



Source Water Protection Electronic Annual Report City of Ottawa - 2022

Report Id	Completed	Question	Category
5	False	Please provide contact information for the staff member completing the report (include full name, email address, phone number, title)	Other reporting items
Answer:		Tessa Di Iorio, Risk Management Official/Inspector, Hydrogeologist City of Ottawa, Infrastructure and Water Services Department tessa.diiorio@ottawa.ca 613-580-2424 x17658	
Comment:			



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Report Id	Completed	Question		Answer
2213	False	SALT-6 Non Legally Binding: Has your municipality completed the Smart About Salt training and promoted it to contractors?		
Response				Answer
Completed				Yes
We have considered it, but will not be doing this				No
We will be doing this				No
Comment: The City of Ottawa implements an internally-developed winter road maintenance and salt management training program which is similar to (and more comprehensive than) the Smart about Salt certificate program. The City's program includes full training regarding salting practices and the City's Road Salt Management Plan; best management practices; environmental concerns related to road salt; freezing point deprivation; applicable legislation; and road design and construction related to winter road maintenance. The City trains over 600 roads and parking staff annually and requires training for all contractors hired by the City for winter road maintenance. In addition, 11 City staff are trained as champions in road salt management, these staff are accessible to respond to operator inquiries and provide additional training as needed.				



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Report Id	Completed	Question	Category
2215	False	SEW-6-LB Sanitary Sewer Maintenance Program has been initiated and sanitary sewers are inspected every 5 years	Implementation status of source protection plan policies
Answer:	Yes		

Comment:

The current sanitary sewer maintenance program within the Mississippi-Rideau area is as follows:

- Infrastructure Services has identified the relevant pipes of interest, information is shared through a layer within the City's GIS program.
- Wastewater Collection Crews deploy a contractor, under their supervision, to clean the indicated pipes. This work is followed by the capture of CCTV footage, all completed under PACP certification. Footage is reviewed by city staff and any deficiencies are identified and repaired.
- In compliance with the Source Protection Plan, these areas will be cleaned and camera work completed at 5 year intervals going forward.
- An automated preventative maintenance program has been set up within the City's MMS to trigger the start of this work every five years.

• The sanitary sewer maintenance program was first implemented in 2015/2016. Identified sewers within the Mississippi-Rideau Source Protection Region were cleaned as part of the work contract and had CCTV inspections completed following the cleaning (within the regions of Carp, Munster, and Richmond).

• The second round of maintenance work was completed in 2021 (Richmond: between May 1st and 14th, 2021; Carp between July 1st and July 15th, 2021; Munster between October 1st and November 25th, 2021). City staff completed a review the completeness of the 2021 CCTV inspections in early 2022, no deficiencies were detected.



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Report Id	Completed	Question	Category
2216	False	SEW-4-LB Mandatory Connection to Sewer Services--In areas where on-site sewage systems are a significant drinking water threat, the municipality through their powers under the Municipal Act must require connection to municipal services(capacity permitting and within designated serviced areas) where services are available at the property line inthe following situations:• Where an existing system has failed a Phase II Maintenance Inspection and/or an order has been issued toreplace or do significant upgrades• When the Principal Authority has deemed an existing system inadequate to service a proposedredevelopment / renovation• For new development	Implementatio n status of source protection plan policies
Answer:	Yes		
Comment:	<p>The Sewer Connection By-Law is currently being updated at the City. The project has been delayed, however the update is expected to be complete in 2024. The update includes the following:</p> <p>The City shall require connection to the Public Sewage Works in areas where the on-site sewage system is a significant drinking water threat as described in the Clean Water Act, as amended, and associated Technical Rules, as amended, (capacity permitting) where services are available at the property line in the following situations:</p> <ul style="list-style-type: none"> (1) where an existing system has failed a Phase II Maintenance Inspection and/or an order has been issued to replace or do significant upgrades; or (2) when the Principle Authority has deemed an existing system inadequate to service a proposed redevelopment or renovation; or (3) for new development or existing vacant lots of record. 		



