Ministry of the Environment, Conservation and Parks

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Ministère de l'Environnement, de la Protection de la nature et des Parcs

District de Barrie

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February 3, 2026

Attention: Gayle Jackson - Township of Ramara CAO (GJackson@ramara.ca)

Re: 2025 Drinking Water Inspection Report
Val Harbour Subdivision Drinking Water System

Please find enclosed the Ministry of the Environment, Conservation and Parks Inspection Report for Val Harbour Subdivision Drinking Water System (Drinking Water System # 220010690). The physical inspection process took place on November 5, 2025. This inspection report covers the period from February 6, 2025, to November 5, 2025.

The primary focus of this inspection is to confirm compliance with Ministry of the Environment, Conservation and Parks legislation and authorizing documents, as well as evaluating conformance with Ministry drinking water-related policies and guidelines during the inspection review period.

No issues of non-compliance or best management practices were identified in the inspection. No Provincial Officer's Orders were issued in conjunction with this inspection.

In order to measure individual inspection results, the Ministry has established an inspection compliance risk framework based on the principles of the Inspection, Investigation & Enforcement (II&E) Secretariat and advice of internal/external risk experts. The Inspection Summary Rating Record (IRR), provides the Ministry, the system owner and the local Public Health Units with a summarized quantitative measure of the drinking water system's annual inspection and regulated water quality testing performance. IRR ratings are published (for the previous inspection year) in the Ministry's Chief Drinking Water Inspector's Annual Report.

The IRR is attached as Appendix A of this report. If you have any questions or concerns regarding the rating, please contact the undersigned or Sheri Broeckel, Drinking Water Program Supervisor, at (705) 716-3712.

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 councilors, 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 Councils" found on the Drinking Water Ontario website at www.ontario.ca/drinkingwater.

A list of guidance material and forms for municipal residential drinking water systems is contained in Appendix B of this report.

If you have any questions regarding the inspection report please feel free to contact the undersigned at (705) 717-0962 or laura.kent@ontario.ca.

Sincerely,

Laura Kent
Water Inspector
Provincial Officer
Barrie District Office, Ministry of the Environment Conservation and Parks

CC Laura Pye, Director of Infrastructure, Township of Ramara, lpye@ramara.ca
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Barrie District Office File, Ministry of the Environment, Conservation and Parks

VAL HARBOUR SUBDIVISION DRINKING WATER SYSTEM
Physical Address: 3885 EDGEHILL RD,
RAMARA, ON L3V 0L1

INSPECTION REPORT

System Number:	220010690
Entity:	CORPORATION OF THE TOWNSHIP OF RAMARA
Inspection Start Date:	November 03, 2025
Site Inspection Date:	November 05, 2025
Inspection End Date:	January 20, 2026
Inspected By:	Laura Kent
Badge #:	1123

(signature)

INTRODUCTION

Purpose

This unannounced, focused inspection was conducted on November 5, 2025 to confirm compliance with Ministry of the Environment, Conservation and Parks' (MECP) legislation and conformance with Ministry drinking water policies and guidelines.

Scope

The Val Harbour Subdivision Drinking Water System serves an estimated population of 190 people. The subdivision is comprised of 74 residential lots. The drinking water system is owned by the Corporation of the Township of Ramara, and operated by the Ontario Clean Water Agency (OCWA). The Val Harbour Subdivision Drinking Water System (DWS) is categorized as a small municipal residential drinking water system, as defined by Ontario Regulation 170/03, and operates under DWS number 220010690.
The Val Harbour Subdivision Drinking Water System consists of 3 wells, treatment equipment and three distribution sample points. Treatment is provided by chlorination for primary and secondary disinfection. There are no storage structures within the distribution system. The distribution system consists of approximately 1,700 m of 100 mm diameter watermains.

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 and the operation of the system.
The drinking water inspection included: physical inspections of the treatment equipment and facility; interviews with OCWA staff and a review of relevant documents and data from the period of February 6, 2025 to November 5, 2025 (hereafter referred to as the "inspection review period"). The previous inspection of the Val Harbour Subdivision Drinking Water System was conducted on February 6, 2025.

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.

Facility Contacts and Dates

The Val Harbour Subdivision drinking water system is owned by the Township of Ramara and operated by the Ontario Clean Water Agency (OCWA). The system serves an estimated population of 190 people and is categorized as a Small Municipal Residential Drinking Water System under Ontario Regulation 170/03. Information reviewed for this inspection covered the

time period of February 6, 2025, to November 5, 2025.

Systems/Components

WELL 1

Well 1 is a drilled well located approximately 200 m west of the water works building. The well is 18.9 m deep and has MECP Well ID No. 4605337 and was drilled in 1972. The well is sleeved with a 150 mm diameter steel casing to a depth of 16.7 m. A 45 L/min (65 m3/d) 1 HP submersible pump is installed in this well at a depth of 16.7 m. A 50 mm diameter discharge line is connected to the well pump header in the treatment building.

WELL 2

Well 2 is a drilled well located approximately 4 m northeast of the treatment building within the locked fenced compound connected to the building. The well is 15.8 m deep and has MECP Well ID No. 4605336 and was drilled in 1972. The well is sleeved with a 150 mm steel casing to a depth of 15.8 m. The Operations Manual indicates the well pump is a 127 L/min (183 m3/d) 2 HP submersible pump installed at a depth of 11.9 m. A flow control valve limits the peak flow to 97 L/min. A 50 mm diameter discharge line is connected to the well pump header in the treatment building.

WELL 3R

Well 3R is a drilled well located approximately 200 m east of the treatment building. The well was drilled in 2009 to a depth of 16.45 m and has MECP Well ID No. A094929. The well is sleeved with a 150 mm steel casing to a depth of 15 m. A 144 L/min 2 HP submersible pump is installed at a depth of 15.24 m. This well provides backup water supply capacity for the system, and ensures adequate supply is available to meet the maximum day demand if Well 1 and Well 2 are offline. A 75 mm diameter discharge line is connected to the well pump header in the treatment building.

