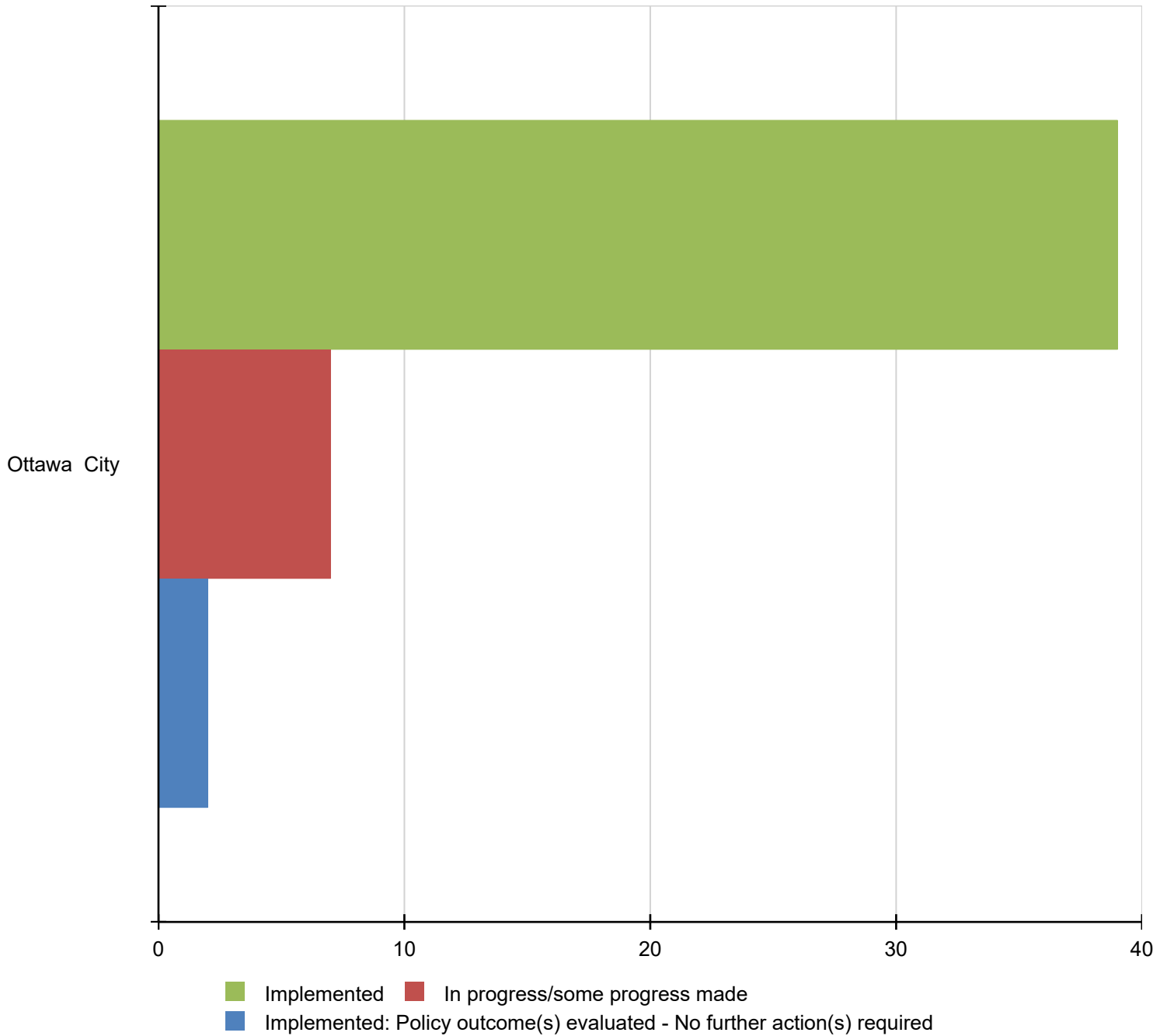


Implementation Status



Implementing Body	Municipality	Policy Tool	Section 59 Restricted Land Uses
Policy Id	ADMIN-1-LB	Threat Type	Future & Existing
Legal Effect	Conform with	Agency	Ottawa City of
Risk	Significant		
Status	Implemented		
Comment	An interim Section 59 screening procedure in currently being implemented for new Planning Act applications:		

