

Upper Thames River Source Protection Authority Meeting
Meeting Agenda
Tuesday April 28, 2026 at 9:30am 1424 Clarke Road, London

1. Modifications to the Agenda

2. Declarations of Pecuniary Interest

3. Presentations/Delegations

4. Administrative Business

4.1. Approval of Minutes of Previous Meeting: Tuesday April 22, 2025

5. Reports – For Consideration

5.1. Ratification of Source Protection Striking Committee Member and Committee Liaison – SPA-26-04-01

5.2. Drinking Water Source Protection Annual Progress Report – SPA-26-04-02

6. Reports – For Information

7. Adjournment

Approved by Tracy Annett, General Manager

To: Upper Thames River Source Protection Authority
From: Julie Welker, Source Protection Coordinator
Date: April 24, 2026
File Number: SPA-26-04-01
Agenda #: 5.1
Subject: Ratification of Source Protection Striking Committee Member and Committee Liaison

Recommendation

That the Source Protection Authority ratifies the January 27, 2026 election of Sandy Levin as the Source Protection Striking Committee Member and Committee Liaison.

Background

The following is an excerpt from the minutes of the January 27, 2026 UTRCA Board of Directors Meeting.

10. Elections

v) Source Protection Striking Committee/Committee Liaison (one position)

The Acting Chair called three times for nominations for the position of Source Protection Striking Committee/Committee Liaison.

Paul Mitchell nominated Sandy Levin for the position of Source Protection Striking Committee/Committee Liaison.

Mover: Brian Petrie

Seconder: Anna Hopkins

THAT the Board of Directors close nominations.

Sandy Levin accepted his nomination and was declared to be elected by acclamation to the position of Source Protection Striking Committee/Committee Liaison for 2026.

Prepared by:

Michelle Viglianti, Administrative Assistant

Recommended by:

Julie Welker, Source Protection Coordinator

Report to Upper Thames River Source Protection Authority

Cc SP Management Committee

Date April 28, 2026

From Julie Welker, Source Protection Coordinator

Re: Drinking Water Source Protection Annual Progress Report

THAT the Upper Thames River Source Protection Authority receive the staff report on the TSR Source Protection Plan Annual Progress Report 2025 for information

AND FURTHER THAT Source Protection Authority staff be directed to submit the 2025 Annual Progress Report and Supplementary Report to the Ministry of Environment, Conservation and Parks by May 1st, 2026.

Purpose

To review the contents of the Thames-Sydenham and Region 2025 Annual Progress Report and provide written comments to the Source Protection Authorities about the extent to which, in the opinion of the Committee, the objectives set out in the source protection plan are being achieved by the measures described in the report.

Background

Staff analysed reports received on source protection plan policy implementation progress from implementing bodies. The 2025 Annual Progress Report is prepared accordingly, for review by the Thames-Sydenham and Region Source Protection Committee (TSR SPC) and Source Protection Authority Boards prior to submission to the Ministry of the Environment, Conservation and Parks (MECP).

Report

As required by the Clean Water Act, the TSR Source Protection Region must prepare an annual progress report to demonstrate progress made in implementing policies that protect surface water and groundwater municipal drinking water sources in the region.

Figure 1 provides a simplified overview of the comprehensive process.



Staff analysed information from implementing bodies, using the online Electronic Annual Reporting (EAR) tool. Municipalities, provincial ministries and Risk Management Officials are commended for their large effort in collecting pertinent data and information over the course of the year, to inform the annual progress reporting process to multiple source protection authorities overlapping political boundaries.

Reporting information is provided to MECP at the source protection region level, based on TSR SPR's analysis of hundreds of contributing data and information from policy implementers provided by February 1 every year. In turn, the MECP collects the detailed synthesized reports from Source Protection Authorities across Ontario by May 1 every year and aggregates it to the provincial scale in the annual Chief Drinking Water Inspector's Report.

Highlights

Source Protection Plan Policies

For the policies that address significant drinking water threats in the TSR Source Protection Plan (volume III), 98% have been fully implemented. Another 2% are currently in progress. Further progress was also made to implement the significant non-legally binding policies with 75% implemented and 25% with some progress made.

The 2% for significant threat policies that haven't been addressed relates to Policy 2.15 - Future Septic Systems and this is due to municipalities waiting for final approvals of the Zoning By-laws which many are currently in progress.

For policies that address significant drinking water threats in the TSR Source Protection Plan (for Oxford County - volume II), 68% have been fully implemented. Another 32% are currently in progress. Further progress was also made to implement the significant non-legally binding policies with 50% implemented and 32% in progress.

The 32% for significant threat policies for Volume II that haven't been addressed relates to Oxford County still negotiating Risk Management Plans.

Overall, in the Thames-Sydenham Source Protection Region (including both volumes) 85% of significant threat policies have been implemented and 15% are in progress.

This percentage is expected to drop for 2026 reporting year due to the change in enumeration of threats because of the updated policies.

Septic Inspections

Under the Ontario Building Code, any on-site sewage system which has been identified as a significant drinking water threat is required to be inspected once every five years. In the Thames-Sydenham and Region there are seven municipalities which have on-site sewage systems that require mandatory inspection. All seven municipalities are scheduled to inspect their septic tanks in 2027.

Risk Management Plans

Two new Risk Management Plans were agreed to in 2025, bringing the Region's total Risk Management Plans to 118. Based on the responses provided by Risk Management Officials, 205 (Section 58) Inspections were carried out in 2025 and 2 new RMPs are currently in progress. Two are in contravention with s.58 and s.59. A section 58(7) notice has been issued in the fall of 2025. An order will be issued in March 2026 if compliance has not been achieved.

Official Plans and Zoning By-Law Conformity

There are 17 municipalities within the TSR that are required to complete an Official Plan conformity exercise of which 13 have been completed and 2 are in progress and the last 2 are to begin in 2026. With the new policies now in effect because of the changes to the Technical Rules, SPA staff are looking to see if any Official Plans need to be updated again to align with the amended Source Protection Plan.

There are 22 municipalities that are required to complete a Zoning By-law conformity exercise, of which 6 have been completed, 15 are in the process with 1 not started yet.

Provincial Prescribed Instruments

Ontario ministries review applications for new or amended provincial approvals (i.e., Prescribed Instruments, such as Environmental Compliance Approvals under the *Environmental Protection Act*), where they have been identified as a tool in the TSR Source Protection Plan, to address activities that pose a significant risk to sources of drinking water. Where necessary, conditions are added to approvals to ensure that the activity does not pose a significant threat to sources of drinking water.

