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## AGENDA

**SOURCE PROTECTION AUTHORITY    April 28, 2022    6:30 pm 1/22    Page**

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- 1.0    Agenda Review**
- 2.0    Adoption of Agenda**
- 3.0    Declaration of Interest**
- 4.0    Approval of Minutes from October 28, 2021**  
Attached as a separate document
- 5.0    Source Protection Annual Progress Report**  
Staff Report Attached..... 1-2
- 6.0    Risk Management Official Annual Reports**  
Staff Report Attached..... 3-10
- 7.0    Member Inquiries**
- 8.0    New Business**
- 9.0    Upcoming Meetings**  
To be determined
- 10.0    Adjournment**

**Proudly working in partnership  
with our 18 watershed municipalities**

Athens, Augusta, Beckwith, Central Frontenac, Clarence-Rockland,  
Drummond/North Elmsley, Elizabethtown-Kitley, Merrickville-Wolford, Montague,  
North Dundas, North Grenville, Ottawa, Perth, Rideau Lakes, Smiths Falls, South Frontenac, Tay Valley, Westport

## 5.0 Source Protection Annual Progress Report

**Date:** April 28, 2022  
**To:** Rideau Valley Source Protection Authority  
**From:** Laura Cummings, Project Manager  
Mississippi-Rideau Source Protection Region

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### **Recommendation:**

That the Rideau Valley Source Protection Authority receive the 2021 Source Protection Annual Progress Report (public facing report and supplemental form), including the Source Protection Committee comments and grading;

And further, that the Rideau Valley Source Protection Authority direct staff to submit the Annual Progress Report (public and supplemental form) to the Ministry of the Environment, Conservation and Parks as required by the Clean Water Act and Regulations.

### **Annual Reporting Requirements**

The *Clean Water Act* (Section 46) requires the Annual Progress Report to be prepared and:

- Describe measures taken to implement the Plan
- Describe the results of monitoring programs
- Describe extent to which objectives set out in the plan are being achieved
- Contain other information as prescribed by the regulations

Ontario Regulation 287/07 (Section 52) describes other information to be included:

- Description and reasons for policy delays
- Description of steps taken to address deficiencies in information
- Summary of the report prepared and submitted by the RMO each year
- Any other information the SPA considers advisable

### **Background**

The Source Protection Authorities are required to submit an Annual Progress Report each year, under Section 46 Ontario's *Clean Water Act*. The report is to be submitted to the Ministry of Environment, Conservation and Parks (MECP) by May 1 of each year and is to be provided to the SPC for comment at least 30 days prior to this. The report summarizes:

- Measures taken to implement the source protection plan;
- Results of monitoring policies;

- The extent to which objectives of the plan are being achieved; and,
- Other information that might be required by the regulation.

There are two components of the progress reporting, a public facing report document and a supplemental reporting form that is to be provided directly to the MECP.

This is the fifth Annual Progress Report since the Source Protection Plan came into effect on January 1, 2015. The previous four Annual Progress Reports were submitted on May 1<sup>st</sup> of 2018, 2019, 2020, and 2021.

### **Public Facing Annual Progress Report**

The public portion of the Annual Progress Report includes an introductory section which includes Source Protection Committee comments, information about the Mississippi-Rideau Source Protection Region, and an overall 'grade' for the region in achieving source protection plan objectives. Where the form asks for grading, there were three options for the SPC:

- P: Progressing Well/On Target, meaning that the majority of the source protection plan policies have been implemented and/or are progressing
- S: Satisfactory, meaning that some of the source protection plan policies have been implemented and/or are progressing
- L: Limited progress, meaning that a few of the source protection plan policies have been implemented and/or are progressing

There are ten general sections in the public report, that pull information from the MECP supplemental reporting form.

### **Annual Progress Reporting Supplemental Form For Source Protection**

This form is meant to provide a standardized form across the province for sharing critical information from the source protection authorities on implementation progress. It is to be completed and provided to the MECP by May 1, 2022.

### **Separate Attachments**

1. Source Protection Annual Progress Report—Public Facing Document
2. Annual Progress Reporting Supplemental Form

## 6.0 Risk Management Official Annual Reports

**Date:** April 28, 2022  
**To:** Rideau Valley Source Protection Authority  
**From:** Laura Cummings, Project Manager  
Mississippi-Rideau Source Protection Region

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### **Recommendation:**

That the Rideau Valley Source Protection Authority receive for information the Risk Management Official Annual Reports for the 2021 calendar year.

### **Background**

The Mississippi-Rideau Source Protection Plan contains some policies that regulate significant drinking water threats using Part IV of the *Clean Water Act*. Municipalities are responsible for these Part IV policies however they have the option of transferring their enforcement authority to another body. In the Mississippi-Rideau Source Protection Region, all municipalities except the City of Ottawa have chosen to transfer their Part IV enforcement authority to the Source Protection Authorities (SPA) which is the Conservation Authorities. Qualified staff with specialized training have been appointed by the Source Protection Authority or Municipality to implement Part IV Policies in our region.

