equipment was operated in a manner that achieved the design capabilities required under Ontario Regulation 170/03 or a DWWP and/or MDWL issued under Part V of the SDWA at all times that water was being supplied to consumers?	Legislative	SDWA | O. Reg. 170/03 | 1-2 | (2)
Observation		
Records indicated that the treatment equipment was operated in a manner that achieved the design capabilities required under Ontario Regulation 170/03 or a Drinking Water Works Permit and/or Municipal Drinking Water Licence issued under Part V of the SDWA at all times that water was being supplied to consumers. For a system using a surface water raw water source, it is required by Section 1-4 of Schedule 1 of O. Reg. 170/03 that the owner of the drinking water system shall ensure provision of water treatment equipment that is designed to be capable of chemically assisted filtration and to be capable of achieving, at all times, primary disinfection in accordance with the Ministry's		

Procedure for Disinfection of Drinking Water in Ontario, including:

• at least 99% (2-log) removal/inactivation of Cryptosporidium oocysts
• at least 99.9% (3-log) removal/inactivation of Giardia cysts
• at least 99.99% (4-log) removal/inactivation of viruses by the time water enters the distribution system.

The Hearst WTP is a conventional filtration system which obtains its raw water source from the Mattawishkwia River. The system is designed to meet a minimum of 2-log removal of Cryptosporidium oocysts, 2.5-log removal of Giardia cysts and 2-log removal/inactivation of viruses through conventional filtration, and an additional 0.5-log removal of Giardia cysts and 2-log removal/inactivation of viruses through chlorination, thus meeting the requirements above.

To receive the required removal/inactivation credits set out in Schedule E of the MDWL, the following criteria must be met for conventional filtration:

1. A chemical coagulant shall be used at all times when the treatment plant is in operation
2. Chemical dosage shall be monitored and adjusted in response to variations in raw water quality
3. Effective backwash procedures shall be maintained
4. Turbidity shall be continuously monitored from each filter
5. Performance criterion for filtered water turbidity of less than or equal to 0.3 NTU in 95% of the measurements each month shall be met for each filter

Information provided for this inspection indicates that the Hearst WTP is operating in accordance with these requirements. A review of the filter effluent turbidity data provided for this inspection indicates that the filter effluent met the performance measure of 0.3 NTU or less 95% of the time for each individual month.

In addition, the following criteria for chlorination must be met to receive the required log removal/inactivation credit:

1. Sampling and testing for free chlorine residual shall be carried out by continuous monitoring equipment in the treatment process at or near a location where the intended contact time (CT) has just been completed in accordance with the Ministry's Procedure for Disinfection of Drinking Water in Ontario
2. At all times, CT provided shall be greater than or equal to the CT required to achieve the log removal credits assigned.

As stated in OCWA's Standard Operating Procedure for "Chlorine Contact Time – Worst Case Scenario", the required CT for log inactivation/removal credit is 50.53 mg/L·min achieved under the following conditions:

• Raw flow of 7,000 m3/d
• Reservoir/clearwell level of 2.25m
• pH of 8.00
• Minimum free chlorine residual of 0.63 exiting the clearwell

• Clearwell temperature of 0.5°C

A review of the primary disinfection parameters for the inspection period indicated that the required CT was achieved at all times when water was directed to users.

Question ID	MRDW1024000	
Question	**Question Type**	**Legislative Requirement**
Do records confirm that the water treatment equipment which provides chlorination or chloramination for secondary disinfection purposes was operated so that at all times and all locations in the distribution system the chlorine residual was never less than 0.05 mg/l free or 0.25 mg/l combined?	Legislative	SDWA | O. Reg. 170/03 | 1-2 | (2)

Observation

Records confirmed that the water treatment equipment which provides chlorination or chloramination for secondary disinfection purposes was operated so that at all times and all locations in the distribution system the chlorine residual was never less than 0.05 mg/l free or 0.25 mg/l combined.

The minimum combined chlorine residual recorded in the distribution system during the inspection period was 0.42 mg/L on July 28th, 2020.

Question ID	MRDW1025000	
Question	**Question Type**	**Legislative Requirement**
Were all parts of the drinking water system that came in contact with drinking water (added, modified, replaced or extended) disinfected in accordance with a procedure listed in Schedule B of the Drinking Water Works Permit?	Legislative	SDWA | 31 | (1)

Observation

All parts of the drinking water system were disinfected in accordance with a procedure listed in Schedule B of the Drinking Water Works Permit.