In 2025, OMAFA reported that 1 application underwent detailed review for Source Protection and resulted in management through conditions. Their comments were:

'Nutrient management strategies where part of the farm unit falls within a vulnerable area where there could be significant drinking water threats all receive conditions. This is regardless of what the threat actually is that may be occurring in the vulnerable area. The 'standard' condition is used to manage the threats covered by a Nutrient Management Strategy (ASM storage, OCA/yard). Even if the only part of the farm unit in the vulnerable area is land that is not used for the threat activity (i.e. just cropping land), the Nutrient Management Strategy receives this standard condition to indicate that the Nutrient Management Strategy was reviewed for conformity and that the Nutrient Management Strategy meets source water protection policies, as approved.'

Further, when SPA analyzed the ministries comments as it relates to policy implementation, there was one that stood out. Policy 2.52 - Compliance Monitoring under the Nutrient Management Act (Specify Action policy for MECP), MECP's comment was:

‘The Ministry undertakes an annual planned inspection program that addresses risk to human and environmental health at Agricultural sites. Inspections target Agricultural Source Material (ASM) and Non-Agricultural Source Material (NASM) as regulated under the Nutrient Management Act. An intentional, core function of the Nutrient Management Act is to keep nutrients, pathogens and contaminants away from wells and surface water which in turn support the objectives of Source Water Protection. Inspections are designed to prioritize operations which could present a higher risk to these features. Each year diagnostics are completed on the results of these various inspections. A total of 144 agricultural inspections were completed across Ontario in 2025 with 5 inspections completed within the Lower Thames Valley Source Protection Area, 4 inspections in the St. Clair Source Protection Area, and 7 in the Upper Thames Source Protection Area. Of the inspections in the Lower Thames Valley Source Protection Area, 1 inspection identified non-compliance which has since been resolved. Of the inspections in the St. Clair Region Source Protection Area, 3 inspections identified non-compliance 2 of which have since been resolved. Of the inspections in the Upper Thames Source Protection Area, 6 inspections had instances of non-compliance, with 5 of these instances being resolved.’


There is no further information about these sites or how they were resolved or what is happening with those that are still in non-compliance.

Discussion

The theme, “achievement of source protection plan objectives” includes two report items that require Source Protection Committee (SPC) input: the first, the Committee’s opinion on the extent to which objectives in the plan have been achieved during the reporting period and the second, comments to explain how the committee arrived at its opinion. TSR staff have reviewed all the information received from implementing bodies in preparation of the annual progress report and supplemental form and recommend the following responses:

Report Item ID: 600


In the opinion of the Source Protection Committee (SPC), to what extent have the objectives of the SPP been achieved in this reporting period?

Progressing well/on target – Majority of the source protection plan policies have been implemented and/or are progressing well.	
Satisfactory – Some of the source protection plan policies have been implemented and/or are progressing well.	
Limited progress made – A few of the source protection plan policies have been implemented and/or are progressing well.	

Report Item ID: 600

Please provide comments to explain how the SPC arrived at its opinion. Include a summary of any discussions that might have been had amongst the SPC members, especially where no consensus was reached.

December 31st, 2025, marked ten years since our Source Protection Plan first took effect. In that time significant progress has been made to implement the policies contained in the plan and address the activities that were identified as posing a risk to our municipal drinking water supplies. To date, 98% of the policies in the plan (volume III) that address significant drinking water threats have been fully implemented, with the remaining 2% progressing well. In volume II (Oxford County), 68% of the policies in the plan that address significant drinking water threats have been fully implemented. An additional 2 Risk Management Plans were established over the reporting period, bringing the Region's total Risk Management Plans to 118. Approximately 94% of the 1058 originally identified significant drinking water threats, along with those identified after the originally approved SPPs, have been successfully managed or eliminated. While there is still work to do to address the remaining threats (due to the updated enumerations because of the amended policies), the Thames-Sydenham and Region Source Protection Committee is pleased to see that policy implementation is moving steadily forward. For that reason, they believe that a ranking score of progressing well and on target is a fair assessment of our implementation progress.



Julie Welker
Coordinator, Source Water Protection

Attachments (2):

Attachment 1: 2025 TSR Source Protection Plan Annual Progress Report

Attachment 2: 2025 TSR Source Protection Plan Supplementary Report

Annual Progress Report

on Implementation of the Source Protection Plans for the
Thames-Sydenham & Region Source Protection Areas

Reporting Period - January 1, 2025 to December 31, 2025

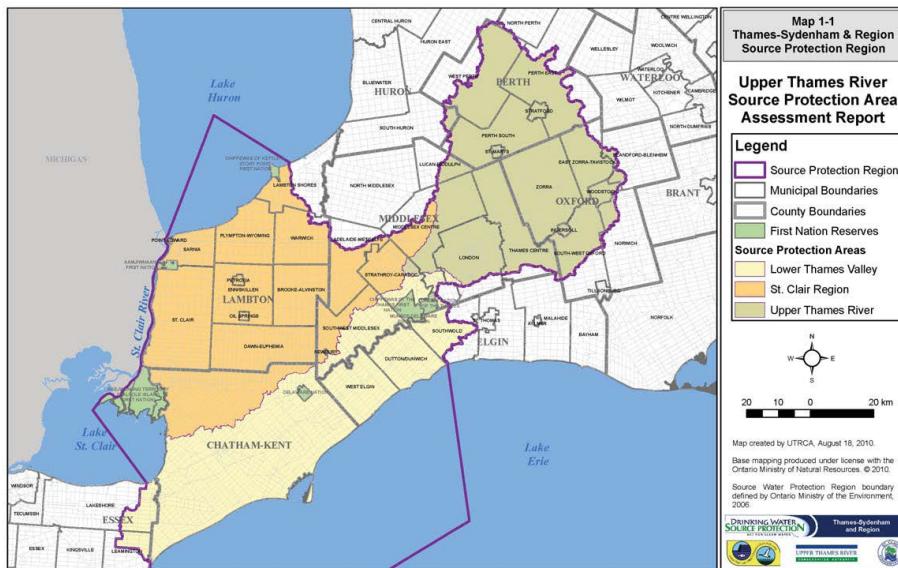
For more information about the drinking water source protection plan, visit
www.sourcewaterprotection.on.ca

Source Protection Annual Progress Report

I. Introduction

This annual progress report outlines the progress made in implementing our source protection plan for the Lower Thames Valley Source Protection Area, St. Clair Region Source Protection Area and Upper Thames River Source Protection Area, as required by the Clean Water Act and regulations. This is the tenth Annual Progress Report released since the Source Protection Plan took effect on December 31st, 2015, and it highlights the actions taken from January 1 to December 31, 2025.