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Report Id	Completed	Question									
410	False	How many section 59 notices were issued in this reporting period for activities to which a risk management plan (section 58) policy applied, as per ss. 59(2)(b) of the Clean Water Act?									
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Provincial Total	0	0									
<p>Comment:</p>											

Report Id	Completed	Question									
500	False	For the purposes of section 61 of O. Reg. 287/07, how many notices and/or copies of prescribed instruments that state the prescribed instrument conforms with the significant drinking water threat policies in the source protection plan (i.e., statement of conformity confirms the instrument holder is exempt from requiring a risk management plan) did the risk management official receive in this reporting period?									
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<p>Comment:</p>											



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Report Id	Completed	Question	Category
600	False	Provide a brief overview of inspections that were carried out for activities that are prohibited under section 57 or require a risk management plan under section 58 of the Clean Water Act. You may wish to include a brief summary of inspection results and an overall indication of compliance. If no inspections were conducted in the previous calendar year, please explain. [OPTIONAL]: If you wish to share any insights or feedback about the compliance process in general, please do so.	Part IV (Sections 57, 58 & Section 59)
Answer: Not applicable			
Comment:			

Report Id	Completed	Question	Current Year	Cumulative Count
610	False	State the total number of inspections (including any follow-up site visits) that were carried out for activities (existing or future) that are prohibited under section 57 of the Clean Water Act in this reporting period. NOTE: The term inspections refers to those conducted under the authority of section 62 of the Clean Water Act, 2006 related to an activity to which section 56, 57, or 58 of the Act applies. This includes inspections carried out for threat verification purposes. It does not include the delivery of documents such as notices or a signed risk management plan. The term contravention as used in the context of inspections refers to activities being undertaken that are in violation of sections 57 and 58 of the CWA relative to the policies noted in the SPP.		
Agency				
Mississippi Rideau SPR			0	0
Provincial Total			0	0
Comment:				



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Report Id	Completed	Question									
700	False	How many existing significant drinking water threats have been prohibited as a result of section 57 prohibitions in this reporting period?									
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<p>Comment:</p>											

Report Id	Completed	Question									
800	False	State the total number of inspections (including any follow-up site visits) that were carried out for activities that require a risk management plan under section 58 of the Clean Water Act in this reporting period.									
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<p>Comment:</p>											



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Report Id	Completed	Question									
820	False	Among the inspections conducted for section 58, how many were in contravention with section 58 of the Clean Water Act in this reporting period (i.e., person engaging in a drinking water threat activity without a risk management plan as required by the source protection plan)?									
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Comment: Not applicable											

Report Id	Completed	Question									
830	False	Among the inspections for section 58, how many were in non-compliance with the specific contents of the risk management plan in this reporting period? (NOTE: Please only include those inspections that showed non-compliance with measures/conditions to manage the actual threat activity.)									
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Comment: Not applicable											

Report Id	Completed	Question									
840	False	State the total number of notices issued where there were cases of contraventions and/or non-compliance found with section 57 in this reporting period.									
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Report Id Completed Question

2210 **False** Has your municipality completed their required Official Plan update to include Source Protection Policies?

Response	Answer
Completed	Yes
Completed, but under appeal	No
Needs updating to reflect amended SPP	No
In progress	No
Not started	No
Not applicable	No

Comment: The new Official Plan was adopted by City Council on October 27, 2021. The Plan was approved by the Ministry of Municipal Affairs and Housing on November 4th, 2022 and is now in full force and effect. Source protection policies in the new Official Plan conform to local Source Protection Plans and can be found in Section 4.9.5 of under the heading, “Implement the policies of the Mississippi-Rideau Source Protection Plan and the Source Protection Plan for the Raisin-South Nation Source Protection Region”. Source protection policies were developed in consultation with the local Source Protection Regions.