PUMPHOUSE

Raw water from Wells 1, 2 and 3R enters the pumphouse through three separate raw water headers. The pump control panel allows the operators to select which well pump is duty and stand-by. Each raw water header is equipped with a flow control valve to limit the peak flow rate to 47 L/min, 97 L/min and 150 L/min, respectively. The maximum combined daily taking must not exceed 216,000 L/d. Each well header is fitted with a magnetic flow meter to monitor the total daily takings and the peak instantaneous daily flow. There is a fourth magnetic flow meter that measures the combined raw water flow and provides the 4-20 mA signal to flow pace the sodium hypochlorite injection for primary disinfection. The sodium hypochlorite system

consists of two chemical feed pumps, one duty and one standby with automatic switchover in case of duty pump failure, each with an injection point, and one chemical solution tank with secondary containment. The injection rate is manually set by the operators or can be flow paced with the combined raw water flow. The chemical feed pumps operate with the well pumps.
Chlorinated water discharges into two 43,800 L precast concrete reservoirs. The tanks are normally operated in series to maximize contact time but have the necessary piping to be operated individually. During the inspection review period, each of the reservoirs were taken out of service for maintenance and cleaning. During times of only one reservoir in operation Operators alter the CT calculation to accommodate the decreased volume.
Two 3 HP vertical multistage duty pumps pump the treated water from the reservoir to the distribution system. A third identical high lift pump is plumbed in the event of a duty pump failure. During the inspection review period all three of the high lift pumps were replaced. A 50 mm diameter pressure relief valve with built in check valve allows the high lift pumps to operate continuously. The pressure relief valve is set to open at 80 psi, and returns flow to the reservoirs. Pressure switches are set which call on the second high lift pump. A low pressure alarm is activated in the event the pressure is measured below the set point.
A flow meter installed on the distribution header provides a 4-20 mA signal for the recording of the daily average flow rate, the total daily flow and the peak instantaneous flow rate.
Continuous water quality on-line analysers, equipped with uninterruptable power supply, monitor the free chlorine residual, pH and turbidity of the treated water before it enters the distribution system. The analysers and a smooth bore water sampling tap are fed water from a point after the contact time and prior to leaving the pumphouse for the distribution system. The pumphouse is also wired with a 24 hour alarm system which continuously monitors illegal entry, power interruptions, low temperature and low pressure as well as treated water quality for turbidity and free available chlorine residuals, low and high reservoir levels and chlorine pump failure.
A 20 kilowatt standby propane powered generator is able to supply power for all necessary equipment to maintain supply of drinking water in the event of electrical supply disruption. The generator is located in a fenced enclosure adjacent to the north side of the treatment building.

Permissions/Approvals

This drinking water system (DWS) was subject to specific conditions contained within the following permissions and/or approvals at the time of the inspection in addition to the requirements of the SDWA and its regulations:
- Municipal Drinking Water License 147-105 Issue Number 5 dated February 4, 2022.
- Drinking Water Works Permit 147-205 Issue Number 3 dated February 4, 2022.

Background and Compliance

No on-going or previous compliance issues associated with the Val Harbour Subdivision drinking water system.

NON-COMPLIANCE

This should not be construed as a confirmation of full compliance with all potential applicable legal requirements. 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 signed Provincial Officer.

RECOMMENDATIONS

This should not be construed as a confirmation of full conformance with all potential applicable 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 signed Provincial Officer.

INSPECTION DETAILS

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

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

Question ID	DWMR1007001	**Question Type**	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 1-2 | (1)1;

Question:
Was the owner maintaining the production well(s) in a manner sufficient to prevent entry into the well of surface water and other foreign materials?

Compliance Response(s)/Corrective Action(s)/Observation(s):
The owner was maintaining the production well(s) in a manner sufficient to prevent entry into the well of surface water and other foreign materials.

Subsection 1-2. (1) 1. of Schedule 1 of Ontario Regulation 170/03 requires that the owner of a drinking water system shall ensure that any well that serves as an entry point of raw water supply is constructed and maintained to prevent surface water and other foreign materials from entering the well.
There are three supply wells for Val Harbour Subdivision Drinking Water System. Each of the wells has a secure cap and screened vent. Each production well extends above grade and complies with the minimum height requirements set out in Ontario Regulation 903. The surrounding land slopes away from the exteriors of the wells, and there is no indication of water ponding in the area. Well 2 is located in the locked fenced area behind the treatment building. Wells 1 and 3 are protected from motorized traffic by large rocks and signage identifies the areas as Well Head Protection areas.
Raw water samples were collected from each of the wells each week during the inspection review period. All sample results were zero for total coliform and Escherichia coli.

Question ID	DWMR1009001	**Question Type**	Legislative

Legislative Requirement(s):
SDWA | 31 | (1);

Question:
Were measures in place to protect the groundwater and/or GUDI source in accordance with the Municipal Drinking Water Licence and Drinking Water Works Permit?

Compliance Response(s)/Corrective Action(s)/Observation(s):

Pursuant to Conditions 16.2.8 to 16.2.10 of Schedule B of Municipal Drinking Water Licence 147-105 (Issue 5), the Val Harbour Subdivision Operations Manual must include:
• Condition 16.2.8: An inspection schedule for all wells associated with the drinking water

system, including production, standby, test, and monitoring wells.
• Condition 16.2.9: Inspection and maintenance procedures for the entire well structure of each well, covering all above- and below-grade components.
• Condition 16.2.10: Remedial action plans for instances where inspections identify non-compliance with regulatory requirements or potential risks to raw well water quality.

To meet these conditions, the Owner and Operating Authority have incorporated a dedicated section on well maintenance and inspections in the Operations Manual. This includes routine inspections of both above and below grade components of the wells as well as review of flow rates and sample results.

Question ID	DWMR1014001	**Question Type**	Legislative

Legislative Requirement(s):
SDWA | 31 | (1);

Question:
Was flow monitoring performed as required by the Municipal Drinking Water Licence or Drinking Water Works Permit?

Compliance Response(s)/Corrective Action(s)/Observation(s):
Flow monitoring was performed as required.

Pursuant to Condition 2.1 of Schedule C of Municipal Drinking Water Licence 147-105 Issue Number 5, the Owner is required to undertake continuous flow measurement and recording of both the flow rate and daily volume of treated water entering the distribution system, as well as the daily volume of water entering the treatment subsystem.
To meet this requirement, the system is equipped with a flow meter on each of the three raw water headers, combined raw water line and a treated water flow meter located on the line from the reservoirs to the distribution system.
Flow monitoring data is collected through the SCADA system and is actively monitored by operators and includes total daily volumes, instantaneous flow rates and peak flow rates for each of the wells as well as the total raw water and treated water flows.