Protecting the sources of our drinking water is the first step in a multi-barrier approach to safeguard the quality and quantity of our water supplies. The source protection plan is the culmination of extensive science-based assessment, research, consultation with the community, and collaboration with local stakeholders and the Province. When policies in the plan are implemented it ensures that activities carried out in the vicinity of municipal wells and lake-based intakes will not pose significant risk to those drinking water supplies.



II. A message from your local Source Protection Committee

P : Progressing Well/On Target - The majority of the source protection plan policies have been implemented and/or are progressing.

December 31st, 2025, marked ten years since our Source Protection Plan first took effect. In that time significant progress has been made to implement the policies contained in the plan and address the activities that were identified as posing a risk to our municipal drinking water supplies. To date, 85% of the policies in the plan that address significant drinking water threats have been fully implemented, with the remaining 15% progressing well. An additional 2 Risk Management Plans were established over the reporting period bringing the Region's total Risk Management Plans to 118. Approximately 94% of the 1058 originally identified significant drinking water threats, along with those identified after the originally approved SPPs, have been successfully managed or eliminated. While there is still a considerable amount of work to do to address the remaining threats, the Thames-Sydenham and Region Source Protection Committee is pleased to see that policy implementation is moving steadily forward. For that reason, they believe that a ranking score of progressing well and on target is a fair assessment on our implementation progress.

III. Our Watershed

To learn more, please read our assessment report(s) and source protection plan(s)

To learn more, please read our assessment report(s) and source protection plan(s)

The Thames-Sydenham and Region is made up of the watersheds of Lower Thames Valley, the St. Clair Region, and the Upper Thames River. The Lower Thames Valley Source Protection Area includes those lands draining into the Thames River from the community of Delaware to Lake St. Clair. It also includes the lands that drain into Lake Erie lying south of the lower Thames River watershed and a small triangle of land north of the mouth of the Thames draining directly into Lake St. Clair. This area includes most of the municipality of Chatham-Kent, the western portion of Elgin County, part of southwestern Middlesex County (including some of the City of London) and a portion of eastern Essex County. The Lower Thames Valley Source Protection Area also includes four First Nation reserves; the Chippewas of the Thames First Nation, Delaware Nation, Munsee-Deleware Nation and Oneida Nation of the Thames. Caldwell First Nation is also established in the area between Leamington and Rondeau Bay; however they currently do not have a reserve. The area covers approximately 3,274 square kilometres with a total watershed population (2001) of about 107,000.

The residents of the Lower Thames Valley Source Protection Area receive most of their municipal drinking water from Lake Erie through 3 intakes. The communities of Ridgetown and Highgate receive their drinking water from municipal wells. Some parts of the watershed within Essex County receive their municipal drinking water from intakes in Lake St. Clair. Although the drinking water for much of the population of the Lower Thames is supplied from municipal drinking water sources, some residents rely on water from private wells.

The St. Clair Region Source Protection Area includes the Sydenham River drainage basin and several smaller watersheds that drain to Lake Huron, the St. Clair River or Lake St. Clair. The Source Protection Area covers over 4,100 square kilometres and includes most of the County of Lambton, part of the Municipality of Chatham-Kent and part of the County of Middlesex with a total watershed population of 167,000. The area also includes three First Nation reserves; Chippewas of Kettle and Stoney Point, Aamjiwnaang, and Walpole Island First Nations.

The residents of the St. Clair Region Source Protection Area receive most of their municipal drinking water from Lake Huron and the St. Clair River through 3 intakes. Parts of Middlesex County receive their municipally supplied drinking water from an intake in Lake Huron outside the Source Protection Region. There are no longer any communities in the St. Clair Region that receive drinking water from municipal wells. Although the drinking water for much of the population of the Lower Thames is supplied from municipal drinking water sources, some residents rely on water from private wells.

The Upper Thames River Source Protection Area includes all areas draining into the Thames River above the community of Delaware. This covers large parts of Oxford, Perth and Middlesex Counties including most of the City of London. Very small portions of Huron and Elgin Counties also drain into the upper Thames River. The area covers approximately 3,423 square kilometres with a total watershed population (2001) of about 472,000. There are no First Nations in the Upper Thames River Source Protection Area.

The residents of the Upper Thames River Source Protection Area receive their municipal drinking water from Lake Huron or Erie through 2 intakes in other Source Protection Areas. Many of the communities in Perth and Oxford Counties rely on groundwater for municipally supplied drinking water. Although the drinking water for much of the population of the Upper Thames is supplied from municipal drinking water sources, many rural residents rely on water from private wells.

IV. At a Glance: Progress on Source Protection Plan Implementation

1. Source Protection Plan Policies

P: Progressing Well/On Target: For the policies that address significant drinking water threats in the TSR Source Protection Plan (volume III), 98% have been fully implemented. Another 2% are currently in progress. Further progress was also made to implement the significant non-legally binding policies with 75% implemented and 25% with some progress made. For policies that address significant drinking water threats in the TSR Source Protection Plan (for Oxford County - volume II), 68% have been fully implemented. Another 32% are currently in progress. Further progress was also made to implement the significant non-legally binding policies with 50% implemented and 32% in progress. Overall, in the Thames-Sydenham Source Protection Region (including both volumes) 85% of significant threat policies have been implemented and 15% are in progress.

2. Municipal Progress: Addressing Risks on the Ground

P: Progressing Well/On Target: 26 municipalities in the Thames-Sydenham and Region (TSR) have vulnerable areas where significant drinking water threat policies apply. These municipalities are required to ensure that their planning and building decisions conform with the Thames-Sydenham and Region SPP, and must also ensure that their Official Plan (or their Upper Tier municipality) conforms with the SPP upon the next Planning Act review. Of the 26 municipalities, 17 must undertake a completion of a Official Plan. 13 of the municipalities in the TSR that have an official plan have completed their required Official Plan conformity exercises. Of the remaining 4 municipalities, 2 are in the process of amending their Official Plan, 2 has not begun their OP exercise but will begin in 2026.

3. Septic Inspections

P: Progressing Well/On Target: Under the Ontario Building Code, any on-site sewage system which has been identified as a significant drinking water threat is required to be inspected once every five years. In the Thames-Sydenham and Region there are seven municipalities which have on-site sewage systems that require mandatory inspection. All seven municipalities are scheduled to inspect their septic tanks in 2027.

4. Risk Management Plans

P : Progressing Well/On Target Two new Risk Management Plans were agreed to in 2025, bringing the Region's total Risk Management Plans to 118. Based on the responses provided by Risk Management Officials, 205 (Section 58) Inspections were carried out in 2025 and 2 new RMPs are currently in-progress. Two are in contravention with s.58 and s.59. A section 58(7) notice has been issued in the fall of 2025. An order will be issued in March 2026 if compliance has not been achieved.