A review of the documentation provided in the logbooks, continuous trends, sample results and disinfection records indicate that the disinfection requirements were met for distribution repairs and maintenance conducted in July 2020.

Question ID	MRDW1062000	
Question	**Question Type**	**Legislative Requirement**
Do records or other record keeping mechanisms confirm that operational testing not performed by continuous monitoring equipment is being done by a certified operator, water quality analyst, or person who meets the requirements of O.	Legislative	SDWA | O. Reg. 170/03 | 7-5

Reg. 170/03 7-5?		
Observation		
Records or other record keeping mechanisms confirmed that operational testing not performed by continuous monitoring equipment was being done by a certified operator, water quality analyst, or person who suffices the requirements of O. Reg. 170/03 7-5.		

Question ID	MRDW1060000	
Question	**Question Type**	**Legislative Requirement**
Do the operations and maintenance manuals meet the requirements of the DWWP and MDWL issued under Part V of the SDWA?	Legislative	SDWA | 31 | (1)
Observation		
The operations and maintenance manuals met the requirements of the Drinking Water Works Permit and Municipal Drinking Water Licence issued under Part V of the SDWA.		

Question ID	MRDW1071000	
Question	**Question Type**	**Legislative Requirement**
Has the owner provided security measures to protect components of the drinking water system?	BMP	Not Applicable
Observation		
The owner had provided security measures to protect components of the drinking water system. All components of the WTP were found to be secure and under lock and key. The WTP access doors and low lift pump station building are always locked after hours and equipped with an intrusion alarm which triggers a callout to the Operations Manager. The WTP, low lift building and reservoir are surrounded by exterior lighting and fencing that is kept locked after hours. The facility is staffed Monday to Friday and all components are checked regularly in person or monitored remotely for intrusion or malfunction.		

Question ID	MRDW1073000	
Question	**Question Type**	**Legislative Requirement**
Has the overall responsible operator been designated for all subsystems which comprise the drinking water system?	Legislative	SDWA | O. Reg. 128/04 | 23 | (1)
Observation		
The overall responsible operator has been designated for each subsystem. OCWA has designated Mr. Serge Audet as the overall responsible operator (ORO) for the Hearst DWS and possesses the required qualifications. Mr. Michel Plourde is the backup ORO and possesses the required qualifications.		

Question ID	MRDW1074000	
Question	**Question Type**	**Legislative Requirement**
Have operators in charge been designated for all subsystems for which comprise the drinking water system?	Legislative	SDWA | O. Reg. 128/04 | 25 | (1)
Observation		
Operators-in-charge had been designated for all subsystems which comprised the drinking water system.		

Question ID	MRDW1075000	
Question	**Question Type**	**Legislative Requirement**
Do all operators possess the required certification?	Legislative	SDWA | O. Reg. 128/04 | 22
Observation		
All operators possessed the required certification.		

Question ID	MRDW1076000	
Question	**Question Type**	**Legislative Requirement**
Do only certified operators make adjustments to the treatment equipment?	Legislative	SDWA | O. Reg. 170/03 | 1-2 | (2)
Observation		
Only certified operators made adjustments to the treatment equipment.		

Question ID	MRDW1099000	
Question	**Question Type**	**Legislative Requirement**
Do records show that all water sample results taken during the inspection review period did not exceed the values of tables 1, 2 and 3 of the Ontario Drinking Water Quality Standards (O. Reg.. 169/03)?	Information	Not Applicable
Observation		
Records did not show that all water sample results taken during the inspection review period did not exceed the values of tables 1, 2 and 3 of the Ontario Drinking Water Quality Standards (O. Reg. 169/03). On October 20th, 2020, a treated water sample was taken and tested for 2-Methyl-4-chlorophenoxyacetic acid (MCPA) at 0.34 mg/L. The maximum allowable concentration for MCPA prescribed in O. Reg. 169/03 is 0.1 mg/L. Resamples were collected on November 12th, 2020 and tested below the detection limit (AWQI No.152860).		

