Ministry of the Environment, Conservation and Parks Eastern Region Peterborough District Office 300 Water Street 2nd Floor, South Tower Peterborough ON K9J 3C7 Ministère de l'Environnement, de la Protection de la nature et des Parcs Région de l'Est Bureau du district de Peterborough 300, rue Water 2º étage, Tour Sud Peterborough (Ontario) K9J 3C7



June 7, 2023.

Mr. Mike Timmins,
Director Of Public Works
7 Milne Street, Post Office Box Delivery ,359, Minden, ON K0M 2K0

#### RE: 2021/22 Minden Drinking Water System Inspection Report 1-204083275

Please see the attached Ministry of the Environment, Conservation and Parks inspection report for the compliance inspection initiated on Minden Drinking Water System on April 25, 2023.

A section of the report entitled **NON-COMPLIANCE** are typically linked to incidents of non-compliance with regulatory requirements contained within the Environmental Compliance Approval and its associated Acts and Regulations. It should be noted that were no violations identified during this inspection.

Another section of the report entitled **NON-CONFORMANCE** conveys information that the owner or operating authority should consider implementing to advance efforts already in place. Please note that items which appear as recommendations do not, in themselves, constitute violations.

Thank you for the assistance afforded to me during this compliance assessment. Please do not hesitate to call me at 705-768-9502 or Ms. Jacqueline Fuller, Supervisor, Safe Drinking Water Branch 705-768-0423, should you have any questions or concerns regarding the above.

Yours truly,

Corey Biswanger Water Inspector Peterborough District Office

Enclosure (1)

Cc: Trisha McKibbin, Cao/Clerk, Township of Minden Hills
Natalie Bocking, Medical Officer of Health, HKPR District Health Unit
Mark Majchrowski, Director, Watershed Management, Kawartha Conservation
Rhonda Bateman, CAO, Lower Trent Conservation
Christine Craig, Process & Compliance Technician, OCWA
Jeremy Manning, Senior Operations Manager, OCWA





#### MINDEN DRINKING WATER SYSTEM 142 BOBCAYGEON RD, MINDEN HILLS, ON, KOM 2KO

### **INSPECTION REPORT**

System Number: 210000194

Entity: ONTARIO CLEAN WATER

**AGENCY** 

Inspection Start Date: April 24, 2023 Inspection End Date: June 07, 2023

Inspected By: Corey Biswanger

Badge #: 1814

Ministry of the Environment, Conservation and Parks

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



(signature)



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### **Appendix:**

A. Stakeholders Appendix



#### **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.

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#### **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.

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#### **INSPECTION DETAILS**

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

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

| Question ID                                | DWMR1001000             | Question Type | Information |
|--|-------------------------|---------------|-------------|
| Legislative Requirement(s): Not Applicable |                         |               |             |
| Question:<br>What was the sco              | ppe of this inspection? |               |             |

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

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.

This announced focused inspection cover the time between May 12, 2022 to April 25, 2023.

| Question ID  | DWMR1000000                | Question Type      | Information |  |  |
|--|----------------------------|--------------------|-------------|--|--|
| Legislative Requirement(s):  |                            |                    |             |  |  |
| Not Applicable   |                            |                    |             |  |  |
| Question:  |                            |                    |             |  |  |
| Does this drinking   | g water system provide pri | mary disinfection? |             |  |  |
| Compliance Response(s)/Corrective Action(s)/Observation(s):  |                            |                    |             |  |  |
| This drinking water system provides for both primary and secondary disinfection and distribution of water. |                            |                    |             |  |  |

| Question ID                        | DWMR1007000 | Question Type | Legislative |  |
|------------------------------------|-------------|---------------|-------------|--|
| Legislative Requirement(s):        |             |               |             |  |
| SDWA   O. Reg. 170/03   1-2   (1); |             |               |             |  |

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#### Question:

Is 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.

| Question ID                 | DWMR1009000 | Question Type | Legislative |
|-----------------------------|-------------|---------------|-------------|
| Legislative Requirement(s): |             |               |             |

SDWA | 31 | (1);

#### Question:

Are measures in place to protect the groundwater and/or GUDI source in accordance with any MDWL and DWWP issued under Part V of the SDWA?

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

Measures were in place to protect the groundwater and/or GUDI source in accordance with the Municipal Drinking Water Licence and Drinking Water Works Permit issued under Part V of the SDWA.

This system is in a source water protection zone.

| Question ID                 | DWMR1014000 | Question Type | Legislative |  |
|-----------------------------|-------------|---------------|-------------|--|
| Legislative Requirement(s): |             |               |             |  |
| SDWA   31   (1);            |             |               |             |  |

#### Question:

Is there sufficient monitoring of flow as required by the MDWL or DWWP issued under Part V of the SDWA?