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Report Id	Completed	Question
2220	False	Has your municipality completed their required Zoning Bylaw update to include Source Protection Policies?
Response		Answer
Completed		No
Completed, but under appeal		No
Needs updating to reflect amended SPP		No
In progress		Yes
Not started		No
<p>Comment: Following approval of the new Official Plan, the City has initiated the process of developing a new Zoning By-law to implement the policies in the new Official Plan, including implementing new zone provisions to conform to source protection policies. Source Protection Regions will be consulted on zoning by-law amendments related to source protection policies.</p>		



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Report Id Completed Question

2300 **False** Indicate the methods by which education and outreach policies have been/are being implemented in the municipality for the reporting period by all the relevant implementing bodies from the checklist below. Choose all that apply.

Response	Answer
Development and distribution of educational materials for the general public	Yes
Development and distribution of educational materials for target audiences	Yes
In-person Workshops	No
Site visits	No
Source protection content for websites	Yes
Educational videos (e.g. YouTube)	No
Podcasts	No
Collaboration with other bodies (e.g. local organizations, Ministries)	Yes
Social media promotion (e.g. use of Facebook, Twitter, Instagram, etc.)	Yes
Traditional media advertising (e.g. print media, radio, television)	Yes
Integration with other outreach programs or campaigns	Yes
Articles in publications	No
Information kiosks at events / festivals	Yes
Other. Please specify:	No

Comment:



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Report Id	Completed	Question	Category
2311	False	Briefly explain how education and outreach implementation success was evaluated and any results achieved	Education & Outreach
Answer:			
<p>The City of Ottawa developed and maintains Outreach and Education materials including 19 factsheets and a City-hosted Source Protection website with an interactive map; see Ottawa.ca/SourceProtection or Ottawa.ca/protectiondessources. Drinking Water Protection Zones are also included and maintained as a map layer on the City's interactive geoportal (GeoOttawa.ca).</p> <p>The City plans to implement a recurring social media campaign in 2023 to promote program awareness and safe practices to protect our shared drinking water resources. A review of the City of Ottawa's Source Protection education and outreach program is planned for 2023.</p>			
Comment:			

Report Id	Completed	Question									
2410	False	State the number of source water protection signs installed on municipal roads in the source protection region/area in this reporting period.									
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Comment:											
<p>The City's primary goal has been the implementation of legally-binding source protection policies, following which non-legally binding policies will be evaluated and implemented as deemed appropriate.</p> <p>The City will evaluate locations to install signs on Municipal roads and waterways. An update will be provided to the Source Protection Region in the 2023 Annual Source Protection Update Report.</p>											



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Report Id	Completed	Question
2420	False	State the number of source water protection signs installed at other locations (if applicable) in the source protection region/area in this reporting period.
Agency		Current Year Cumulative Count
Mississippi Rideau SPR		0 0
Provincial Total		0 0
Comment:	<p>The City's primary goal has been the implementation of legally-binding source protection policies, following which non-legally binding policies will be evaluated and implemented as deemed appropriate.</p> <p>The City will evaluate locations to install signs on Municipal roads and waterways. An update will be provided to the Source Protection Region in the 2023 Annual Source Protection Update Report.</p>	

Report Id	Completed	Question	Category
2500	False	If applicable to the source protection region/area, in the response box below, briefly summarize the type of incentive(s) (e.g., prescribed instrument application fees waived, funding, other non-financial incentives, etc.) that was made available (whether as a policy in the source protection plan or not), the source that provided the incentive(s), the prescribed drinking water threat activity(ies) to which it relates, and the degree to which the incentive(s) assisted with the implementation of source protection plan policies that address significant drinking water threat activity(ies) (i.e., Full degree, Significant/large degree, Moderate degree, Some degree, or Limited degree) in your source protection region/area.	Incentives
Answer:			
Comment:			

Report Id	Completed	Question	Category
3300	False	Does the municipality have any other item(s) on which it wishes to report? If so, please explain.	Other reporting items
Answer: The City can provide chloride data from municipal wells upon demand (as requested in previous years).			
Comment:			



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Section 2 - Implementation Status Questions

Approver Name: _____

Title: _____

Date Signed: _____