Question ID	MRDW1093000		
Question		**Question Type**	**Legislative Requirement**
If the owner is required to conduct sampling under Schedule 13 of O. Reg. 170/03, have they increased the frequency of monitoring for any Schedule 13-2 or 13-4 parameter(s) as a result of having exceeded half the value of an applicable ODWQS?		Legislative	SDWA | O. Reg. 170/03 | 13-5 | (1),SDWA | O. Reg. 170/03 | 13-5 | (2)
Observation			
The owner was required to increase frequency of monitoring as a result of having exceeded half the value of an applicable ODWQS of a Schedule 13-2 or 13-4 parameter(s) and that increased monitoring was conducted. Section 13-5 (2a) to Schedule 13 of O.Reg. 170/03 requires the frequency of sampling and testing to be increased so that at least one water sample is taken and tested for four consecutive three-month periods and each of the results shall not exceed half of the standard set out in O. Reg. 169/03. During the inspection period, treated water samples were taken and tested for MCPA on January 19th, 2021 and April 13th, 2021, both results falling below the detection limit. The remaining two samples are scheduled for July and October 2021.			

Question ID	MRDW1094000		
Question		**Question Type**	**Legislative Requirement**
Are all water quality monitoring requirements imposed by the MDWL and DWWP being met?		Legislative	SDWA | 31 | (1)
Observation			
All water quality monitoring requirements imposed by the MDWL or DWWP issued under Part V of the SDWA were being met. Condition 5.2 and Table 7 of Schedule C of the MDWL requires composite sampling of total suspended solids (TSS) at the start, middle and end of the prescribed seasonal discharge periods (April 25 to June 15 and October 1 to November 15), and weekly grab sampling of total chlorine residual (when pre-filtration chlorination is being used), pH, biochemical oxygen demand (BOD) and aluminum from the lagoon effluent during spring and fall discharge. The certificates of analysis provided for the inspection period indicated composite sampling of TSS was conducted as required in addition to weekly grab sampling for pH, BOD and aluminum. NOTE: There was one exceedance for TSS in a sample collected from the residue management lagoon discharge on October 15th, 2020 which had a result of 109mg/L. Table 3 of Schedule C of the MDWL prescribes a maximum concentration of 25mg/L for TSS. The discharge was terminated after the sample was taken and Spills Action Centre was notified (Ref No. 0166-BUTNVS). The system has reported a number of TSS exceedances in the past due to high winds and design modifications have been put into consideration to mitigate the issue.			

Question ID	MRDW1096000	
Question	**Question Type**	**Legislative Requirement**
Do records confirm that chlorine residual tests are being conducted at the same time and at the same location that microbiological samples are obtained?	Legislative	SDWA | O. Reg. 170/03 | 6-3 | (1)
Observation		
Records confirmed that chlorine residual tests were being conducted at the same time and at the same location that microbiological samples were obtained.		

Question ID	MRDW1081000	
Question	**Question Type**	**Legislative Requirement**
Are all microbiological water quality monitoring requirements for distribution samples being met?	Legislative	SDWA | O. Reg. 170/03 | 10-2 | (1),SDWA | O. Reg. 170/03 | 10-2 | (2),SDWA | O. Reg. 170/03 | 10-2 | (3)
Observation		
All microbiological water quality monitoring requirements for distribution samples were being met. Section 10-2 of Schedule 10 of O. Reg. 170/03 requires the owner and operating authority for the system to ensure that at least 13 water samples are collected monthly from the distribution system (based on an estimated service population of 5,200) and tested for E.coli and total coliforms, with 25% of those samples tested for general background population expressed as colony counts on a heterotrophic plate count (HPC). A review of the water quality data for the inspection period confirmed that at least 13 samples were taken each month and tested for E.coli and total coliforms, and 25% of those samples were tested for HPC.		

Question ID	MRDW1083000	
Question	**Question Type**	**Legislative Requirement**
Are all microbiological water quality monitoring requirements for treated samples being met?	Legislative	SDWA | O. Reg. 170/03 | 10-3
Observation		
All microbiological water quality monitoring requirements for treated samples were being met. Section 10-3 of Schedule 10 of O. Reg. 170/03 requires the owner and operating authority for the		

system to ensure that at least one sample of treated water is collected weekly and tested for E.coli, total coliforms, and HPC.