5. Provincial Progress: Addressing Risks on the Ground

P : Progressing Well/On Target Provincial ministries, including MECP, MNRF, MTO and OMAFA, are responsible for the implementation of source protection policies included in the Thames-Sydenham and Region Source Protection Plans. These ministries are reviewing previously issued provincial approvals (e.g., prescribed instruments such as environmental compliance approvals issued under the Environmental Protection Act), where they have been identified as a tool in our plan to address existing activities that pose a significant risk to sources of drinking water. The provincial approvals are being amended or revoked where necessary to conform with plan policies. The ministries have completed this for 100% of previously issued provincial approvals in our source protection region. The above-noted Provincial Ministries have also established Standard Operating Policies to ensure that all new applications submitted for provincial approvals take into account the science generated through the Drinking Water Source Protection Program, and policies in the relevant source protection plan. Where necessary, new prescribed instruments are either being denied or issued with conditions added to ensure that the activity does not pose a significant threat to sources of drinking water. It would be helpful to have more information on sites that have been inspected and have shown non-compliance with no resolution.

6. Source Protection Awareness and Change in Behaviour

Provincial standard road signs mark locations where well-used roads cross into zones where municipal drinking water sources are the most vulnerable to contamination. The road signs provide general public awareness about the sensitivity of the area. They will also alert first responders of the need to quickly inform the appropriate authorities so action can be taken to keep contaminants out of the public water treatment and distribution system. A total of 291 Drinking Water Protection Zone signs have been installed on roadways in the Thames-Sydenham Source Protection Region.

7. Source Protection Plan Policies: Summary of Delays

Incentive programs are not being considered by most organizations in the Thames-Sydenham Region as suggested by Policy 1.04 of the Source Protection Plan. If Provincial funding support were made available to help offset the costs of an incentive programs, more organizations would be open to the consideration of an incentive program. Discretionary Septic System Maintenance Inspections programs targeting moderate and low septic system threats have not yet been considered by municipalities in the Thames-Sydenham and Region. Discretionary inspections are recommended in policy 3.01, and it should be noted that this is a non-legally binding policy. At this point in time, municipalities have been focusing on the mandatory septic inspections as required for septic systems that pose a significant threat to drinking water. More consideration will be given to discretionary inspections once the mandatory inspections are complete. As for Oxford County, their priorities were focused on other systems within the county that was beyond the Thames-Sydenham Source Protection Region. They have no timelines associated with their policies but have recently shifted their focus to their systems within the region and are beginning to address them.

8. Source Water Quality: Monitoring and Actions

Nitrogen at the Woodstock Well System Nitrate occurs in the Thornton wellfield and Tabor wellfield of the Woodstock Drinking Water System. Nitrate levels are routinely above half of the treated water maximum allowable concentration (MAC) of 10 mg/L. Anthropogenic activities associated with agriculture, residential development and wetlands are known sources of nitrate in groundwater. Nitrates were therefore identified as an issue for both the Thornton and Tabor wellfields. An analysis of the nitrate levels in some of the wells for the Thornton wellfield revealed that nitrate levels may be leveling off or decreasing. Additional monitoring was recommended to determine whether an Issue Contributing Area (ICA) was required at the Thornton wellfield. Levels at the Tabor wellfield were significantly lower than those seen in the Thornton wellfield, but appeared to be trending upwards. The wellfield contains two highly productive wells that are a main supply of water to the system. An ICA was therefore delineated for the Tabor wellfield. The County will be moving forward with delineating a Nitrate Issue Contributing Area for the Thornton wellfields.

9. Science-based Assessment Reports: Work Plans

No work plans were required to be implemented for our assessment reports.

10. More from the Watershed

To learn more about our source protection region, visit our Homepage: <https://www.sourcewaterprotection.on.ca/>



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id **Question**
 100 (5320) 1. Identify the measures taken by your program area to integrate source protection into business processes associated with Prescribed Instruments. Check all that apply.

Agency:	MECP - MRDWS - Fuel Handling & Storage	Answer	Completed
	Guidance documents revised or created to align with new program changes for source protection for reference by ministry staff.	Yes	Yes
	Information or other support tools created and/or made available to external stakeholders (i.e. applicants) to inform them that restrictions may result from source protection policies, so that potential impacts can be considered in advance of making an application.	Yes	Yes
	No changes made. If no changes made to business processes to integrate source protection, please explain the reason(s) in comment box.	No	Yes
	Other changes made to business processes. Please provide a brief description in the comment box.	Yes	Yes
	Process in place to map or otherwise geo-reference prescribed instruments that are subject to prescribed instrument policies.	Yes	Yes
	Protocol in place to review previously issued (i.e., existing) prescribed instruments potentially affected by source protection plan policies.	Yes	Yes
	Relevant staff training on source protection related to prescribed instruments including inspections.	Yes	Yes
	Screening process in place to identify incoming prescribed instrument applications potentially affected by source protection plan policies.	Yes	Yes
	System in place to track the prescribed instruments that are subject to source protection plan policies.	Yes	Yes

Comment:

Drinking Water Staff in the Environmental Permissions Branch and Client Services and Permissions Branch (review engineers and program support) have all attended source protection training and are updated on source protection matters during regularly scheduled unit meetings. The Ministry of the Environment, Conservation and Parks has built and provided province wide staff access to an online internal source protection resource library, where they may access source protection policies, protocols, legislation, plans, contacts, guidance and support. In 2024, the ministry entered another round of licence renewals. During this round of renewals (occurring between 2024 and 2027), updated standard source protection conditions are being rolled out to all municipal drinking water systems to address fuel storage and handling significant drinking water threats and ensure they reflect the most current version of the Directors Technical Rules under the Clean Water Act. The ministry has provided outreach to municipalities on these changes.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id Question

100 (5320) 1. Identify the measures taken by your program area to integrate source protection into business processes associated with Prescribed Instruments. Check all that apply.