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

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.

| Question ID                                  | DWMR1016000 | Question Type | Legislative |
|--|-------------|---------------|-------------|
| Legislative Requirement(s): SDWA   31   (1); |             |               |             |
| SDWA   ST   (1),                             |             |               |             |

#### Question:

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?

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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.

| Question ID                 | DWMR1018000 | <b>Question Type</b> | Legislative |  |
|-----------------------------|-------------|----------------------|-------------|--|
| Legislative Requirement(s): |             |                      |             |  |
| SDWA   31   (1);            |             |                      |             |  |

#### Question:

Has the owner ensured that all equipment is 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 had ensured that all equipment was installed in accordance with Schedule A and Schedule C of the Drinking Water Works Permit.

| Question ID                 | DWMR1114000      | <b>Question Type</b> | Legislative |  |
|-----------------------------|------------------|----------------------|-------------|--|
| Legislative Requirement(s): |                  |                      |             |  |
| SDWA   31   (1);            | SDWA   31   (1); |                      |             |  |

#### Question:

Does the owner have evidence that, when required, all legal owners associated with the DWS were notified of the requirements of the Licence & Permit?

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

The owner had evidence that required notifications to all legal owners associated with the Drinking Water System had been made during the inspection period.

| Question ID                        | DWMR1023000 | Question Type | Legislative |  |
|------------------------------------|-------------|---------------|-------------|--|
| Legislative Requirement(s):        |             |               |             |  |
| SDWA   O. Reg. 170/03   1-2   (2); |             |               |             |  |

#### Question:

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?

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Records indicated that the treatment equipment was operated in a manner that achieved the design capabilities required under O. Reg. 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.

Records provided during the document review indicated that the Minden drinking water system had been operated in a manner to meet the design capabilities required under Ontario Regulation 170/03. Records reviewed included chlorine residuals at the point where primary disinfection had been achieved, logbooks, certificates of analysis, secondary disinfection residuals, and operator certificates.

| Question ID                        | DWMR1024000 | Question Type | Legislative |  |
|------------------------------------|-------------|---------------|-------------|--|
| Legislative Requirement(s):        |             |               |             |  |
| SDWA   O. Reg. 170/03   1-2   (2); |             |               |             |  |

#### Question:

Do records confirm that the water treatment equipment which provides chlorination or chloramination for secondary disinfection purposes 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 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.

| Question ID   | DWMR1033000 | Question Type | Legislative |  |
|---|-------------|---------------|-------------|--|
| Legislative Requirement(s):   |             |               |             |  |
| SDWA   O. Reg. 170/03   7-2   (3); SDWA   O. Reg. 170/03   7-2   (4); |             |               |             |  |
| Question:   |             |               |             |  |

Is the secondary disinfectant residual measured as required for the large municipal residential distribution system?

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

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

| Question ID   | DWMR1030000 | Question Type | Legislative |  |
|---|-------------|---------------|-------------|--|
| Legislative Requirement(s):   |             |               |             |  |
| SDWA   O. Reg. 170/03   7-2   (1); SDWA   O. Reg. 170/03   7-2   (2); |             |               |             |  |

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#### Question:

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?

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

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.

| Question ID                | DWMR1035000 | Question Type | Legislative |  |
|----------------------------|-------------|---------------|-------------|--|
| Legislative Requirement(s) |             |               |             |  |

#### Legislative Requirement(s):

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

#### Question:

Are operators examining continuous monitoring test results and are they examining the results within 72 hours of the test?

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

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

| Question ID                 | DWMR1038000 | Question Type | Legislative |  |
|-----------------------------|-------------|---------------|-------------|--|
| Legislative Requirement(s): |             |               |             |  |

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

#### Question:

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?

#### 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 specified in the Table in Schedule 6 of O. Reg. 170/03 and recording data with the prescribed format.

| Question ID   | DWMR1037000 | 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; SDWA   O. Reg. |             |               |             |  |
| 170/03   6-5   (1.1   | 1);         |               |             |  |

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#### Question:

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?

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

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.

It was confirmed during the inspection that the low chlorine alarm set points are 0.65 mg/L for the low and 0.55 mg/L for the low low set point. A low low chlorine reading will shut the wells off.

| Question ID | DWMR1040000 | 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:

Are 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, in accordance with the manufacturer's instructions or the regulation.

| Question ID | DWMR1099000 | Question Type | Information |
|-------------|-------------|---------------|-------------|
|             |             |               |             |

#### Legislative Requirement(s):

Not Applicable

#### Question:

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)?