A review of the water quality data for the inspection period confirmed that weekly treated water samples were taken and tested for E.coli, total coliforms, and HPC.

Question ID	MRDW1084000	
Question	**Question Type**	**Legislative Requirement**
Are all inorganic water quality monitoring requirements prescribed by legislation conducted within the required frequency?	Legislative	SDWA | O. Reg. 170/03 | 13-2

Observation

All inorganic water quality monitoring requirements prescribed by legislation were conducted within the required frequency.

Section 13-2 of Schedule 13 of O. Reg. 170/03 requires the owner and operating authority for the system to ensure that at least one treated water sample is collected every 12 months (+/- 30 days) and tested for every parameter set out in Schedule 23 of O. Reg. 170/03.

Monitoring of Schedule 23 parameters was completed on October 20th, 2020 and previously on October 23rd, 2019.

Question ID	MRDW1085000	
Question	**Question Type**	**Legislative Requirement**
Are all organic water quality monitoring requirements prescribed by legislation conducted within the required frequency?	Legislative	SDWA | O. Reg. 170/03 | 13-4 | (1),SDWA | O. Reg. 170/03 | 13-4 | (2),SDWA | O. Reg. 170/03 | 13-4 | (3)

Observation

All organic water quality monitoring requirements prescribed by legislation were conducted within the required frequency.

Section 13-4 of Schedule 13 of O. Reg. 170/03 requires the owner and operating authority for the system to ensure at least one sample of treated water is collected every 12 months (+/- 30 days) and tested for every parameter set out in Schedule 24 (organics).

Monitoring for Schedule 24 parameters was completed on October 20th, 2020 and previously on October 23rd, 2019.

Question ID	MRDW1086000		
Question		**Question Type**	**Legislative Requirement**
Are all haloacetic acid water quality monitoring requirements prescribed by legislation conducted within the required frequency and at the required location?		Legislative	SDWA | O. Reg. 170/03 | 13-6.1 | (1),SDWA | O. Reg. 170/03 | 13-6.1 | (2),SDWA | O. Reg. 170/03 | 13-6.1 | (3), SDWA | O. Reg. 170/03 | 13-6.1 | (4),SDWA | O. Reg. 170/03 | 13-6.1 | (5),SDWA | O. Reg. 170/03 | 13-6.1 | (6)
Observation			
All haloacetic acid water quality monitoring requirements prescribed by legislation are being conducted within the required frequency and at the required location. Section 13-6.1 of Schedule 13 of O. Reg. 170/03 requires the owner and operating authority for the system to ensure at least one water sample is collected in each calendar quarter from a point in the distribution system likely to have an elevated potential for the formation of haloacetic acids (HAAs) and have them tested for HAAs. A review of the water quality data for the inspection period indicates that sampling for HAAs was conducted on October 20th, 2020, January 19th, 2021, and April 13th, 2021.			

Question ID	MRDW1087000		
Question		**Question Type**	**Legislative Requirement**
Have all trihalomethane water quality monitoring requirements prescribed by legislation been conducted within the required frequency and at the required location?		Legislative	SDWA | O. Reg. 170/03 | 13-6 | (1)
Observation			
All trihalomethane water quality monitoring requirements prescribed by legislation were conducted within the required frequency and at the required location. Section 13-6 of Schedule 13 of O. Reg. 170/03 requires the owner and operating authority for the system to ensure at least one water sample is collected every three months (+/- 30 days) from points in the distribution system likely to have an elevated potential for the formation of trihalomethanes (THM) and have the sample(s) tested for THM. A review of the water quality data for the inspection period indicates that sampling for THMs was conducted on October 20th, 2020 (74 ug/L), January 19th, 2021 (59.8 ug/L), and April 13th, 2021			

(51.3 ug/L). Based on these results, the current running annual average (RAA) THM concentration is 77 ug/L.

NOTE: The standard for THM in drinking-water samples as prescribed by O. Reg. 169/03 of the Safe Drinking Water Act, 2002 (Ontario Drinking Water Quality Standards), is 100.0 ug/L expressed as a RAA.

Question ID	MRDW1088000	
Question	**Question Type**	**Legislative Requirement**
Are all nitrate/nitrite water quality monitoring requirements prescribed by legislation conducted within the required frequency for the DWS?	Legislative	SDWA | O. Reg. 170/03 | 13-7

Observation

All nitrate/nitrite water quality monitoring requirements prescribed by legislation were conducted within the required frequency for the DWS.