Question ID	DWMR1016001	**Question Type**	Legislative

Legislative Requirement(s):
SDWA | 31 | (1);

Question:
Was the owner in compliance with the conditions associated with maximum flow rate or the rated/operational capacity in the Municipal Drinking Water Licence?

Compliance Response(s)/Corrective Action(s)/Observation(s):
The owner was in compliance with the conditions associated with maximum flow rate and/or the rated/operational capacity conditions.

Pursuant to Condition 1.1 of Schedule C of Municipal Drinking Water Licence 147-105 Issue

Number 5, the rated capacity for Val Harbour Water Works is 207.36 m3/day. The Municipal Drinking Water Licence for Val Harbour Subdivision does not contain maximum flow rate stipulations.
A review of flow data for the inspection period confirmed that there were no exceedances of the prescribed rated capacity. The maximum flow rate recorded during the inspection review period was 197 m3 on July 28, 2025. This value was recorded on a day when the PLC power supply was being replaced and the historical data was being removed. The next highest flow rate during the inspection review period was 72 m3/day and the minimum recorded daily flow was 21 m3/day during the inspection review period.

Question ID	DWMR1018001	**Question Type**	Legislative

Legislative Requirement(s):
SDWA | 31 | (1);

Question:
Did the owner ensure that equipment was installed in accordance with Schedule A and Schedule C of the Drinking Water Works Permit?

Compliance Response(s)/Corrective Action(s)/Observation(s):
The owner ensured that equipment was installed as required.

At the time of inspection, the installed equipment at the Val Harbour Subdivision pumphouse appeared to be installed as per the description in Schedule A of Drinking Water Works Permit 147-205 Issue Number 3 and the process flow diagram contained in Schedule D. The overview in Schedule A does not include Well 3R or the third high lift pump that is available as a back up, but Well 3R and the third high lift are reflected in the Water Works description and in the process flow diagram. There are no items in Schedule C contained in the Drinking Water Works Permit.

Question ID	DWMR1021001	**Question Type**	Legislative

Legislative Requirement(s):
SDWA | 31 | (1);

Question:
Were Form 2 documents prepared as required?

Compliance Response(s)/Corrective Action(s)/Observation(s):
Form 2 documents were prepared as required.

During the inspection review period one Form 2 was completed for the replacement of all three high lift pumps with like-for-like specifications and the addition of a vacuum priming system including a VFD for the high lift pumps.

Question ID	DWMR1025001	**Question Type**	Legislative

Legislative Requirement(s):
SDWA | 31 | (1);

Question:
Were all parts of the drinking water system that came in contact with drinking water disinfected in accordance with a procedure listed in Schedule B of the Drinking Water Works Permit?

Compliance Response(s)/Corrective Action(s)/Observation(s):
All parts of the drinking water system were disinfected as required.

Pursuant to Section 2.3 of Schedule B of Drinking Water Works Permit 147-205 Issue Number 3 all components of the drinking water system that come into contact with drinking water and are added, modified, replaced, or extended; or taken out of service for inspection, repair, or other activities that may pose a risk of contamination, must be disinfected prior to being returned to service. This disinfection must be carried out in accordance with a procedure approved by the Director or in accordance with the applicable provisions of the following documents:

- The Ministry's Watermain Disinfection Procedure (August 1, 2020);
- Any updated version of the Watermain Disinfection Procedure, subject to Condition 2.3.2;
- AWWA C652 – Standard for Disinfection of Water-Storage Facilities;
- AWWA C653 – Standard for Disinfection of Water Treatment Plants;
- AWWA C654 – Standard for Disinfection of Wells.

During the inspection review period both reservoirs were cleaned and maintenance performed. The third-party contractor who performed the works adhered to all required procedures and provided supporting documentation that all disinfection requirements were met.
All applicable components of the Val Harbour Subdivision Drinking Water System are disinfected in accordance with these procedures when required.

Question ID	DWMR1023001	**Question Type**	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 1-2 | (2);

Question:
Did records indicate that the treatment equipment was operated in a manner that achieved the design capabilities prescribed by O. Reg. 170/03, Drinking Water Works Permit and/or Municipal Drinking Water Licence at all times that water was being supplied to consumers?

Compliance Response(s)/Corrective Action(s)/Observation(s):
Records indicated that the treatment equipment was operated in a manner that achieved the design capabilities prescribed.

Pursuant to Section 1-3 of Schedule 1 of Ontario Regulation 170/03, the Owner of a drinking water system that sources water from groundwater is required to ensure the provision of treatment equipment capable of achieving primary disinfection at all times. This must be in accordance with the Ministry's Procedure for Disinfection of Drinking Water in Ontario, including achieving at least 99 percent removal or inactivation of viruses before water enters

the distribution system.

Based on Operator notes and the continuously recorded and manually sampled data provided by the Operating Authority and reviewed during this inspection, it appears that the Val Harbour Subdivision Drinking Water System consistently met the required level of treatment throughout the inspection review period. Adequate contact time is provided through the two 43,800 L reservoirs, and treatment reliability is supported by auxiliary and duty chemical feed pumps with automatic switchover in the event of pump failure. Additional safeguards include alarms for high and low chlorine residuals, high and low reservoir levels and high raw flows. All of these alarms call out the duty operator.
In April 2025 reservoir 1 was put off line for maintenance and cleaning and in May 2025 reservoir 2 was put off line for maintenance and cleaning. During times of only one reservoir in service Operators made appropriate adjustments to CT calculations to account for the reduced volume.

Question ID	DWMR1024001	**Question Type**	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 1-2 | (2);

Question:
Did records confirm that the water treatment equipment which provides chlorination or chloramination for secondary disinfection was operated as required?

Compliance Response(s)/Corrective Action(s)/Observation(s):
Records confirmed that the water treatment equipment which provides chlorination or chloramination for secondary disinfection was operated as required.