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

Records showed 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).

| Question ID   DWMR1081000   Question Type   Legislative |
|---|
|---|

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#### Legislative Requirement(s):

SDWA | O. Reg. 170/03 | 10-2 | (1); SDWA | O. Reg. 170/03 | 10-2 | (2); SDWA | O. Reg. 170/03 | 10-2 | (3);

#### Question:

For LMR systems, are all microbiological water quality monitoring requirements for distribution samples being met?

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

All microbiological water quality monitoring requirements prescribed by legislation for distribution samples in a large municipal residential system were being met.

| Question ID                   | DWMR1083000 | <b>Question Type</b> | Legislative |
|-------------------------------|-------------|----------------------|-------------|
| Legislative Requirement(s):   |             |                      |             |
| SDWA   O. Reg. 170/03   10-3; |             |                      |             |

#### Question:

For LMR systems, are all microbiological water quality monitoring requirements for treated samples being met?

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

All microbiological water quality monitoring requirements prescribed by legislation for treated samples were being met.

| Question ID      | DWMR1096000         | Question Type | Legislative |
|------------------|---------------------|---------------|-------------|
| Legislative Requ | uirement(s):        |               |             |
| SDWA   O. Reg.   | 170/03   6-3   (1); |               |             |

#### Question:

Do records confirm that chlorine residual tests are being conducted at the same time and at the same location that microbiological samples are obtained?

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

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                   | DWMR1084000 | <b>Question Type</b>       | Legislative            |  |
|-------------------------------|-------------|----------------------------|------------------------|--|
| Legislative Requirement(s):   |             |                            |                        |  |
| SDWA   O. Reg. 170/03   13-2; |             |                            |                        |  |
| Question:                     |             |                            |                        |  |
| A                             |             | ما ينظ ام مطائسم مستسب مست | saialatian aanalustaal |  |

Are all inorganic water quality monitoring requirements prescribed by legislation conducted within the required frequency?

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

| Question ID D | DWMR1085000 | <b>Question Type</b> | 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:

Are all organic water quality monitoring requirements prescribed by legislation conducted within the required frequency?

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

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

| Question ID | DWMR1086000      | Question Type  | Legislative |
|-------------|------------------|----------------|-------------|
| QUESTION ID | DVVIVITY TOOODOO | wucsiioii iypc | Legisialive |

#### 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:

Are all haloacetic acid water quality monitoring requirements prescribed by legislation conducted within the required frequency and at the required location?

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

All haloacetic acid water quality monitoring requirements prescribed by legislation were conducted within the required frequency and at the required location.

 Question ID
 DWMR1087000
 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:

Have all trihalomethane water quality monitoring requirements prescribed by legislation been conducted within the required frequency and at the required location?

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All trihalomethane water quality monitoring requirements prescribed by legislation were conducted within the required frequency and at the required location.

| Question ID      | DWMR1088000  | Question Type | Legislative |
|------------------|--------------|---------------|-------------|
| Legislative Requ | uirement(s): |               |             |

SDWA | O. Reg. 170/03 | 13-7;

#### Question:

Are all nitrate/nitrite water quality monitoring requirements prescribed by legislation conducted within the required frequency for the DWS?

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

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

| Question ID                   | DWMR1089000 | <b>Question Type</b> | Legislative |  |
|-------------------------------|-------------|----------------------|-------------|--|
| Legislative Requirement(s):   |             |                      |             |  |
| SDWA   O. Reg. 170/03   13-8: |             |                      |             |  |

#### Question:

Are all sodium water quality monitoring requirements prescribed by legislation conducted within the required frequency?

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

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

**Question ID** DWMR1090000 **Question Type** Legislative Legislative Requirement(s): SDWA | O. Reg. 170/03 | 13-9;

#### Question:

Where fluoridation is not practiced, are all fluoride water quality monitoring requirements prescribed by legislation conducted within the required frequency?

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

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

| Question ID | DWMR1094000 | <b>Question Type</b> | Legislative |
|-------------|-------------|----------------------|-------------|
|-------------|-------------|----------------------|-------------|

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#### Legislative Requirement(s):

SDWA | 31 | (1);

#### Question:

Are all water quality monitoring requirements imposed by the MDWL and DWWP being met?

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

All water quality monitoring requirements imposed by the MDWL or DWWP issued under Part V of the SDWA were being met.

| Question ID   DWMR1101000   Question Type   Legislative |
|---|
|---|

#### Legislative Requirement(s):

SDWA | O. Reg. 170/03 | 17-1; SDWA | O. Reg. 170/03 | 17-10 | (1); 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;

#### Question:

For LMR Systems, have corrective actions (as per Schedule 17 of O. Reg. 170/03) been taken to address adverse conditions, including any other steps as directed by the Medical Officer of Health?