Section 13-7 of Schedule 13 of O. Reg. 170/03 requires the owner and operating authority for the system to ensure that at least one treated water sample is collected every three months (+/- 30 days) and tested for nitrite and nitrate.

A review of the water quality data for the inspection period confirms nitrite and nitrate was most recently tested on October 20th, 2020, January 19th, 2021, and April 13th, 2021.

Question ID	MRDW1089000	
Question	**Question Type**	**Legislative Requirement**
Are all sodium water quality monitoring requirements prescribed by legislation conducted within the required frequency?	Legislative	SDWA | O. Reg. 170/03 | 13-8

Observation

All sodium water quality monitoring requirements prescribed by legislation were conducted within the required frequency.

Section 13-8 of Schedule 13 of O. Reg. 170/03 requires the owner and operating authority for the system to ensure at least one treated water sample is collected every 60 months (+/- 90 days) and tested for sodium (most recently tested: September 1st & 17th, 2020, both of which resulted in exceedances).

NOTE: Compliance sampling for sodium was previously conducted on October 18th, 2017 which resulted in an exceedance (AWQI No.137896).

Question ID	MRDW1090000	
Question	**Question**	**Legislative**

	Type	Requirement
Where fluoridation is not practiced, are all fluoride water quality monitoring requirements prescribed by legislation conducted within the required frequency?	Legislative	SDWA | O. Reg. 170/03 | 13-9
Observation		
All fluoride water quality monitoring requirements prescribed by legislation were conducted within the required frequency. Section 13-9 of Schedule 13 of O. Reg. 170/03 requires the owner and operating authority for the system to ensure at least one treated water sample is collected every 60 months (+/- 90 days) and tested for fluoride (most recently tested: October 18th, 2017).		

Question ID	MRDW1100000	
Question	**Question Type**	**Legislative Requirement**
Did any reportable adverse/exceedance conditions occur during the inspection period?	Information	Not Applicable
Observation		
There were reportable adverse/exceedances during the inpsection period.		

Question ID	MRDW1101000	
Question	**Question Type**	**Legislative Requirement**
Have corrective actions (as per Schedule 17) been taken to address adverse conditions, including any other steps as directed by the Medical Officer of Health?	Legislative	SDWA | O. Reg. 170/03 | 17-1, SDWA | O. Reg. 170/03 | 17-10 | (1),SDWA | O. Reg. 170/03 | 17-10 | (2),SDWA | O. Reg. 170/03 | 17-11,SDWA | O. Reg. 170/03 | 17-12,SDWA | O. Reg. 170/03 | 17-13,SDWA | O. Reg. 170/03 | 17-14,SDWA | O. Reg. 170/03 | 17-2,SDWA | O. Reg. 170/03 | 17-3,SDWA | O. Reg. 170/03 | 17-4,SDWA | O. Reg. 170/03 | 17-

		5,SDWA | O. Reg. 170/03 | 17-6,SDWA | O. Reg. 170/03 | 17-9

Observation

Corrective actions (as per Schedule 17) had been taken to address adverse conditions, including any other steps that were directed by the Medical Officer of Health.

As per Section 17-10 of Schedule 17 of O. Reg. 170/03, the required corrective actions in response to AWQI No.152860 (MCPA exceedance) were to resample and test as soon as reasonably possible, and to take such other steps as directed by the Medical Officer of Health. Resamples were collected on November 12th, 2020 and tested below the detection limit. No further action required by the MOH.

Question ID	MRDW1104000	
Question	**Question Type**	**Legislative Requirement**
Were all required verbal notifications of adverse water quality incidents immediately provided as per O. Reg. 170/03 16-6?	Legislative	SDWA | O. Reg. 170/03 | 16-6 | (1),SDWA | O. Reg. 170/03 | 16-6 | (2),SDWA | O. Reg. 170/03 | 16-6 | (3),SDWA | O. Reg. 170/03 | 16-6 | (3.1),SDWA | O. Reg. 170/03 | 16-6 | (3.2), SDWA | O. Reg. 170/03 | 16-6 | (4),SDWA | O. Reg. 170/03 | 16-6 | (5),SDWA | O. Reg. 170/03 | 16-6 | (6)

Observation

All required notifications of adverse water quality incidents were immediately provided as per O. Reg. 170/03 16-6.