### **Risk Management Official Annual Reports**

Section 81 of the *Clean Water Act* requires each Risk Management Official to submit an annual report that summarizes the actions taken by risk management staff. Each report applies to a calendar year and must be submitted to the SPA by February 1 in the year following the year to which the report applies. The report will be submitted to MECP if requested by the Director. Section 65 of the *Clean Water Act* Regulation 287/07 sets out the required content of the report.

Outside the City of Ottawa, the focus of 2021 was to work with property owners to establish Risk Management Plans for existing activities where required. Risk management staff completed work reaching out to property owners, conducting site visits, and cataloguing the information gathered.

In the City of Ottawa, Risk Management staff retained assistance from the Mississippi-Rideau Source Protection Region to support Part IV policy implementation for existing significant drinking water threat activities. Risk Management staff reached out to property owners, conducted site visits, and began work on Risk Management Plans for existing activities.

**Attachments:**

- Risk Management Official Annual Reports for 2021
- 1. Rideau Valley Source Protection Area (2 reports)
- 2. Mississippi Valley Source Protection Area (2 reports)

**Risk Management Official Annual Report  
for the Rideau Valley Source Protection Area**  
Required under Section 81 of the *Clean Water Act*

**Risk Management Official (RMO):** Brian Stratton, P. Eng.

**Period:** January 1 - December 31, 2021

**Source Protection Region:** Mississippi-Rideau

**Source Protection Area:** Rideau Valley

**Municipalities:**

- Township of Drummond / North Elmsley
- Township of Merrickville-Wolford
- Montague Township
- Municipality of North Grenville
- Town of Perth
- Township of Rideau Lakes
- Town of Smiths Falls
- Tay Valley Township
- Village of Westport

<b>Required Report Content</b> (under section 65 of O. Reg. 287/07)		<b>Number</b>	<b>Details</b>
1	Risk Management Plans agreed to by the RMO under subsection 56(1) or 58(5) of the Act and the number of plans established by the RMO under subsection 56(6), 58(10) or (12) of the Act	3	See below
2	Risk Management Plans the RMO refused to agree to or to establish under subsection 56(9), 58(15) or (16)	0	n/a
3	Orders issued under Part IV of the Act	0	n/a
4	Notices given to or by the RMO under subsection 61(2), (7) and (10)	0	n/a
5	Inspections carried out under section 62 of the Act (for the purpose of enforcement)	0	n/a
6	Risk assessments submitted under section 60 of the Act	0	n/a
7	RMO caused a thing to be done under section 64 of the Act	0	n/a
8	Prosecutions and convictions under section 106 of the Act	0	n/a

**Description of Work Conducted in 2021 in the Rideau Valley Source Protection Area (Outside the City of Ottawa)**

Our Risk Management staff worked with property owners to develop Risk Management Plans for the handling and storage of dense non-aqueous phase liquids (DNAPLs) in the Rideau Valley Source Protection Area (outside of the City of Ottawa), specifically in North Grenville.

**Details of Risk Management Plans Agreed To:**

<b>RMP Ref. #</b>	<b>Location</b>	<b>Vulnerable Area</b>	<b>Activity</b>
NG-17-DNAPL	07197210150553000000	Kemptville	Storage of DNAPLs
NG-18-DNAPL	07197160402220500000	Kemptville	Storage of DNAPLs
NG-19-DNAPL	07197160350200300000	Kemptville	Storage of DNAPLs

# Risk Management Official Annual Report for the Mississippi-Rideau Source Protection Region

Required under Section 81 of the *Clean Water Act*

**Risk Management Official (RMO):** Tessa Di Iorio, M.Sc., P.Geo.

**Period:** January 1- December 31, 2021

**Source Protection Region:** Mississippi-Rideau

**Source Protection Area:** Rideau

**Municipality:** The City of Ottawa

Required Report Content (under section 65 of O. Reg. 287/07)		Number	Details
1	Risk Management Plans agreed to by the RMO under subsection 56(1) or 58(5) of the Act and the number of plans established by the RMO under subsection 56(6), 58(10) or (12) of the Act	4	See Table 1
2	Risk Management Plans the RMO refused to agree to or to establish under subsection 56(9), 58(15) or (16)	0	n/a
3	Orders issued under Part IV of the Act	0	n/a
4	Notices given to or by the RMO under subsection 61(2), (7) and (10)	0	n/a
5	Inspections carried out under section 62 of the Act (for the purpose of enforcement)	0	n/a
6	Risk assessments submitted under section 60 of the Act	0	n/a
7	RMO caused a thing to be done under section 64 of the Act	0	n/a
8	Prosecutions and convictions under section 106 of the Act	0	n/a

The City of Ottawa Risk Management Office implements Part IV policies, including:

- review of development applications within vulnerable areas made under the *Planning Act* related to new activities;
- Section 59 internal screening procedures for *Planning Act* and *Building Code Act* applications will be amended following the enactment of a Section 59 By-Law, the process will be initiated in 2022;
- development of an RMO database to facilitate threats verification and RMP management for existing activities.