Pursuant to Subsection 1-2 (2), paragraph 4 of Schedule 1 of Ontario Regulation 170/03, where chlorination is used for secondary disinfection, the Owner must ensure that the equipment is operated in a manner that maintains a free chlorine residual of no less than 0.05 milligrams per litre at all times and at all locations within the distribution system.

A review of operational records for the inspection review period confirmed that free chlorine residuals within the distribution system consistently met this requirement, with no recorded values falling below the prescribed minimum. The lowest distribution chlorine residual measured in the distribution system during the inspection review period was 0.32 mg/L in August 2025. At the time of inspection the inspector measured the chlorine residual at the Leo sample station with a result of 1.37 mg/L. The Operator measured the free chlorine residual at the same time and location and had a reading of 1.35 mg/L.

Question ID	DWMR1034001	**Question Type**	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 7-2 | (5); SDWA | O. Reg. 170/03 | 7-2 | (6);

Question:
Was secondary disinfectant residual tested as required for the small municipal residential

distribution system?

Compliance Response(s)/Corrective Action(s)/Observation(s):
Secondary disinfectant residual was tested as required.

Pursuant to Subsections 7-2 (5) and 7-2 (6) of Ontario Regulation 170/03, the Owner of a small municipal residential system that provides secondary disinfection, along with the Operating Authority, must ensure that at least two distribution system samples are collected each week and tested immediately for:

- (a) Free chlorine residual, if chlorination is used without chloramination; or
- (b) Combined chlorine residual, if chloramination is used.

At least one of the distribution samples must be taken at least 48 hours after, and during the same week as, one of the other distribution samples.
During the inspection review period free chlorine residuals were measured in the distribution system on at least two days each week, in accordance with the requirements.

Question ID	DWMR1030001	**Question Type**	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 7-2 | (1); SDWA | O. Reg. 170/03 | 7-2 | (2);

Question:
Was primary disinfection chlorine monitoring being conducted at a location approved by Municipal Drinking Water Licence and/or Drinking Water Works Permit or at/near a location where the intended CT had just been achieved?

Compliance Response(s)/Corrective Action(s)/Observation(s):
Primary disinfection chlorine monitoring was conducted as required.

Pursuant to Subsection 7-2 (1) of Schedule 7 of Ontario Regulation 170/03, drinking water systems that utilize chlorination for primary disinfection are required to have continuous monitoring equipment in place to sample and test free chlorine residuals at or near the point where the intended contact time has just been achieved, in accordance with the Ministry's Procedure for Disinfection of Drinking Water in Ontario.

In the Val Harbour Subdivision Drinking Water System, a continuous chlorine residual analyzer is installed within the pumphouse. This analyzer is supplied via a dedicated line from the point of entry to the distribution system after the two reservoirs where contact time is achieved.

Question ID	DWMR1035001	**Question Type**	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 6-5 | (1)1-4;

Question:
Were operators examining continuous monitoring test results and did they examine the

results within 72 hours of the test?

Compliance Response(s)/Corrective Action(s)/Observation(s):

Operators were examining continuous monitoring test results as required.

Pursuant to Subsection 6-5 (1) 3 of Schedule 6 of Ontario Regulation 170/03, test results recorded under paragraph 1 or 2 must be reviewed by a certified operator within 72 hours of the tests being conducted.

During the inspection review period, continuous monitoring test results were consistently reviewed by certified operators within the required 72-hour timeframe. The maintained spreadsheet of the data review indicates that the review was performed the next day that the test results were from, with the exception of four days within the inspection review period.

Question ID	DWMR1038001	**Question Type**	Legislative

Legislative Requirement(s):

SDWA | O. Reg. 170/03 | 6-5 | (1)1-4;

Question:

Was continuous monitoring equipment that was being utilized to fulfill O. Reg. 170/03 requirements performing tests for the parameters with at least the minimum frequency and recording data with the prescribed format?

Compliance Response(s)/Corrective Action(s)/Observation(s):

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 and recording data with the prescribed format.

Pursuant to Subsection 6-5(1) of Schedule 6 of Ontario Regulation 170/03, continuous monitoring equipment used for sampling and testing parameters listed in the Table included in Schedule 6 must meet specific performance standards. For the Val Harbour Subdivision Drinking Water System, this requirement applies to the continuous chlorine analyzer used to monitor free chlorine residuals for primary disinfection at or near the point where the intended contact time is achieved.

Specifically, paragraph 1, subparagraph i of Subsection 6-5(1), along with the associated Table, requires that the analyzer measure free chlorine residual at a minimum frequency of once every five minutes.

Chlorine residual values are captured every minute by the SCADA system. A daily summary is generated that includes the minimum, maximum and average values, as well as a snapshot taken at approximately six am. Operators have remote access to the SCADA system. During the inspection review period there were a couple of instances when the power supply was off for the continuous chlorine analyser to allow for the necessary wiring to be done associated with the replacement of the high lift pumps. During such times, an Operator was on site and manually measured the free chlorine residual at the required frequency.

Question ID	DWMR1037001	Question Type	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 6-5 | (1)5-10; SDWA | O. Reg. 170/03 | 6-5 | (1.1);

Question:
Were 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, equipped with alarms or shut-off mechanisms that satisfied the standards described in Schedule 6?

Compliance Response(s)/Corrective Action(s)/Observation(s):
All required continuous monitoring equipment utilized for sampling and testing were equipped with alarms or shut-off mechanisms that satisfied the standards

Pursuant to Subsection 6-5 (1), paragraph 5i, and Subsection 6-5 (1.1), paragraph 1 of Schedule 6 of Ontario Regulation 170/03, continuous monitoring equipment used for sampling and testing under the regulation must meet specific performance standards.

To comply with these requirements, the Owner has installed a continuous chlorine analyzer to monitor free available chlorine residual at or near the point where the intended contact time for primary disinfection is achieved. This analyzer is integrated with the SCADA system and is configured to trigger alarms to the on-call operator in the event of high or low chlorine residual levels, ensuring timely response and operational oversight. The low chlorine alarm level is set at a point to afford an Operator time to respond before primary disinfection would be compromised.

Question ID	DWMR1040001	Question Type	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 6-5 | (1)1-4; SDWA | O. Reg. 170/03 | 6-5 | (1)5-10;

Question:
Were all continuous analysers calibrated, maintained, and operated, in accordance with the manufacturer's instructions or the regulation?