Question ID	MRDW1059000	
Question	**Question Type**	**Legislative Requirement**
Do the operations and maintenance manuals contain plans, drawings and process descriptions sufficient for the safe and	Legislative	SDWA | O. Reg. 128/04 | 28

efficient operation of the system?		
Observation		
The operations and maintenance manuals contained plans, drawings and process descriptions sufficient for the safe and efficient operation of the system.		

Question ID	MRDW1061000	
Question	**Question Type**	**Legislative Requirement**
Are logbooks properly maintained and contain the required information?	Legislative	SDWA | O. Reg. 128/04 | 27 | (1), SDWA | O. Reg. 128/04 | 27 | (2), SDWA | O. Reg. 128/04 | 27 | (3), SDWA | O. Reg. 128/04 | 27 | (4), SDWA | O. Reg. 128/04 | 27 | (5), SDWA | O. Reg. 128/04 | 27 | (6), SDWA | O. Reg. 128/04 | 27 | (7)
Observation		
Logbooks were properly maintained and contained the required information. Note: Effective May 17th, 2021, the Hearst WTP transitioned from paper to electronic logbooks. Operators are able to create entries on their computers and cell phones at all times. Printable PDF reports of the logs can be generated both with and without edits.		

DWS Component Information Report for 220002592

as of 17-SEP-2021

Drinking Water System Profile Information

DWS #	220002592
MOE Assigned Name	Hearst Drinking Water System
Category	LMRS
Regulation	O.REG 170/03
DWS Type	Water Treatment Plant
Source Type	Surface Water
Address	1215 Edward Street, Hearst, Ontario, P0L 1N0, Canada
Region	Northern Region
District	Timmins District
Municipality	Hearst
Public Health Unit	Porcupine Health Unit

LWIS Component Name	LWIS Component Type	LWIS Component Sub-Type	Component Address	Comments
Water Treatment Plant	Treated Water Poe	Treatment Facility		The raw water wet well is located in a building on the bank of the Mattawishkwia River, adjacent to the water treatment plant (WTP). Raw water is gravity fed into the wet well; as such the water level in the wet well is dependant on the level of the river. Pre-chlorination of the wet well is available. The pre-chlorination system has not been used since 2003. There are three low lift pumps, only one low lift pump is operated at any given time to deliver the raw water from the wet well to the mixing chamber and the floc tanks in the treatment plant. Alum and soda ash are added for coagulation and pH adjustment upstream of the two flocculation tanks and polymer is added to aid the coagulation process. The polymer injection system is set on a timer to automatically trigger the addition of polymer to the floc tank when required. Clarification is achieved through two settling tanks. Water from the settling tanks is then passed through two sand/anthracite/gravel media filters. Filters are backwashed as required with backwash going to a waste water tank. The filtered water is then chlorinated on the intake side of the clear well. Sodium hydroxide is also used for pH control. The outflow of the clearwell is conveyed to the storage reservoir by gravity. Post-chlorination and ammonium sulphate for chloramination is added on the intake side of the high lift pump prior to discharge to the distribution system.
Residue Management Lagoon	Other			One two-celled residue management lagoon having a total sludge storage volume of approximately 44,325 m3 Sludge transfer chamber is equipped with two submersible pumps (one duty, one standby) rated at 16.7 L/s. One 150 mm diameter force main for the sludge transfer chamber to the lagoon. The residue management lagoon is equipped with two effluent chambers (one in each cell) with aluminium stop logs, lifting handles and 300 mm diameter pipe outlet to discharge supernatant water to Hearst Creek that leads to Mattawishkwia River.
Additional Raw Water Source	Other	Surface Water		Permit to Take Water (PTTW) No. 5204-82ZV55 also includes the following sources: - Mattawishkwia River