Agency:	MECP - Permit to Take Water	Answer	Completed
	Guidance documents revised or created to align with new program changes for source protection for reference by ministry staff.	Yes	Yes
	Information or other support tools created and/or made available to external stakeholders (i.e. applicants) to inform them that restrictions may result from source protection policies, so that potential impacts can be considered in advance of making an application.	Yes	Yes
	No changes made. If no changes made to business processes to integrate source protection, please explain the reason(s) in comment box.	Yes	Yes
	Other changes made to business processes. Please provide a brief description in the comment box.	No	Yes
	Process in place to map or otherwise geo-reference prescribed instruments that are subject to prescribed instrument policies.	Yes	Yes
	Protocol in place to review previously issued (i.e., existing) prescribed instruments potentially affected by source protection plan policies.	Yes	Yes
	Relevant staff training on source protection related to prescribed instruments including inspections.	Yes	Yes
	Screening process in place to identify incoming prescribed instrument applications potentially affected by source protection plan policies.	Yes	Yes
	System in place to track the prescribed instruments that are subject to source protection plan policies.	Yes	Yes



Source Water Protection Supplemental Form SPR Ministry Report SPR - Thames, Sydenham and Region - 2025

Comment:

The Ministry has a centralized data system (Integrated Divisional System - IDS), which is an integrated information repository to record, process, review and approve Prescribed Instrument applications submitted via email. The Ministry also has an online platform for environmental permission services. That includes an electronic Permit to Take Water (PTTW) application form built to identify, track and map source protection components of the application. The electronic application form provides a link for applicants that directs them to the Source Protection Information Atlas and has also incorporated source protection layers into the PTTW application mapping tool. Applicants who have proposed water taking sources located in a WHPA-Q1 with a significant stress level or a new or increased water taking source located in a WHPA-Q1 with a moderate stress level (new or increased in a moderate stress level are considered significant drinking water threats) are directed to contact the regional office to further discuss their application. Applicants will also be provided with direct links to the source protection policies and are asked to take these policies into consideration during the development of their permit application. The ministry continues to accept permit applications through completed application forms submitted via email and a tracking system has been implemented for applications that are processed through the Integrated Divisional System. This tracking system will remain in effect until all PTTW applications have been transitioned to the online platform for environmental permission services. Source protection water quantity vulnerable area data has been made available to the Drinking Water and Environmental Compliance Division of the ministry. Sites with active water taking permits within source protection water quantity vulnerable areas will be identified and compliance inspections will be planned based on risk analysis. The ministry has a Source Water Protection Information Atlas, including a mapping tool, in a Geocortex platform that allows staff to search a location for source protection water quantity vulnerability and follow the links to source protection plan policies and threats to find out if water taking is a drinking water threat and needs to be managed using a PTTW instrument. Source protection and PTTW layers have also been added to regional ArcGIS. This Ministry has provided access and training to technical staff regarding the mapping tools and the Tier 3 water budget. In April 2016, the ministry developed a Standard Operating Policy (SOP #PTTW-SP-PI-02) which updated the Standard Operating Policy that took effect January 2015. A summary of the Ministry's Standard Operating Policies was published on the Environmental Registry in April 2015 (EBR #012-2968) and continues to be available. While the Standard Operating Policies summary from 2015 noted the Ministry had determined instrument changes were not required to address the PTTW instrument policies, the April 2016 Standard Operating Policy provides staff with direction and guidance to screen/review/amend/approve previously issued (i.e., existing) and new PTTW applications to conform with the source protection plan prescribed instrument policies where a water taking is or would be a significant water quantity threat. No changes were made to business processes since business processes are already in place to integrate source protection and no changes were required in 2025.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id Question

100 (5320) 1. Identify the measures taken by your program area to integrate source protection into business processes associated with Prescribed Instruments. Check all that apply.

Agency: MECP - Pesticides

	Answer	Completed
Guidance documents revised or created to align with new program changes for source protection for reference by ministry staff.	Yes	Yes
Information or other support tools created and/or made available to external stakeholders (i.e. applicants) to inform them that restrictions may result from source protection policies, so that potential impacts can be considered in advance of making an application.	Yes	Yes
No changes made. If no changes made to business processes to integrate source protection, please explain the reason(s) in comment box.	Yes	Yes
Other changes made to business processes. Please provide a brief description in the comment box.	Yes	Yes
Process in place to map or otherwise geo-reference prescribed instruments that are subject to prescribed instrument policies.	Yes	Yes
Protocol in place to review previously issued (i.e., existing) prescribed instruments potentially affected by source protection plan policies.	Yes	Yes
Relevant staff training on source protection related to prescribed instruments including inspections.	Yes	Yes
Screening process in place to identify incoming prescribed instrument applications potentially affected by source protection plan policies.	Yes	Yes
System in place to track the prescribed instruments that are subject to source protection plan policies.	Yes	Yes

Comment:

Measures were implemented in 2015. Changes to the Ministry's centralized data system (Integrated Divisional System - IDS) for the Pesticide Permit Module were completed in 2017. These changes include Source Protection Plan specific selections to facilitate extracting relevant Source Protection information from pesticide information reports. The modifications completed effectively enables automated tracking/reporting capabilities. There have been no updates to the IDS Pesticide Permit Module since 2017. New staff are trained on the process and requirements as needed.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id Question

100 (5320) 1. Identify the measures taken by your program area to integrate source protection into business processes associated with Prescribed Instruments. Check all that apply.

Agency:	MECP - Wastewater/Sewage Works	Answer	Completed
	Guidance documents revised or created to align with new program changes for source protection for reference by ministry staff.	Yes	Yes
	Information or other support tools created and/or made available to external stakeholders (i.e. applicants) to inform them that restrictions may result from source protection policies, so that potential impacts can be considered in advance of making an application.	Yes	Yes
	No changes made. If no changes made to business processes to integrate source protection, please explain the reason(s) in comment box.	Yes	Yes
	Other changes made to business processes. Please provide a brief description in the comment box.	No	Yes
	Process in place to map or otherwise geo-reference prescribed instruments that are subject to prescribed instrument policies.	Yes	Yes
	Protocol in place to review previously issued (i.e., existing) prescribed instruments potentially affected by source protection plan policies.	Yes	Yes
	Relevant staff training on source protection related to prescribed instruments including inspections.	Yes	Yes
	Screening process in place to identify incoming prescribed instrument applications potentially affected by source protection plan policies.	Yes	Yes
	System in place to track the prescribed instruments that are subject to source protection plan policies.	Yes	Yes

Comment:

Our existing process already integrates source protection.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id Question

100 (5320) 1. Identify the measures taken by your program area to integrate source protection into business processes associated with Prescribed Instruments. Check all that apply.

Agency:	MECP - WDS - Hauled Sewage, Biosolids	Answer	Completed
	Guidance documents revised or created to align with new program changes for source protection for reference by ministry staff.	Yes	Yes
	Information or other support tools created and/or made available to external stakeholders (i.e. applicants) to inform them that restrictions may result from source protection policies, so that potential impacts can be considered in advance of making an application.	Yes	Yes
	No changes made. If no changes made to business processes to integrate source protection, please explain the reason(s) in comment box.	No	Yes
	Other changes made to business processes. Please provide a brief description in the comment box.	No	Yes
	Process in place to map or otherwise geo-reference prescribed instruments that are subject to prescribed instrument policies.	Yes	Yes
	Protocol in place to review previously issued (i.e., existing) prescribed instruments potentially affected by source protection plan policies.	Yes	Yes
	Relevant staff training on source protection related to prescribed instruments including inspections.	Yes	Yes
	Screening process in place to identify incoming prescribed instrument applications potentially affected by source protection plan policies.	Yes	Yes
	System in place to track the prescribed instruments that are subject to source protection plan policies.	Yes	Yes

Comment:

No changes were made in 2025 because the current process is already working effectively. Source protection has been fully integrated since 2015, and no further adjustments were required.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id Question

100 (5320) 1. Identify the measures taken by your program area to integrate source protection into business processes associated with Prescribed Instruments. Check all that apply.