- The location of the activity is verified by the municipal planner. If the activity is within a vulnerable area, the application is forwarded and reviewed by the RMO to determine any proposed activities could pose a significant drinking water threat. If there are none, a clearance e-mail is sent from the RMO to the planner stating that there is no potential for significant threat activities.
- If there is potential for a significant drinking water threat associated with the proposed activity, then the RMO consults directly with the proponent to determine if the specific activity (i.e. circumstances) is subject to Section 57 (Prohibition) or Section 58 (Risk Management Plan).

Internal screening procedures related to applications under the Planning Act and Building Code Act will be updated through the development and implementation of a by-law to screen out activities within certain land-use designations that have no potential for significant drinking water threats. Following approval of the new Official Plan in 2021, 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 when the by-law is developed, new zoning by-laws are expected to be drafted in 2024.

Implementing Body	Municipality	Policy Tool	Section 59 Restricted Land Uses
Policy Id	ADMIN-2-LB	Threat Type	Future & Existing
Legal Effect	Conform with	Agency	Ottawa City of
Risk	Significant		
Status	Implemented		
Comment	An interim Section 59 screening procedure in currently being implemented for new Planning Act applications:		

- The location of the activity is verified by the municipal planner. If the activity is within a vulnerable area, the application is forwarded and reviewed by the RMO to determine any proposed activities could pose a significant drinking water threat. If there are none, a clearance e-mail is sent from the RMO to the planner stating that there is no potential for significant threat activities.
- If there is potential for a significant drinking water threat associated with the proposed activity, then the RMO consults directly with the proponent to determine if the specific activity (i.e. circumstances) is subject to Section 57 (Prohibition) or Section 58 (Risk Management Plan).

Internal screening procedures related to applications under the Planning Act and Building Code Act will be updated through the development and implementation of a by-law to screen out activities within certain land-use designations that have no potential for significant drinking water threats. Following approval of the new Official Plan in 2021, 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 when the by-law is developed. The new zoning by-laws are expected to be drafted in 2024.

Implementing Body	Municipality	Policy Tool	
Policy Id	ADMIN-3-LB	Agency	Administrative
Legal Effect	Conform with	Threat Type	Future & Existing
Risk	Significant	Agency	Ottawa City of
Status	In progress/some progress made		
Comment	<p>The City of Ottawa's new Official Plan was adopted by City Council on October 27, 2021 and was approved by the Ministry of Municipal Affairs and Housing on November 4th, 2022. Source protection policies in the OP conform to local Source Protection Plans, see 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.</p> <p>The City initiated the process of developing new Zoning By-laws to implement the policies in the new Official Plan, including implementing new zone provisions to conform to source protection policies. New zoning by-laws related to the source protection policy conformity will be drafted in 2024 in consultation with Source Protection Regions.</p>		

Implementing Body	Risk Management Official	Policy Tool	
Policy Id	ASM-2-LB-S58	Agency	Section 58 Risk Management Plans
Legal Effect	Conform with	Threat Type	Existing
Risk	Significant	Agency	Ottawa City of
Status	Implemented		
Comment			

Implementing Body	Risk Management Official	Policy Tool	
Policy Id	ASM-2-LB-S58	Agency	Section 58 Risk Management Plans
Legal Effect	Conform with	Threat Type	Future
Risk	Significant	Agency	Ottawa City of
Status	Implemented		
Comment			

Implementing Body	Municipality	Policy Tool	Specify Actions to be taken to implement plan or achieve its objectives
Policy Id	CORR-1-NLB	Threat Type	Future & Existing
Legal Effect	Strategic	Agency	Ottawa City of
Risk	Non-specific		
Status	Implemented: Policy outcome(s) evaluated - No further action(s) required		
Comment	The City of Ottawa has a comprehensive Emergency Management Program, which includes the Municipal Emergency Plan. This Plan takes an all-hazard function-based approach and is always in effect as elements can be employed on a flexible and scalable basis to provide effective mitigation and response efforts in the Ottawa area. The Plan is designed to be used by all City departments, partners and stakeholders, during planned or unplanned situations. The Plan currently includes two documents directly related to drinking water: Adverse Drinking Water Response Plan and the Drinking Water Incident Escalation Response Plan. The City of Ottawa annually conducts a Hazard Identification and Risk Assessment to identify the range of hazards that may pose a risk. Although Emergency Response Plans have not yet been updated to include drinking water protection zones, the City plans to include consideration for drinking water protection zones in a future annual review. An update will be provided to the Source Protection Region in the 2024 Annual Source Protection Update Report.		