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

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

| Question ID | DWMR1104000 | 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 all required verbal notifications of adverse water quality incidents immediately provided as per O. Reg. 170/03 16-6?

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

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

| Question ID | DWMR1113000     | Question Type | I egislative |
|-------------|-----------------|---------------|--------------|
| Question ib | טעעעוו אוואוועט | Question Type | Legisiative  |

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#### Legislative Requirement(s):

SDWA | O. Reg. 170/03 | 10.1 | (3);

#### Question:

Have all changes to the system registration information been provided to the Ministry within ten (10) days of the change?

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

All changes to the system registration information were provided within ten (10) days of the change.

#### Legislative Requirement(s):

SDWA | O. Reg. 128/04 | 28;

#### Question:

Do the operations and maintenance manuals contain plans, drawings and process descriptions sufficient for the safe and efficient operation of the system?

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

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

| Legislative Requ | uirement(s): |               |             |
|------------------|--------------|---------------|-------------|
| Question ID      | DWMR1060000  | Question Type | Legislative |

SDWA | 31 | (1);

#### Question:

Do the operations and maintenance manuals meet the requirements of the DWWP and MDWL issued under Part V of the SDWA?

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

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 IDDWMR1061000Question TypeLegislative

#### **Legislative Requirement(s):**

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);

#### Question:

Are logbooks properly maintained and contain the required information?

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Logbooks were properly maintained and contained the required information.

| Question ID                  | DWMR1062000  | <b>Question Type</b> | Legislative |  |
|------------------------------|--------------|----------------------|-------------|--|
| Legislative Requ             | uirement(s): |                      |             |  |
| SDWA   O. Reg. 170/03   7-5; |              |                      |             |  |

#### Question:

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. Reg. 170/03 7-5?

#### **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 being done by a certified operator, water quality analyst, or person who suffices the requirements of O. Reg. 170/03 7-5.

| Question ID                 | DWMR1071000 | <b>Question Type</b> | ВМР |  |
|-----------------------------|-------------|----------------------|-----|--|
| Legislative Requirement(s): |             |                      |     |  |
| Not Applicable              |             |                      |     |  |

Not Applicable

#### Question:

Has the owner provided security measures to protect components of the drinking water system?

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

The owner had provided security measures to protect components of the drinking water system.

| Question ID                       | DWMR1073000 | Question Type | Legislative |  |
|-----------------------------------|-------------|---------------|-------------|--|
| Legislative Requirement(s):       |             |               |             |  |
| SDWA   O. Reg. 128/04   23   (1); |             |               |             |  |

#### Question:

Has the overall responsible operator been designated for all subsystems which comprise the drinking water system?

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

The overall responsible operator had been designated for each subsystem.

| Question ID                       | DWMR1074000 | Question Type | Legislative |  |
|-----------------------------------|-------------|---------------|-------------|--|
| Legislative Requirement(s):       |             |               |             |  |
| SDWA   O. Reg. 128/04   25   (1); |             |               |             |  |

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#### Question:

Have operators-in-charge been designated for all subsystems which comprise the drinking water system?

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

Operators-in-charge had been designated for all subsystems which comprise the drinking water system.

| Question ID   | DWMR1075000 | <b>Question Type</b> | Legislative |  |
|---|-------------|----------------------|-------------|--|
| Legislative Requirement(s):<br>SDWA   O. Reg. 128/04   22;  |             |                      |             |  |
| Question:  Do all operators possess the required certification?   |             |                      |             |  |
| Compliance Response(s)/Corrective Action(s)/Observation(s): All operators possessed the required certification. |             |                      |             |  |

| Question ID  | DWMR1076000 | Question Type | Legislative |  |
|--|-------------|---------------|-------------|--|
| Legislative Requirement(s):  |             |               |             |  |
| SDWA   O. Reg. 170/03   1-2   (2);                                       |             |               |             |  |
| Question:  |             |               |             |  |
| Do only certified operators make adjustments to the treatment equipment? |             |               |             |  |
| Compliance Response(s)/Corrective Action(s)/Observation(s):              |             |               |             |  |
| Only certified operators made adjustments to the treatment equipment.    |             |               |             |  |

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## APPENDIX A STAKEHOLDER APPENDIX

# **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  | 012-2149E          |
| Laboratory Services Notification   | 012-2148E          |
| Adverse Test Result Notification   | 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            |



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 cidessous 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<br>PUBLICATION |
|---|--------------------------|
| Renseignements sur le profil du réseau d'eau potable  | 012-2149F                |
| Avis de demande de services de laboratoire  | 012-2148F                |
| Avis de résultats d'analyse insatisfaisants et de règlement des problèmes   | 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                 |