Agency: **MECP - WDS - Landfilling and Storage**

	Answer	Completed
Guidance documents revised or created to align with new program changes for source protection for reference by ministry staff.	Yes	Yes
Information or other support tools created and/or made available to external stakeholders (i.e. applicants) to inform them that restrictions may result from source protection policies, so that potential impacts can be considered in advance of making an application.	Yes	Yes
No changes made. If no changes made to business processes to integrate source protection, please explain the reason(s) in comment box.	Yes	Yes
Other changes made to business processes. Please provide a brief description in the comment box.	No	Yes
Process in place to map or otherwise geo-reference prescribed instruments that are subject to prescribed instrument policies.	Yes	Yes
Protocol in place to review previously issued (i.e., existing) prescribed instruments potentially affected by source protection plan policies.	Yes	Yes
Relevant staff training on source protection related to prescribed instruments including inspections.	Yes	Yes
Screening process in place to identify incoming prescribed instrument applications potentially affected by source protection plan policies.	Yes	Yes
System in place to track the prescribed instruments that are subject to source protection plan policies.	Yes	Yes

Comment:

No changes were made to business processes since business processes are already in place to integrate source protection and no changes were required in 2025.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id Question

100 (5320) 1. Identify the measures taken by your program area to integrate source protection into business processes associated with Prescribed Instruments. Check all that apply.

Agency:	MNRF	Answer	Completed
	Guidance documents revised or created to align with new program changes for source protection for reference by ministry staff.	Yes	Yes
	Information or other support tools created and/or made available to external stakeholders (i.e. applicants) to inform them that restrictions may result from source protection policies, so that potential impacts can be considered in advance of making an application.	Yes	Yes
	No changes made. If no changes made to business processes to integrate source protection, please explain the reason(s) in comment box.	No	Yes
	Other changes made to business processes. Please provide a brief description in the comment box.	No	Yes
	Process in place to map or otherwise geo-reference prescribed instruments that are subject to prescribed instrument policies.	Yes	Yes
	Protocol in place to review previously issued (i.e., existing) prescribed instruments potentially affected by source protection plan policies.	Yes	Yes
	Relevant staff training on source protection related to prescribed instruments including inspections.	Yes	Yes
	Screening process in place to identify incoming prescribed instrument applications potentially affected by source protection plan policies.	Yes	Yes
	System in place to track the prescribed instruments that are subject to source protection plan policies.	Yes	Yes

Comment:



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id Question

100 (5320) 1. Identify the measures taken by your program area to integrate source protection into business processes associated with Prescribed Instruments. Check all that apply.

Agency:	MTO - Fuel	Answer	Completed
	Guidance documents revised or created to align with new program changes for source protection for reference by ministry staff.	Yes	Yes
	Information or other support tools created and/or made available to external stakeholders (i.e. applicants) to inform them that restrictions may result from source protection policies, so that potential impacts can be considered in advance of making an application.	Yes	Yes
	No changes made. If no changes made to business processes to integrate source protection, please explain the reason(s) in comment box.	No	Yes
	Other changes made to business processes. Please provide a brief description in the comment box.	Yes	Yes
	Process in place to map or otherwise geo-reference prescribed instruments that are subject to prescribed instrument policies.	Yes	Yes
	Protocol in place to review previously issued (i.e., existing) prescribed instruments potentially affected by source protection plan policies.	Yes	Yes
	Relevant staff training on source protection related to prescribed instruments including inspections.	Yes	Yes
	Screening process in place to identify incoming prescribed instrument applications potentially affected by source protection plan policies.	Yes	Yes
	System in place to track the prescribed instruments that are subject to source protection plan policies.	Yes	Yes

Comment:



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id Question

100 (5320) 1. Identify the measures taken by your program area to integrate source protection into business processes associated with Prescribed Instruments. Check all that apply.

Agency: OMAFRA

	Answer	Completed
Guidance documents revised or created to align with new program changes for source protection for reference by ministry staff.	Yes	Yes
Information or other support tools created and/or made available to external stakeholders (i.e. applicants) to inform them that restrictions may result from source protection policies, so that potential impacts can be considered in advance of making an application.	Yes	Yes
No changes made. If no changes made to business processes to integrate source protection, please explain the reason(s) in comment box.	No	Yes
Other changes made to business processes. Please provide a brief description in the comment box.	Yes	Yes
Process in place to map or otherwise geo-reference prescribed instruments that are subject to prescribed instrument policies.	Yes	Yes
Protocol in place to review previously issued (i.e., existing) prescribed instruments potentially affected by source protection plan policies.	Yes	Yes
Relevant staff training on source protection related to prescribed instruments including inspections.	Yes	Yes
Screening process in place to identify incoming prescribed instrument applications potentially affected by source protection plan policies.	Yes	Yes
System in place to track the prescribed instruments that are subject to source protection plan policies.	Yes	Yes

Comment:

Other changes made: approvals process revised to delegate letter of conformity preparation for instruments not approved by OMAFRA to certified person.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question	Agency	Answer	Completed
200 (5321)	2. Does your ministry program area have a process in place for ensuring decisions for incoming Prescribed Instrument applications (new or amendments) conform with SIGNIFICANT drinking water threat policies?	MECP - MRDWS - Fuel Handling & Storage	Yes	Yes

Comment:

In 2024 the ministry entered another round of licence renewals. During this round of renewals (occurring between 2024 and 2027), updated standard source protection conditions are being rolled out to all municipal drinking water systems to address fuel storage and handling significant drinking water threats and ensure they reflect the most current version of the Directors Technical Rules under the Clean Water Act. The updated conditions will preauthorize alterations to fuel storage and handling at municipal drinking water systems under the condition the owner assesses all new and existing fuel storage and handling against the most current Technical Rules to identify if fuel storage and handling associated with the drinking water system is a significant drinking water threat. The conditions require documentation of the fuel storage assessment, implementation of annual TSSA inspections for any identified fuel storage significant threats, and require the owner to implement any additional source protection policies identified by their local source protection plan. The fuel storage assessments are to be reviewed regularly to ensure they remain up to date and conform to current policies. In 2025, 86 municipal drinking water licences were renewed and contain these updated conditions. For those licences that have not yet been renewed, alterations to fuel storage and handling are not yet preauthorized and still require an application to the ministry before they can proceed. These applications will continue to be reviewed by the ministry to determine if fuel storage or handling activities are being proposed, and if these activities present a significant threat based on the most current Technical Rules. Where a significant threat is identified, conditions are added to the prescribed instrument (Drinking Water Works Permit or Municipal Drinking Water Licence) to address source protection plan policies, and typically include the requirement for the owner to undertake an annual TSSA inspection of the their fuel-oil system.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
200 (5321)	2. Does your ministry program area have a process in place for ensuring decisions for incoming Prescribed Instrument applications (new or amendments) conform with SIGNIFICANT drinking water threat policies?