Implementing Body	Risk Management Official	Policy Tool	Section 57 Prohibition
Policy Id	DEICE-1-LB-S57	Threat Type	Future
Legal Effect	Conform with	Agency	Ottawa City of
Risk	Significant		
Status	Implemented		
Comment			

Implementing Body	Risk Management Official	Policy Tool	Section 58 Risk Management Plans
Policy Id	DNAPL-1-LB-S58	Threat Type	Existing
Legal Effect	Conform with	Agency	Ottawa City of
Risk	Significant		
Status	Implemented		
Comment			

Implementing Body	Risk Management Official	Policy Tool	Section 57 Prohibition
Policy Id	DNAPL-2-LB-S57	Threat Type	Future
Legal Effect	Conform with	Agency	Ottawa City of
Risk	Significant		
Status	Implemented		
Comment			

Implementing Body	Risk Management Official	Policy Tool	
Policy Id	DNAPL-3-LB-S57	Section 57 Prohibition	
Legal Effect	Conform with	Threat Type	Future
Risk	Significant	Agency	Ottawa City of
Status	Implemented		
Comment			

Implementing Body	Risk Management Official	Policy Tool	
Policy Id	DNAPL-4-LB-S58	Section 58 Risk Management Plans	
Legal Effect	Conform with	Threat Type	Future
Risk	Significant	Agency	Ottawa City of
Status	Implemented		
Comment			

Implementing Body	Municipality	Policy Tool	
Policy Id	EDU-1-LB	Education / Outreach	
Legal Effect	Conform with	Threat Type	Future & Existing
Risk	Significant	Agency	Ottawa City of
Status	Implemented		
Comment	<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 2024 to promote program awareness and safe practices to protect our shared drinking water resources.</p>		

Implementing Body	Municipality	Policy Tool	
Policy Id	EDU-3-NLB	Education / Outreach	
Legal Effect	Strategic	Threat Type	Future & Existing
Risk	Non-specific	Agency	Ottawa City of
Status	In progress/some progress made		
Comment	<p>The City of Ottawa has set aside funding in 2024 to purchase and install road signs on municipal roadways in areas of WHPA(10) and IPZ(8.1); the Source Protection Region will be consulted prior to road sign installations.</p>		

Implementing Body	Municipality	Policy Tool	Education / Outreach
Policy Id	EDU-4-NLB	Threat Type	Future & Existing
Legal Effect	Strategic	Agency	Ottawa City of
Risk	Non-specific		
Status	In progress/some progress made		
Comment	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 2024 Annual Source Protection Update Report.		

Implementing Body	Municipality	Policy Tool	Education / Outreach
Policy Id	EDU-5-NLB	Threat Type	Future & Existing
Legal Effect	Strategic	Agency	Ottawa City of
Risk	Low, Moderate, Significant		
Status	Implemented: Policy outcome(s) evaluated - No further action(s) required		
Comment	The City will evaluate the implementation an education and outreach initiative directed at local fuel distributors, sewage haulers, lawn care companies and other businesses that transport potential drinking water contaminants through Drinking Water Protection Zones with a vulnerability score of 8 or higher. An update will be provided to the Source Protection Region in the 2024 Annual Source Protection Update Report.		