Compliance Response(s)/Corrective Action(s)/Observation(s):
All continuous analysers were calibrated, maintained, and operated as required.

Pursuant to Subsection 6-5(1), paragraph 8 of Schedule 6 of Ontario Regulation 170/03, continuous monitoring equipment must be checked and calibrated in accordance with the manufacturer's instructions. Additionally, Subsection 6-5(1), paragraph 10 requires that, where the manufacturer does not specify a calibration frequency and paragraph 9 does not apply, the equipment must be checked and calibrated as often as necessary to ensure test results remain within the following margins of error:

• For free chlorine residuals: ±0.05 mg/L when concentrations are ≤1.0 mg/L, and proportionally higher for concentrations >1.0 mg/L.

• For free and total chlorine residuals used to determine combined chlorine: the same margin

of ±0.05 mg/L applies under the same conditions.

Further, Condition 4.1 of Schedule C of Municipal Drinking Water Licence 147-105, Issue Number 5, requires that any measuring instrumentation used for CT monitoring be checked and, if necessary, calibrated at least once every 12 months, or more frequently if specified by the manufacturer. Subsection 4.1.1 clarifies that this calibration must occur no more than 30 days after the anniversary of the previous calibration date.
To meet these requirements, operators typically perform weekly comparisons of the free chlorine residual reading measured by the continuous chlorine residual analyzer and a portable handheld colorimetric device. If a comparison reveals discrepancies greater than 0.05 mg/L, the analyzers are adjusted. The continuous analysers are calibrated annually as per the manufacturer's recommendations. All maintenance, testing, comparison and calibration activities are documented. At the time of inspection the most recent third party technician calibrations were performed on all measurement equipment installed in the Val Harbour Subdivision water treatment building in January 2025, including the calibration of the continuous chlorine analyser, hand held colourimeter, pressure transmitter, turbidity analyser, turbidimeter, both level transmitters, and all four flow meters. All equipment was left in a 'pass' condition.

Question ID	DWMR1108001	**Question Type**	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 6-5 | (1)5-10; SDWA | O. Reg. 170/03 | 6-5 | (1.1);

Question:
Where continuous monitoring equipment used for the monitoring of free chlorine residual, total chlorine residual, combined chlorine residual or turbidity, required by O. Reg. 170/03, Municipal Drinking Water Licence, Drinking Water Works Permit, or order triggered an alarm or an automatic shut-off, did a qualified person respond as required and take appropriate actions?

Compliance Response(s)/Corrective Action(s)/Observation(s):
A qualified person responded as required and took appropriate actions.

Upon review of logbook entries, it appears that a qualified person responded in a timely manner and took appropriate actions in each instance that continuous monitoring equipment triggered an alarm. There were 16 alarm responses noted in the logbook during the inspection review period. Noted alarms were for low chlorine, low pressure, high turbidity, high reservoir level, low reservoir level and the generator running. Seven of the alarms resulted in an Operator attending the plant. None of the alarms indicated a compromise to primary or secondary treatment of the drinking water.

Question ID	DWMR1099001	**Question Type**	Information

Legislative Requirement(s):
Not Applicable

Question:
Do records show that water provided by the drinking water system met the Ontario Drinking Water Quality Standards?

Compliance Response(s)/Corrective Action(s)/Observation(s):
Records showed that all water sample results met the Ontario Drinking Water Quality Standards.

Microbiological, chemical, and radiological sample results, along with associated monitoring data from the analytical laboratory, were reviewed for the inspection period. No exceedances were identified with respect to the Maximum Acceptable Concentration (MAC) or Interim Maximum Acceptable Concentration (IMAC) standards as set out in the Ontario Drinking Water Quality Standards under Ontario Regulation 169/03 during the inspection review period. However, the reporting limit above 20 mg/L for sodium was exceeded in a sample collected on August 5, 2025 with a result of 23.9 mg/L and a resample result of 24.2 mg/Lin a sample collected on August 11, 2025.

Question ID	DWMR1082001	**Question Type**	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 11-2 | (1); SDWA | O. Reg. 170/03 | 11-2 | (2); SDWA | O. Reg. 170/03 | 11-2 | (6);

Question:
Were distribution microbiological sampling requirements prescribed by Schedule 11-2 of O. Reg. 170/03 for small municipal residential systems met?

Compliance Response(s)/Corrective Action(s)/Observation(s):
Distribution microbiological sampling requirements were met.

Pursuant to Subsection 11-2 of Schedule 11 of Ontario Regulation 170/03, the Owner and Operating Authority of a small municipal residential drinking-water system shall ensure that at least one distribution sample is taken every two weeks, if the system provides treatment equipment in accordance with Schedule 1 and the equipment is operated in accordance with that Schedule, such as the Val Harbour Drinking Water System. Each of the samples must be tested for Escherichia coli, total coliforms and general bacteria population expressed as colony counts on a heterotrophic plate count (HPC).
During the inspection review period microbiological samples were collected from the Val Harbour distribution system and sampled for all required parameters every two weeks as required.

Question ID	DWMR1096001	**Question Type**	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 6-3 | (1);

Question:
Did records confirm that chlorine residual tests were conducted at the same time and location as microbiological samples?

Compliance Response(s)/Corrective Action(s)/Observation(s):
Records confirmed that chlorine residual tests were conducted as required.

Pursuant to subsection 6-3(1) of Schedule 6 of Ontario Regulation 170/03, where a water sample is required to be collected and analyzed for a microbiological parameter, the owner and operating authority of the drinking water system must ensure that an additional sample is taken concurrently from the same location and is immediately tested for free chlorine residual, provided that the system employs chlorination.

Records reviewed confirm that disinfectant residual measurements were obtained concurrently with the collection of treated and distribution microbiological samples collected during the inspection review period.

Question ID	DWMR1084001	**Question Type**	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 13-2;

Question:
Were inorganic parameter sampling requirements prescribed by Schedule 13-2 of O. Reg. 170/03 met?

Compliance Response(s)/Corrective Action(s)/Observation(s):
Inorganic parameter sampling requirements were met.