Agency	Answer	Completed
MECP - Permit to Take Water	Yes	Yes

Comment:

As part of the current PTTW review and decision making process, the ministry is using best available science to assess the sustainability and potential impacts to municipal drinking water systems, other users, and the natural and built environment. The Ministry has fully operationalized the Standard Operating Policy. As per the Standard Operating Policy, ministry staff are required to consider the information and conclusions of Tier 3 Water Budgets in addition to the site specific technical information provided in the support of the application for the purposes of incorporating Source Protection Plan policies into the PTTW review and decision-making process.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
200 (5321)	2. Does your ministry program area have a process in place for ensuring decisions for incoming Prescribed Instrument applications (new or amendments) conform with SIGNIFICANT drinking water threat policies?

Agency	Answer	Completed
MECP - Pesticides	Yes	Yes

Comment:



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
200 (5321)	2. Does your ministry program area have a process in place for ensuring decisions for incoming Prescribed Instrument applications (new or amendments) conform with SIGNIFICANT drinking water threat policies?

Agency	Answer	Completed
MECP - Wastewater/Sewage Works	Yes	Yes

Comment:

Since January 2015, every application for a new or amended prescribed instrument goes through a 'primary screening' to determine if the activity associated with the application is located in one of the following: a wellhead protection area or intake protection zone with a vulnerability score of 8 or higher, an issues contributing area, or an event-based area. If any of the above criteria apply, the prescribed instrument application is flagged for a more detailed 'secondary screening' to determine if the activity associated with the application is a significant drinking water threat. At the secondary screening stage, ministry staff use the Environmental Compliance Approval (ECA) application, other project-specific documents, the Source Protection Information Atlas online mapping tool, and the 2021 Technical Rules to determine if the proposed activity poses a significant drinking water threat (SDWT) activity. Where the proposed activity is assessed as posing a SDWT activity, the Ministry of the Environment, Conservation and Parks (MECP)'s Standard Operating Policy (SOP) related to the design and/or operational requirements and the applicable source protection plan (SPP) are referenced to inform the decision to be taken to ensure the new or amended ECA conforms with the applicable prescribed instrument (PI) policy to either manage or prohibit the activity. As legally required, where a source protection policy that relies on a PI to prohibit an activity that is a significant drinking water threat, the ministry conforms to the policy by refusing to issue an instrument for the activity. Source protection policies may be just one of the reasons an application is denied. Where a SPP policy outcome is to manage a significant threat to drinking water sources through the PI for sewage works, the ministry is meeting the policy's obligations by including design and operational measures in an ECA. To assist in the implementation of this approach, anyone subject to policy requiring management of a SDWT is required to include in their application a description of the measures necessary to protect drinking water and submit a 'Source Protection Supplementary Report' to outline how the activity for the sewage works will be managed so that the activity will not become a SDWT. As a precautionary and pollution prevention approach is fundamental to the design of all sewage works, additional measures are assessed on a site-specific basis. In addition to this, where a municipality is constructing preauthorized sewage collection or storm water management works under a Consolidated Linear Infrastructure ECA, conditions of the ECA require municipalities to evaluate proposed works for significant drinking water threats and where a significant threat is identified, implement risk management measures according to the ministry's Standard Operating Policy and applicable source protection plan policies. In addition to the SOP, we have provided detailed guidance via email to affected municipalities "Source Protection Information Bulletin: Environmental Compliance Approvals for Sewage Works (2015)". The ministry emailed this draft information bulletin to municipalities affected by source protection plans in early June 2015. A public version of all MECP program area standard operating policies was posted on the Environmental Registry on April 1, 2015 under EBR #012-2968.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
200 (5321)	2. Does your ministry program area have a process in place for ensuring decisions for incoming Prescribed Instrument applications (new or amendments) conform with SIGNIFICANT drinking water threat policies?

Agency	Answer	Completed
MECP - WDS - Hauled Sewage, Biosolids	Yes	Yes

Comment:

Since January 2015, every application received by the ministry for a new or amended hauled sewage or processed organic waste (including biosolids) spreading site prescribed instrument goes through a source protection screening to determine if the activity associated with the application is located in any of the following areas where the land application and/or storage of hauled sewage or processed organic waste could be considered to be a significant drinking water threat, this includes sites located within: •A wellhead protection area with vulnerability score of 10 •An intake protection zone with vulnerability score of 8 or higher •An issues contributing area linked to pathogens, phosphorus or nitrates If necessary, the prescribed instrument undergoes a more detailed screening to help confirm the potential threat level of the operation at the site in question. Once the appropriate potential threat classification is determined, the applicable standard operating policy is applied. As legally required, where a source protection policy that relies on a waste disposal site prescribed instrument issued under the Environmental Protection Act for implementation prohibits an activity that is a significant drinking water threat, the ministry is conforming to the policy by refusing to issue an approval for the activity in that area. Source protection policies may be just one of the reasons an application is denied. Note that an approval may still be issued for those portions of the site where the activity is not considered to be a significant drinking water threat. For applicants proposing to apply or dispose of untreated hauled sewage (e.g. waste from septic tanks and holding tanks, etc.) to land in areas where this activity would be a significant drinking water threat, the ministry is not issuing an approval, even if a source protection plan policy allows for managing the threat through the Environmental Compliance Approval. MECP is responsible for regulating the land application of processed organic waste (e.g. digested sewage biosolids, processed organic food waste, pulp and paper biosolids, off-spec composts and other organic wastes etc.) on non-agricultural sites. At these sites, processed organic waste storage and land application is typically regulated with an "Organic Soil Conditioning Site" or "Processed Organic Waste Site" Environmental Compliance Approval issued under Part V of the Environmental Protection Act. To be consistent with O. Reg. 267/03 under the Nutrient Management Act, for applications seeking to store or land apply biosolids within 100 metres of a municipal well, the ministry is not issuing any approval for the land application or storage of this material regardless of the policy in the local source protection plan. Outside this zone, where the policy outcome is to manage the threat, MECP is taking a local approach to any approvals for the land application or storage of this material.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
200 (5321)	2. Does your ministry program area have a process in place for ensuring decisions for incoming Prescribed Instrument applications (new or amendments) conform with SIGNIFICANT drinking water threat policies?