Implementing Body	Risk Management Official	Policy Tool	Section 58 Risk Management Plans
Policy Id	FERT-2-LB-S58	Threat Type	Existing
Legal Effect	Conform with	Agency	Ottawa City of
Risk	Significant		
Status	Implemented		
Comment			

Implementing Body	Risk Management Official	Policy Tool	Section 58 Risk Management Plans
Policy Id	FERT-2-LB-S58	Threat Type	Future
Legal Effect	Conform with	Agency	Ottawa City of
Risk	Significant		
Status	Implemented		
Comment			

Implementing Body	Risk Management Official	Policy Tool	
Policy Id	FERT-3-LB-S57	Section 57 Prohibition	
Legal Effect	Conform with	Threat Type	Future
Risk	Significant	Agency	Ottawa City of
Status	Implemented		
Comment			

Implementing Body	Risk Management Official	Policy Tool	
Policy Id	FUEL-1-LB-S58	Section 58 Risk Management Plans	
Legal Effect	Conform with	Threat Type	Existing
Risk	Significant	Agency	Ottawa City of
Status	In progress/some progress made		
Comment	There are currently ten residences with home heating oil tanks that are considered significant drinking water threats to municipal well systems within the Mississippi-Rideau Source Protection Region. Five are managed through RMPs and five do not currently have RMPs due to non-responsive or non-compliant landowners. City staff and Conservation Authority staff have been working towards RMP negotiations since 2017 using a 'soft approach' (politely requesting compliance, multiple visits).		

The Fuel Tank Incentive Program was approved by the City's Agricultural and Rural Affairs Committee on May 5, 2022 and Council on May 11, 2022. The program is expected to be complete by 2024.

The Fuel Tank Incentive Program offers financial incentives to remove existing fuel oil tanks that are located near municipal wells and replace them with an alternate heating source (air source heat pump or natural gas), that are not considered a significant drinking water threat. Additional incentives will be provided to support a green energy option (air source heat pump), to coincide with the City's climate change initiatives. The goal of the fuel tank incentive program is to eliminate the existing fuel threats and protect rural communal drinking water resources.

Implementing Body	Risk Management Official	Policy Tool	
Policy Id	FUEL-1-LB-S58	Section 58 Risk Management Plans	
Legal Effect	Conform with	Threat Type	Future
Risk	Significant	Agency	Ottawa City of
Status	Implemented		
Comment			

Implementing Body Risk Management Official
Policy Id FUEL-5-LB-S57
Legal Effect Conform with
Risk Significant
Status Implemented
Comment

Policy Tool Section 57 Prohibition
Threat Type Future
Agency Ottawa City of

Implementing Body Risk Management Official
Policy Id FUEL-6-LB-S58
Legal Effect Conform with
Risk Significant
Status Implemented
Comment

Policy Tool Section 58 Risk Management Plans
Threat Type Existing
Agency Ottawa City of

Implementing Body Risk Management Official
Policy Id FUEL-6-LB-S58
Legal Effect Conform with
Risk Significant
Status Implemented
Comment

Policy Tool Section 58 Risk Management Plans
Threat Type Future
Agency Ottawa City of

Implementing Body Risk Management Official
Policy Id LIVE-2-LB-S58
Legal Effect Conform with
Risk Significant
Status Implemented
Comment

Policy Tool Section 58 Risk Management Plans
Threat Type Existing
Agency Ottawa City of

Implementing Body	Risk Management Official	Policy Tool	
Policy Id	LIVE-2-LB-S58	Section 58 Risk Management Plans	
Legal Effect	Conform with	Threat Type	Future
Risk	Significant	Agency	Ottawa City of
Status	Implemented		
Comment			

Implementing Body	Risk Management Official	Policy Tool	
Policy Id	NASM-3-LB-S58	Section 58 Risk Management Plans	
Legal Effect	Conform with	Threat Type	Existing
Risk	Significant	Agency	Ottawa City of
Status	Implemented		
Comment			

Implementing Body	Risk Management Official	Policy Tool	
Policy Id	NASM-3-LB-S58	Section 58 Risk Management Plans	
Legal Effect	Conform with	Threat Type	Future
Risk	Significant	Agency	Ottawa City of
Status	Implemented		
Comment			

Implementing Body	Municipality	Policy Tool	
Policy Id	PATH-1-NLB	Specify Actions to be taken to implement plan or achieve its objectives	
Legal Effect	Strategic	Threat Type	Future & Existing
Risk	Non-specific	Agency	Ottawa City of
Status	In progress/some progress made		
Comment	The City is evaluating the potential of implementing by-laws related to installation of geothermal systems in wellhead protection areas. A by-law has been drafted which prohibits the installation of any type of earth energy system within WHPA-A, the by-law will be put forth for review in 2024. An update will be provided to the Source Protection Region in the 2024 Annual Source Protection Update Report.		