Pursuant to Subsection 13-2(3) of Schedule 13 of Ontario Regulation 170/03, the Owner and Operating Authority of a small municipal residential drinking-water system must ensure that a treated water sample is collected every 60 months and tested for all parameters listed in Schedule 23 of the regulation.

During the inspection review period inorganic parameter samples were not collected or required from the Val Harbour Subdivision Drinking Water System. The most recent samples tested for all parameters listed in Schedule 23 of Ontario Regulation 170/03, were collected from the treated water at Val Harbour on August 7, 2024.

Question ID	DWMR1085001	**Question Type**	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 13-4 | (1); SDWA | O. Reg. 170/03 | 13-4 | (2); SDWA | O. Reg. 170/03 | 13-4 | (3);

Question:
Were organic parameter sampling requirements prescribed by Schedule 13-4 of O. Reg. 170/03 met?

Compliance Response(s)/Corrective Action(s)/Observation(s):
Organic parameter sampling requirements were met.

Pursuant to Subsection 13-4(3) of Schedule 13 of Ontario Regulation 170/03, the Owner and

Operating Authority of a small municipal residential drinking-water system must ensure that a treated water sample is collected every 60 months and tested for all parameters listed in Schedule 24 of the regulation.
During the inspection review period organic parameter samples were not collected or required from the Val Harbour Subdivision Drinking Water System. The most recent samples tested for all parameters listed in Schedule 24 of Ontario Regulation 170/03, were collected from the treated water at Val Harbour on August 7, 2024.

Question ID	DWMR1086001	**Question Type**	Legislative

Legislative Requirement(s):
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);

Question:
Were haloacetic acid sampling requirements prescribed by Schedule 13-6 of O. Reg. 170/03 met?

Compliance Response(s)/Corrective Action(s)/Observation(s):
Haloacetic acid sampling requirements were met.

Pursuant to Section 13-6.1 of Schedule 13 of Ontario Regulation 170/03, the Owner and Operating Authority of a drinking water system that uses chlorination or chloramination must ensure that at least one distribution system sample is collected in each calendar quarter from a location within the distribution system - or connected plumbing - where the potential for the formation of haloacetic acids (HAAs) is likely to be elevated. These samples must be tested for HAAs.

During the inspection review period, HAA samples from the Val Harbour Subdivision Drinking Water System distribution system were collected and submitted to an accredited laboratory for analysis on the following dates: May 5, 2025; August 5, 2025; and November 3, 2025. The average for HAA during the inspection review period was 12.8 ug/L. The minimum result for HAA during the inspection review period was 5.3 ug/L and the maximum result for HAA during the inspection review period was 19.7 ug/L.

Question ID	DWMR1087001	**Question Type**	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 13-6 | (1); SDWA | O. Reg. 170/03 | 13-6 | (2); SDWA | O. Reg. 170/03 | 13-6 | (3); SDWA | O. Reg. 170/03 | 13-6 | (4); SDWA | O. Reg. 170/03 | 13-6 | (5); SDWA | O. Reg. 170/03 | 13-6 | (6);

Question:
Were trihalomethane sampling requirements prescribed by Schedule 13-6 of O. Reg. 170/03 met?

Compliance Response(s)/Corrective Action(s)/Observation(s):
Trihalomethane sampling requirements were met.

Pursuant to Subsections 13-6(1) and 13-6(2) of Schedule 13 of Ontario Regulation 170/03, the Owner and Operating Authority of a drinking water system that uses chlorination must ensure that at least one distribution system sample is collected in each calendar quarter. The sample must be taken from a location within the distribution system - or connected plumbing - where the potential for the formation of trihalomethanes (THMs) is likely to be elevated and must be tested for THMs.

During the inspection review period THM samples from the Val Harbour Subdivision Drinking Water System distribution system were collected and submitted to an accredited laboratory for analysis on the following dates: May 5, 2025; August 5, 2025; and November 3, 2025. The average for THM during the inspection review period was 14.3 ug/L. The minimum result for THM during the inspection review period was 12 ug/L and the maximum result for THM during the inspection review period was 16 ug/L.

Question ID	DWMR1088001	**Question Type**	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 13-7;

Question:
Were nitrate/nitrite sampling requirements prescribed by Schedule 13-7 of O. Reg. 170/03 met?

Compliance Response(s)/Corrective Action(s)/Observation(s):
Nitrate/nitrite sampling requirements were met.

Pursuant to subsection 13-7 of Schedule 13 to Ontario Regulation 170/03, a municipality is required to ensure that at least one water sample is collected and analyzed for nitrate and nitrite every three months. Additionally, subsection 6-1.1(4) of Schedule 6 prescribes that such samples must be collected no earlier than 60 days and no later than 120 days following the date on which the previous sample for nitrate and nitrite was taken during the preceding three-month period or calendar quarter.

During the inspection review period nitrate/nitrite samples from the Val Harbour Subdivision Drinking Water System were collected and submitted to an accredited laboratory for analysis as required on the following dates as required: May 5, 2025; August 5, 2025; and November 3, 2025.

Question ID	DWMR1089001	**Question Type**	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 13-8;

Question:
Were sodium sampling requirements prescribed by Schedule 13-8 of O. Reg. 170/03 met?

Compliance Response(s)/Corrective Action(s)/Observation(s):
Sodium sampling requirements were met.

Pursuant to subsection 13-8 of Schedule 13 to Ontario Regulation 170/03, a municipality and operating authority are required to ensure that at least one water sample is collected and analyzed for sodium content within every 60-month period. Additionally, subsection 6-1.1(7) of Schedule 6 prescribes that such sodium sampling must occur no more than 90 days before or after the fifth anniversary of the date on which the previous sodium sample was collected within the preceding 60-month period.

During the inspection review period a sodium sample from the Val Harbour Subdivision Drinking Water System was collected and submitted to an accredited laboratory for analysis on August 5, 2025. A resample for sodium was collected on August 11, 2025. Elevated sodium levels are an ongoing issue for the Val Harbour Subdivision Drinking Water System.

Question ID	DWMR1090001	**Question Type**	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 13-9;

Question:
Where fluoridation is not practiced, were fluoride sampling requirements prescribed by Schedule 13-9 of O. Reg. 170/03 met?