DWS Component Information Report for 220002592

as of 17-SEP-2021

LWIS Component Name	LWIS Component Type	LWIS Component Sub-Type	Component Address	Comments
				- Mattawishkwia River rock weir located at the WTP - Mattawishkwia River rock weir located at Columbia Forest Products -Well TH-5 located at the WTP The rock weirs were constructed in September 2005 to create ponding around the intake structures. The drilled groundwater well on-site at the Hearst WTP (known locally as Well TH-5) is not included as a component in Drinking Water Works Permit No 211-201, Issue No. 5 (DWWP). NOTE: Use of the drilled groundwater well as source water for the Hearst DWS requires a Schedule C amendment to be submitted to the ministry and prior microbiological sampling.
Raw Water Intake	Source	Surface Water		The raw water intake structure in the Mattawishkwia River consists of a 400 mm diameter by 48.8 m long steel intake pipe, a rock filled timber intake crib located approximately 27.4 m from the shore in 2.0 m of water and an infiltration gallery. The infiltration gallery consists of 12 rows of 34 m long 150 mm diameter perforated pipes connected in parallel, buried at a depth of 1.0 m that extend into the Mattawishkwia River.
Standby Power	Stand-By Power Generation			The water treatment facility is equipped with a 150-kW natural gas generator to provide emergency standby power.
Residue Management System	Other			The WTP is equipped with: -one sludge holding tank to receive and store sludge from the settling tank, sludge collectors, having dimensions of 1.8 m x 7.9 m x 5.0 m, capable of holding 66 m3 of sludge (and wastewater from the backwash wastewater holding tank) volume. -one backwash wastewater holding tank for storage of filter backwash wastewater, having dimensions of 7.6 m x 7.9 m x 5.0 m, capable of holding 273 m3 of wastewater volume and equipped with two (2) horizontal centrifugal transfer pump at 6.4 L/s (one duty, one shelf spare) for the transfer of wastewater to a sludge holding tank -a 450 mm overflow pipe located in the sludge holding tank and 450 mm overflow sewer conveying excess filter backwash wastewater/settling tank sludge under emergency situations to the Mattawishkwia River outfall approximately 29 m downstream of the intake pipe.
Distribution System	Other	Other		The Hearst distribution system serves a population of 5,200 and has 2,000 service connections which are metered. The water main leaving the water treatment plant consists of 16-inch PVC plastic and connects to cast iron, ductile iron or PVC piping depending on the age of the subdivision. Water from the water treatment plant (WTP) supplies treated water to residential, commercial and industrial customers as well as an elevated storage

DWS Component Information Report for 220002592

as of 17-SEP-2021

LWIS Component Name	LWIS Component Type	LWIS Component Sub-Type	Component Address	Comments
				tower (1,000 m3). High lift pump activation is controlled by the water level in the elevated storage tower. The distribution system has 10 dead end locations. The Town of Hearst currently has three maintenance programs in the distribution system: a water main replacement program, a hydrant flushing/inspection program and a valve exercising program. The municipality plans to replace the ductile and cast-iron mains with PVC piping. The municipality has replaced most of the old watermains with PVC.
Water Tower	Other	Reservoir		The Hearst elevated water tower, located at 416 George St. – Hearst Public Works Yard, and holds 909 m3 of treated drinking water.

Key Reference and Guidance Material for Municipal Residential Drinking Water Systems

Many useful materials are available to help you operate your drinking water system. Below is a list of key materials owners and operators of municipal residential drinking water systems frequently use.

To access these materials online click on their titles in the table below or use your web browser to search for their titles. Contact the Ministry if you need assistance or have questions at 1-866-793-2588 or waterforms@ontario.ca.

For more information on Ontario's drinking water visit www.ontario.ca/drinkingwater

PUBLICATION TITLE	PUBLICATION NUMBER
FORMS: Drinking Water System Profile Information Laboratory Services Notification Adverse Test Result Notification	 012-2149E 012-2148E 012-4444E
Taking Care of Your Drinking Water: A Guide for Members of Municipal Councils	Website
Procedure for Disinfection of Drinking Water in Ontario	Website
Strategies for Minimizing the Disinfection Products Trihalomethanes and Haloacetic Acids	Website
Filtration Processes Technical Bulletin	Website
Ultraviolet Disinfection Technical Bulletin	Website
Guide for Applying for Drinking Water Works Permit Amendments, & License Amendments	Website
Certification Guide for Operators and Water Quality Analysts	Website
Guide to Drinking Water Operator Training Requirements	9802E
Community Sampling and Testing for Lead: Standard and Reduced Sampling and Eligibility for Exemption	Website
Drinking Water System Contact List	7128E01
Ontario's Drinking Water Quality Management Standard - Pocket Guide	Website
Watermain Disinfection Procedure	Website
List of Licensed Laboratories	Website