Implementing Body Risk Management Official
Policy Id PEST-4-LB-S58
Legal Effect Conform with
Risk Significant
Status Implemented
Comment

Policy Tool
 Section 58 Risk Management Plans
Threat Type Existing
Agency Ottawa City of

Implementing Body Risk Management Official
Policy Id PEST-5-LB-S57
Legal Effect Conform with
Risk Significant
Status Implemented
Comment

Policy Tool
 Section 57 Prohibition
Threat Type Future
Agency Ottawa City of

Implementing Body Risk Management Official
Policy Id SALT-1-LB-S58
Legal Effect Conform with
Risk Significant
Status Implemented
Comment

Policy Tool
 Section 58 Risk Management Plans
Threat Type Existing
Agency Ottawa City of

Implementing Body Risk Management Official
Policy Id SALT-2-LB-S57
Legal Effect Conform with
Risk Significant
Status Implemented
Comment

Policy Tool
 Section 57 Prohibition
Threat Type Future
Agency Ottawa City of

Implementing Body	Municipality	Policy Tool	
Policy Id	SALT-5-NLB		Specify Actions to be taken to implement plan or achieve its objectives
Legal Effect	Strategic	Threat Type	Future & Existing
Risk	Low, Moderate	Agency	Ottawa City of
Status	Implemented		
Comment	<p>The City has a Road Salt Management Plan which was developed in accordance with Environment Canada's Code of Practice for Environmental Management of Road Salts. The City's original Plan was created in 2005 and was last updated in 2015, with the associated Salt Spreader Calibration Document which is updated annually. The City initiated a full review of the Road Salt Management Plan in 2022/2023. The revised Road Salt Management Plan has consideration for designated vulnerable areas under Clean Water Act, where applicable.</p> <p>A copy of the City's Road Salt Management Plan can be made available to the Source Protection Authority upon request.</p>		

Implementing Body	Municipality	Policy Tool	
Policy Id	SALT-6-NLB		Specify Actions to be taken to implement plan or achieve its objectives
Legal Effect	Strategic	Threat Type	Future & Existing
Risk	Low, Moderate	Agency	Ottawa City of
Status	Implemented		
Comment	<p>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.</p> <p>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.</p>		

Implementing Body	Municipality	Policy Tool	
Policy Id	SEW-1-LB		Specify Actions to be taken to implement plan or achieve its objectives
Legal Effect	Conform with	Threat Type	Future & Existing
Risk	Significant	Agency	Ottawa City of
Status	Implemented		
Comment			

Implementing Body	Risk Management Official	Policy Tool	
Policy Id	SEW-11-LB-S58		Section 58 Risk Management Plans
Legal Effect	Conform with	Threat Type	Existing
Risk	Significant	Agency	Ottawa City of
Status	Implemented		
Comment			

Implementing Body Risk Management Official
Policy Id SEW-11-LB-S58
Legal Effect Conform with
Risk Significant
Status Implemented
Comment

Policy Tool Section 58 Risk Management Plans
Threat Type Future
Agency Ottawa City of

Implementing Body Risk Management Official
Policy Id SEW-12-LB-S57
Legal Effect Conform with
Risk Significant
Status Implemented
Comment

Policy Tool Section 57 Prohibition
Threat Type Future
Agency Ottawa City of

Implementing Body Risk Management Official
Policy Id SEW-14-LB-S58
Legal Effect Conform with
Risk Significant
Status Implemented
Comment

Policy Tool Section 58 Risk Management Plans
Threat Type Existing
Agency Ottawa City of

Implementing Body Municipality
Policy Id SEW-15-LB-PI/PA-MC
Legal Effect Conform with
Risk Significant
Status Implemented
Comment

Policy Tool Land Use Planning Approaches
Threat Type Future
Agency Ottawa City of

Following the approval of the new Official Plan in fall 2021, the City has initiated the process of updating zoning by-laws to conform to Source Protection Policies. This will include prohibition of sewer works as listed in policies SEW-9-LB-PA/PI-MC and SEW-15-LB-PA/PI-MC. Source Protection Regions will be consulted on zoning by-law amendments; new zoning by-laws are expected to be drafted in 2024.