Compliance Response(s)/Corrective Action(s)/Observation(s):
Fluoride sampling requirements were met.

Pursuant to subsection 13-9 of Schedule 13 of Ontario Regulation 170/03, a municipality and operating authority is required to ensure that at least one water sample is collected and analyzed for fluoride within every 60-month period. Furthermore, subsection 6-1.1(7) of Schedule 6 prescribes that such a fluoride sample must be taken no fewer than 90 days before or after the fifth anniversary of the date on which the previous fluoride sample was collected within the preceding 60-month interval.

During the inspection review period a fluoride sample from the Val Harbour Drinking Water System was not required or collected. The most recent fluoride sample was collected from the Val Harbour Drinking Water System on August 4, 2022 and submitted to an accredited laboratory for analysis.

Question ID	DWMR1104001	**Question Type**	Legislative

Legislative Requirement(s):
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);

Question:
Were immediate verbal notification requirements for adverse water quality incidents met?

Compliance Response(s)/Corrective Action(s)/Observation(s):
Immediate verbal notification requirements for adverse water quality incidents were met.

A single Adverse Water Quality Incident (AWQI) occurred during the inspection review period for a sodium result above 20 mg/L as per Schedule 16-3 (1) 8. of Schedule 16 of Ontario Regulation 170/03. The Operating Authority promptly reported the exceedance to both the Simcoe Muskoka District Health Unit and the Spills Action Centre as required.

Question ID	DWMR1102001	Question Type	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 18-10 | (1); SDWA | O. Reg. 170/03 | 18-11; SDWA | O. Reg. 170/03 | 18-12; SDWA | O. Reg. 170/03 | 18-13; SDWA | O. Reg. 170/03 | 18-14; SDWA | O. Reg. 170/03 | 18-2; SDWA | O. Reg. 170/03 | 18-3; SDWA | O. Reg. 170/03 | 18-4; SDWA | O. Reg. 170/03 | 18-5; SDWA | O. Reg. 170/03 | 18-6; SDWA | O. Reg. 170/03 | 18-9;

Question:
For small municipal residential systems, were corrective actions, including any steps directed by the Medical Officer of Health, taken to address adverse conditions?

Compliance Response(s)/Corrective Action(s)/Observation(s):
Corrective actions were taken to address adverse conditions.

During the inspection review period a single Adverse Water Quality Incident (AWQI) was reported on August 8, 2025. This incident was due to a sodium concentration of 23.9 mg/L detected in a sample collected on August 5, 2025, exceeding the reporting limit of 20 mg/L. The owner promptly collected a resample on August 11, 2025, which confirmed the exceedance with a result of 24.2 mg/L. The results were posted on the Township of Ramara website, a memo sent to Council and notices were mailed out with the next water bill to consumers. The Simcoe Muskoka District Health Unit required no additional actions be taken.

Question ID	DWMR1060001	Question Type	Legislative

Legislative Requirement(s):
SDWA | 31 | (1);

Question:
Did the operations and maintenance manual(s) meet the requirements of the Municipal Drinking Water Licence?

Compliance Response(s)/Corrective Action(s)/Observation(s):
The operations and maintenance manual(s) met the requirements of the Municipal Drinking Water Licence.

Pursuant to Condition 16.2 of Municipal Drinking Water Licence 147-105 (Issue 5), the Operations Manual for the Val Harbour Subdivision drinking water system must include the

following elements:
• 16.2.1: The requirements of the licence and associated procedures;
• 16.2.2: The requirements of the Drinking Water Works Permit;
• 16.2.3: A description of the processes used to achieve primary and secondary disinfection, including:
a) CT calculations used under worst-case operating conditions;
b) Validated operating conditions for UV disinfection equipment, including the validation certificate (if applicable);
• 16.2.4: Procedures for monitoring and recording in-process parameters necessary for treatment control and performance assessment;
• 16.2.5: Procedures for the operation and maintenance of monitoring equipment;
• 16.2.6: Contingency plans and procedures for ensuring adequate equipment and materials during emergencies, upsets, or equipment failures;
• 16.2.7: Procedures for managing and documenting complaints related to the drinking water system;
• 16.2.8: An inspection schedule for all wells, including production, standby, test, and monitoring wells;
• 16.2.9: Well inspection and maintenance procedures for all above and below grade components;
• 16.2.10: Remedial action plans for addressing non-compliance or risks to raw well water quality identified during inspections.

The Operations Manual for the Val Harbour Subdivision Drinking Water System appears to include all required elements as prescribed.

Question ID	DWMR1062001	**Question Type**	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 7-5;

Question:
Did records or other record keeping mechanisms confirm that operational testing not performed by continuous monitoring equipment was done by a certified operator, water quality analyst, or person who met the requirements of Schedule 7-5 of O. Reg. 170/03?

Compliance Response(s)/Corrective Action(s)/Observation(s):
Records or other record keeping mechanisms confirmed that operational testing not performed by continuous monitoring equipment was done by a certified operator, water quality analyst, or person who met the requirements of Schedule 7-5 of O. Reg. 170/03.

Pursuant to Subsection 7-5(1) of Schedule 7 of Ontario Regulation 170/03, chlorine residual and turbidity tests that are not performed using continuous monitoring equipment must be conducted by a certified operator or a certified water quality analyst.
A review of records from the inspection review period confirmed that all manual chlorine residual and turbidity tests were performed by certified operators, in accordance with the regulatory requirements.

The third party who completed the maintenance and cleaning of the reservoirs had a Class 1 Certified Operator to perform chlorine and turbidity measurements.

Question ID	DWMR1071001	Question Type	BMP

Legislative Requirement(s):
Not Applicable

Question:
Did the owner provide security measures to protect components of the drinking water system?

Compliance Response(s)/Corrective Action(s)/Observation(s):
The owner provided security measures to protect components of the drinking water system.

According to the 'Ten State Standards' (Recommended Standards for Water Works, 2012) and the Ministry of the Environment's Design Guidelines for Drinking Water Systems (2008), finished water storage facilities should be secured through fencing or equivalent protective measures. These standards further recommend the installation of locks on valve and vent housings, access hatches, and the implementation of additional safeguards such as entry alarms to deter unauthorized access, vandalism, and sabotage.
The Val Harbour Subdivision Drinking Water System treatment building is locked with a locked fenced area behind the building where the access hatches for the reservoirs and Well 2 are located. The hatches, all three wells and the sample stations are locked. The building is alarmed for forced entry. There are no storage structures within the Val Harbour Subdivision distribution system.