Ontario

Principaux guides et documents de référence sur les réseaux résidentiels municipaux d'eau potable

De nombreux documents utiles peuvent vous aider à exploiter votre réseau d'eau potable. Vous trouverez ci-après une liste de documents que les propriétaires et exploitants de réseaux résidentiels municipaux d'eau potable utilisent fréquemment. Pour accéder à ces documents en ligne, cliquez sur leur titre dans le tableau ci-dessous ou faites une recherche à l'aide de votre navigateur Web. Communiquez avec le ministère au 1-866-793-2588, ou encore à waterforms@ontario.ca si vous avez des questions ou besoin d'aide.

Pour plus de renseignements sur l'eau potable en Ontario, consultez le site www.ontario.ca/eaupotable

TITRE DE LA PUBLICATION	NUMÉRO DE PUBLICATION
Renseignements sur le profil du réseau d'eau potable Avis de demande de services de laboratoire Avis de résultats d'analyse insatisfaisants et de règlement des problèmes	012-2149F 012-2148F 012-4444F
Prendre soin de votre eau potable - Un guide destiné aux membres des conseils municipaux	Site Web
Marche à suivre pour désinfecter l'eau portable en Ontario	Site Web
Stratégies pour minimiser les trihalométhanes et les acides haloacétiques de sous-produits de désinfection	Site Web
Filtration Processes Technical Bulletin (en anglais seulement)	Site Web
Ultraviolet Disinfection Technical Bulletin (en anglais seulement)	Site Web
Guide de présentation d'une demande de modification du permis d'aménagement de station de production d'eau potable	Site Web
Guide sur l'accréditation des exploitants de réseaux d'eau potable et des analystes de la qualité de l'eau de réseaux d'eau potable	Site Web
Guide sur les exigences relatives à la formation des exploitants de réseaux d'eau potable	9802F
Échantillonnage et analyse du plomb dans les collectivités : échantillonnage normalisé ou réduit et admissibilité à l'exemption	Site Web
Liste des personnes-ressources du réseau d'eau potable	Site Web
L'eau potable en Ontario - Norme de gestion de la qualité - Guide de poche	Site Web
Procédure de désinfection des conduites principales	Site Web
Laboratoires autorisés	Site Web

PIBS 8990b01

Ontario

Ministry of the Environment, Conservation and Parks - Inspection Summary Rating Record (Reporting Year - 2021-2022)

DWS Name:	HEARST DRINKING WATER SYSTEM
DWS Number:	220002592
DWS Owner:	THE CORPORATION OF THE TOWN OF HEARST
Municipal Location:	HEARST
Regulation:	O.REG. 170/03
DWS Category:	DW Municipal Residential
Type of Inspection:	Focused
Inspection Date:	Jul-20-2021
Ministry Office:	Timmins District Office

Maximum Risk Rating: 518

Inspection Module	Non Compliance Rating
Source	0 / 0
Capacity Assessment	0 / 30
Treatment Processes	0 / 214
Operations Manuals	0 / 28
Logbooks	0 / 18
Certification and Training	0 / 42
Water Quality Monitoring	0 / 120
Reporting & Corrective Actions	0 / 66
Overall - Calculated	**0 / 518**

Inspection Risk Rating:	**0.00%**

Final Inspection Rating:	**100.00%**

Inspection Rating Record Generated On 2021-09-29 (Inspection ID: 1-48486829)

DWS Name:	HEARST DRINKING WATER SYSTEM
DWS Number:	220002592
DWS Owner Name:	THE CORPORATION OF THE TOWN OF HEARST
Municipal Location:	HEARST
Regulation:	O.REG. 170/03
DWS Category:	DW Municipal Residential
Type of Inspection:	Focused
Inspection Date:	Jul-20-2021
Ministry Office:	Timmins District Office

All legislative requirements were met. No detailed rating scores.

Maximum Question Rating: 518

Inspection Risk Rating:	**0.00%**

FINAL INSPECTION RATING:	**100.00%**