Mississippi-Rideau Source Protection Region staff were retained by the City to support Part IV policy implementation related to existing significant drinking water threat activities, including verification of existing threats and if necessary, negotiating Risk Management Plans in vulnerable areas to safeguard drinking water sources. In 2021, four RMPs were negotiated for existing DNAPL threats. There are currently three outstanding fuel threats (residential heating oil) that require risk management, due to non-cooperative landowners. The City is developing a strategy, in consultation with the Source Protection Region, to manage the outstanding fuel threats.

Table 1: Information requirements for established Risk Management Plans

<b>Information required in Section 65 (1) of O.Reg. 287/07: Risk Management Plans agreed to by the RMO under subsection 56(1) or 58(5) of the Act</b>			
<b>RMP #</b>	<b>Location of the property to which the plan relates.</b>	<b>Wellhead protection area or surface water intake protection zone where the property is located.</b>	<b>Activity to which the plan relates.</b>
OTTAWA-01-DNAPL	6104 Perth Street	Richmond – WHPA-C (vulnerability score 6)	Storage and handling of DNAPL
OTTAWA-02-DNAPL	5949 Ottawa Street	Richmond – WHPA-C (vulnerability score 6)	Storage and handling of DNAPL
OTTAWA-03-DNAPL	3835 McBean Street	Richmond – WHPA-C (vulnerability score 6)	Storage and handling of DNAPL
OTTAWA-04-DNAPL	4 Colonel Murray Street	Richmond – WHPA-C (vulnerability score 6)	Storage and handling of DNAPL



**Risk Management Official Annual Report  
for the Mississippi Valley Source Protection Area**  
Required under Section 81 of the *Clean Water Act*  
Risk Management Official Annual Report for the Mississippi  
Valley Source Protection Area

**Risk Management Official (RMO):** Brian Stratton, P. Eng.

**Period:** January 1 - December 31, 2021

**Source Protection Region:** Mississippi-Rideau

**Source Protection Area:** Mississippi Valley

**Municipalities:**

- Beckwith Township
- Town of Carleton Place
- Town of Mississippi Mills

<b>Required Report Content</b> (under section 65 of O. Reg. 287/07)		<b>Number</b>	<b>Details</b>
1	Risk Management Plans agreed to by the RMO under subsection 56(1) or 58(5) of the Act and the number of plans established by the RMO under subsection 56(6), 58(10) or (12) of the Act	0	n/a
2	Risk Management Plans the RMO refused to agree to or to establish under subsection 56(9), 58(15) or (16)	0	n/a
3	Orders issued under Part IV of the Act	0	n/a
4	Notices given to or by the RMO under subsection 61(2), (7) and (10)	0	n/a
5	Inspections carried out under section 62 of the Act (for the purpose of enforcement)	0	n/a
6	Risk assessments submitted under section 60 of the Act	0	n/a
7	RMO caused a thing to be done under section 64 of the Act	0	n/a
8	Prosecutions and convictions under section 106 of the Act	0	n/a

## Risk Management Official Annual Report for the Mississippi-Rideau Source Protection Region

Required under Section 81 of the *Clean Water Act*

**Risk Management Official (RMO):** Tessa Di Iorio, M.Sc., P.Geo.

**Period:** January 1- December 31, 2021

**Source Protection Region:** Mississippi-Rideau

**Source Protection Area:** Mississippi

**Municipality:** The City of Ottawa

Required Report Content (under section 65 of O. Reg. 287/07)		Number	Details
1	Risk Management Plans agreed to by the RMO under subsection 56(1) or 58(5) of the Act and the number of plans established by the RMO under subsection 56(6), 58(10) or (12) of the Act	0	n/a
2	Risk Management Plans the RMO refused to agree to or to establish under subsection 56(9), 58(15) or (16)	0	n/a
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7	RMO caused a thing to be done under section 64 of the Act	0	n/a
8	Prosecutions and convictions under section 106 of the Act	0	n/a

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- review of development applications within vulnerable areas made under the *Planning Act* related to new activities;
- Section 59 internal screening procedures for *Planning Act* and *Building Code Act* applications will be amended following the enactment of a Section 59 By-Law, the process will be initiated in 2022;

- development of an RMO database to facilitate threats verification and RMP management for existing activities.

Mississippi-Rideau Source Protection Region staff were retained by the City to support Part IV policy implementation related to existing significant drinking water threat activities, including verification of existing threats and if necessary, negotiating Risk Management Plans in vulnerable areas to safeguard drinking water sources. There are currently two outstanding fuel threats (residential heating oil) that require risk management, due to non-cooperative landowners. The City is developing a strategy, in consultation with the Source Protection Region, to manage the outstanding fuel threats.