Question ID	DWMR1073001	Question Type	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 128/04 | 23 | (1);

Question:
Was an overall responsible operator designated for all subsystems which comprise the drinking water system?

Compliance Response(s)/Corrective Action(s)/Observation(s):
An overall responsible operator was designated for all subsystem.

Pursuant to Subsection 23(1) of Ontario Regulation 128/04, a municipal residential drinking water system must have a designated Overall Responsible Operator (ORO). The ORO must hold a valid operator certificate for the applicable type of subsystem, at a class equal to or higher than that of the subsystem.
The Val Harbour Subdivision Drinking Water System is categorized as a Limited Ground Water system under Ontario Regulation 128/04. The Overall Responsible Operator is designated for the entire system. The Operator acting as the ORO is indicated in the electronic logbook on each day that entries are made.

Question ID	DWMR1074001	Question Type	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 128/04 | 25 | (1);

Question:
Were operators-in-charge designated for all subsystems which comprise the drinking water system?

Compliance Response(s)/Corrective Action(s)/Observation(s):
Operators-in-charge were designated for all subsystems.

Pursuant to Subsection 25(1) of Ontario Regulation 128/04, one or more operators must be designated as Operators-in-Charge (OIC) of a municipal residential drinking water system. Subsection 25(5) further specifies that individuals holding only an Operator-in-Training certificate are not eligible to be designated as OICs. The duties and responsibilities of an OIC are outlined in Section 26 of the same regulation.
The Val Harbour Subdivision Drinking Water System is categorized as a Limited Ground Water system under Ontario Regulation 128/04. The Operators in Charge (OIC) are designated for the entire system. The Operators acting as the OIC are indicated in the electronic logbook on each day that entries are made.

Question ID	DWMR1075001	Question Type	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 128/04 | 22;

Question:
Were all operators certified as required?

Compliance Response(s)/Corrective Action(s)/Observation(s):
All operators were certified as required.

Pursuant to Section 22 of Ontario Regulation 128/04, the owner or operating authority of a subsystem must ensure that every operator employed in the subsystem holds:
• (a) A certificate applicable to that type of subsystem; or
• (b) A certificate applicable to the subsystem, in the case of an operator holding a conditional certificate issued or renewed under Section 10.

A review of operator qualifications during the inspection confirmed that all operators employed in the subsystem hold appropriate and valid certification in accordance with these requirements.

Question ID	DWMR1076001	Question Type	Legislative

Legislative Requirement(s):
SDWA | O. Reg. 170/03 | 1-2 | (2);

Question:
Were adjustments to the treatment equipment only made by certified operators?

Compliance Response(s)/Corrective Action(s)/Observation(s):
Adjustments to the treatment equipment were only made by certified operators.

Pursuant to Subsection 1-2(2), paragraph 5 of Schedule 1 of Ontario Regulation 170/03, adjustments to water treatment equipment must be made only by certified operators.

A review of pumphouse logbook entries for the inspection review period indicated that all adjustments to treatment equipment, while it was in service, was carried out exclusively by certified operators, in accordance with this requirement.

Inspection Rating Record

Ministry of the Environment, Conservation and Parks - Inspection Summary Rating Record (Reporting Year - 2025-26)

DWS Name:	VAL HARBOUR SUBDIVISION DRINKING WATER SYSTEM
DWS Number:	220010690
DWS Owner:	CORPORATION OF THE TOWNSHIP OF RAMARA
Municipal Location:	RAMARA
Regulation:	O.REG. 170/03
DWS Category:	DW Municipal Residential
Type of Inspection:	Focused
Compliance Assessment Start Date:	Nov-3-2025
Ministry Office:	Barrie District Office

Maximum Risk Rating: 464

Inspection Module	Non Compliance Risk (X out of Y)
Capacity Assessment	0/30
Certification and Training	0/42
Logbooks	0/14
Operations Manuals	0/14
Reporting & Corrective Actions	0/66
Source	0/14
Treatment Processes	0/193
Water Quality Monitoring	0/91
Overall - Calculated	**0/464**

Inspection Risk Rating:	**0.00%**

Final Inspection Rating:	**100.00%**

Inspection Rating Record Generated On 2026-02-03 (Inspection ID: 1-1434393245)

DWS Name:	VAL HARBOUR SUBDIVISION DRINKING WATER SYSTEM
DWS Number:	220010690
DWS Owner Name:	CORPORATION OF THE TOWNSHIP OF RAMARA
Municipal Location:	RAMARA
Regulation:	O.REG. 170/03
DWS Category:	DW Municipal Residential
Type of Inspection:	Focused
Compliance Assessment Start Date:	Nov-3-2025
Ministry Office:	Barrie District Office

All legislative requirements were met. No detailed rating scores.

Maximum Question Rating: 464

Inspection Risk Rating:	**0.00%**

FINAL INSPECTION RATING:	**100.00%**

Stakeholder Appendix

February 2, 2023

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 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/page/drinking-water

Click on the publication below to access it

- Drinking Water System Profile Information Form - 012-2149E
- Laboratory Services Notification Form – 012-2148E
- Adverse Test Result Notification Form – 012-4444E
- Taking Care of Your Drinking Water: A Guide for Members of Municipal Councils
- Procedure for Disinfection of Drinking Water in Ontario
- Strategies for Minimizing the Disinfection Products Trihalomethanes and Haloacetic Acids
- Filtration Processes Technical Bulletin
- Ultraviolet Disinfection Technical Bulletin
- Guide for Applying for Drinking Water Works Permit Amendments, & License Amendments
- Certification Guide for Operators and Water Quality Analysts
- Training Requirements for Drinking Water Operator
- Community Sampling and Testing for Lead: Standard and Reduced Sampling and Eligibility for Exemption
- Drinking Water System Contact List – 7128E01
- Ontario's Drinking Water Quality Management Standard - Pocket Guide
- 2020 Watermain Disinfection Procedure
- List of Licensed Laboratories