Currently, new development applications are screened through an internal Section 59 screening process.

Implementing Body	Risk Management Official	Policy Tool	
Policy Id	SEW-16-LB-S57	Threat Type	Section 57 Prohibition
Legal Effect	Conform with	Agency	Future
Risk	Significant		Ottawa City of
Status	Implemented		
Comment			

Implementing Body	Municipality	Policy Tool	
Policy Id	SEW-2-LB	Threat Type	Specify Actions to be taken to implement plan or achieve its objectives
Legal Effect	Conform with	Agency	Existing
Risk	Significant		Ottawa City of
Status	Implemented		
Comment			

Implementing Body	Municipality	Policy Tool	
Policy Id	SEW-3-LB	Threat Type	Specify Actions to be taken to implement plan or achieve its objectives
Legal Effect	Conform with	Agency	Future
Risk	Significant		Ottawa City of
Status	Implemented		
Comment	<p>Required policies are in place. Projects that include the siting and design of private sewage systems require plans to be submitted through the building permit or site plan control process (i.e. new dwelling or commercial/industrial development, coach house, alteration to a dwelling, etc.); plans are reviewed by City staff. When the City receives a building permit application under the Building Code Act for an existing lot of record, a grading and servicing plan are required as part of the permit process. One exception is small accessory building, which would not be related to a septic system. For projects subject to site plan control, instead of reviewing the grading plan at permit stage, the plan would be reviewed through the site plan control process prior to the permit review, as per the Site Plan Control By-Law.</p>		

Implementing Body	Municipality	Policy Tool	Specify Actions to be taken to implement plan or achieve its objectives
Policy Id	SEW-4-LB	Threat Type	Existing
Legal Effect	Conform with	Agency	Ottawa City of
Risk	Significant		
Status	In progress/some progress made		
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.</p> <p>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> <p>(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</p> <p>(2) when the Principle Authority has deemed an existing system inadequate to service a proposed redevelopment or renovation; or</p> <p>(3) for new development or existing vacant lots of record.</p>		

Implementing Body	Municipality	Policy Tool	Specify Actions to be taken to implement plan or achieve its objectives
Policy Id	SEW-6-LB	Threat Type	Future & Existing
Legal Effect	Conform with	Agency	Ottawa City of
Risk	Significant		
Status	Implemented		
Comment	<p>The current sanitary sewer maintenance program within the Mississippi-Rideau area is as follows:</p> <ul style="list-style-type: none"> • 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. <p>• 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).</p> <p>• 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.</p>		

Implementing Body	Municipality	Policy Tool	
Policy Id	SEW-9-LB-PI/PA-MC	Threat Type	Future
Legal Effect	Conform with	Agency	Ottawa City of
Risk	Significant		
Status	In progress/some progress made		
Comment	<p>Following the approval of the new Official Plan in fall 2021, the City has initiated the process of updating zoning by-laws to conform to Source Protection Policies. This will include prohibition of sewer works as listed in policies SEW-9-LB-PA/PI-MC and SEW-15-LB-PA/PI-MC. Source Protection Regions will be consulted on zoning by-law amendments. New zoning by-laws are expected to be drafted in 2024.</p> <p>Currently, new development applications are screened through an internal Section 59 screening process.</p>		

Implementing Body	Risk Management Official	Policy Tool	
Policy Id	WASTE-2-LB-S58	Threat Type	Existing
Legal Effect	Conform with	Agency	Ottawa City of
Risk	Significant		
Status	Implemented		
Comment			

Implementing Body	Risk Management Official	Policy Tool	
Policy Id	WASTE-4-LB-S57	Threat Type	Future
Legal Effect	Conform with	Agency	Ottawa City of
Risk	Significant		
Status	Implemented		
Comment			