Agency	Answer	Completed
MECP - WDS - Landfilling and Storage	Yes	Yes

Comment:

Since May 2015, every application for a new or amended waste disposal site prescribed instrument goes through a "primary screening" to determine if the activity is located in an area where the activity could be a significant drinking water threat. The vulnerable areas are the following: • A wellhead protection area or intake protection zone with a vulnerability score of 8 or higher, • An issues contributing area, or • An event-based area. If any of the above criteria apply, the ECA application is flagged for a more detailed 'secondary screening' to determine if the activity associated with the application is a significant drinking water threat. At the secondary screening stage, ministry staff use the ECA application, other project-specific documents, the Source Protection Information Atlas online mapping tool, and the 2021 Technical Rules to determine if the proposed activity poses a significant drinking water threat (SDWT) activity. Where the proposed activity is assessed as posing a SDWT activity, the MECP's Standard Operating Policy (SOP) related to the design and/or operational requirements and the applicable source protection plan (SPP) are referenced to inform the decision to be taken to ensure the new or amended ECA conforms with the applicable prescribed instrument (PI) policy to either manage or prohibit the activity. As legally required, where a source protection policy that relies on a PI to prohibit an activity that is a significant drinking water threat, the Ministry conforms to the policy by refusing to issue an instrument for the activity. It should be noted that an ECA application may also be refused for reasons outside of source protection policies. Where a SPP policy outcome is to manage the activity for a waste disposal site, the Ministry will conform to the policy by continuing to apply protective requirements under the Environmental Protection Act, the Environmental Assessment Act, and existing regulations, policies, and guidelines. New waste disposal ECAs include stringent terms and conditions that consider the protection of drinking water sources such as requirements for: - buffer lands, and appropriate setbacks from wellheads or intake zones; - financial assurance (for privately owned sites) to ensure that if a proponent is unable or unwilling to meet their responsibilities for the site or if the site is abandoned, the site is properly closed and maintained to ensure it does not pose a risk to the environment, including drinking water sources. In addition to the SOP, we have provided detailed guidance to affected municipalities "Source Protection Information Bulletin: Environmental Compliance Approvals for Waste Disposal Sites (2015)". The Ministry emailed this draft information bulletin to municipalities affected by source protection plans in early June, 2015. A public version of all MECP program area Standard Operating Policies was posted on the Environmental Registry on April 1, 2015 under EBR #012-2968.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question	Agency	Answer	Completed
200 (5321)	2. Does your ministry program area have a process in place for ensuring decisions for incoming Prescribed Instrument applications (new or amendments) conform with SIGNIFICANT drinking water threat policies?	MNRF	Yes	Yes

Comment:

MNR Aggregate Specialists have received an overview of Source Protection and applicable Source Protection policies and have been instructed to screen new applications and amendments using the mapping tool developed by MECP. All new aggregate licence and permit applications submitted to MNR must be circulated to the Upper and Lower Tier Municipality for review and comment. In addition, all new licence applications must be circulated to the local Conservation Authority for review and comment. All new aggregate licences and permits issued since 1997 contain conditions prescribed in regulation that requires that fuel storage tanks are installed and maintained in accordance with the Technical Standards and Safety Act and must ensure that a spill contingency plan is developed prior to any operation of the pit or quarry and followed during the operations. All new aggregate licences and permits must also identify the location of existing and proposed fuel storage areas on the site plan. In addition, the site plans also identify the elevation of the water table and regulate extraction depths. All new aggregate licence and permit applications must submit a Maximum Predicted Water Table Report that details how the maximum predicted water table is identified in metres above sea level, relative to the proposed depth of excavation at the site. All new applications that propose to extract below the water table must complete a Water Report in accordance with the Aggregate Resources of Ontario: Technical Report and Information Standards: Water Report Level 1: A level 1 Water Report is required to determine the potential for impacts to ground water and surface water resources and their uses (e.g. water wells, ground water aquifers, surface water courses and bodies, springs, discharge areas) and identify if the proposed site is in a Wellhead Protection Area for Quantity (WHPA-Q) set out in an applicable source water protection plan under the Clean Water Act. The report must identify applicable source water protection policies and mitigation measures that will be implemented at the site. Water Report Level 2: Where the results of a Level 1 Water Report have identified a potential for impacts from the aggregate site on ground water and/or surface water resources and their uses, an impact assessment is required. The assessment is to determine the significance of the effect and the potential for mitigation. Monitoring programs or mitigation measures identified in the technical reports are written into the site plan to ensure their implementation and enforceability. A new licence or permit application in which a Level 2 Water Report was completed must be circulated to the MECP. Summary Statement: All applicants for a new Aggregate Licence or Permit must include in a Summary Statement if the proposed site is in a source protection area under the Clean Water Act and identify activities proposed at the site that are drinking water threats set out in applicable source protection plans, and provide details of how relevant source water protection policies will be followed and associated mitigation measures that will be implemented. Requirements to support an amendment to an existing aggregate licence or permit to lower the depth of extraction in an area of the operation that does not allow extraction below the water table include: Source Water Considerations: If the site is in a source protection area under the Clean Water Act, the request must identify activities proposed at the site that are drinking water threats set out in applicable source protection plans, and provide details of how relevant source water protection policies will be followed and associated mitigation measures that will be implemented.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question	Agency	Answer	Completed
200 (5321)	2. Does your ministry program area have a process in place for ensuring decisions for incoming Prescribed Instrument applications (new or amendments) conform with SIGNIFICANT drinking water threat policies?	MTO - Fuel	Yes	Yes

Comment:

For Permit applications, a Summary Statement and Technical Reports shall accompany the application as specified in Part 2 of the Aggregate Resources of Ontario Standards (AROS). If the proposed site is in a source protection area under the Clean Water Act, the Summary Statement shall: Identify activities proposed at the site that are drinking water threats, as set out in the applicable source protection plans. Provide details on how relevant source water protection policies will be followed and outline associated mitigation measures to be implemented. Permit applications shall include: (i) a Maximum Predicted Water Table Report, and (ii) a Water Report, where extraction below the maximum predicted water table is proposed. These Technical Reports shall be prepared by a Qualified Person (QP), defined as a registered Professional Geoscientist or an exempted Professional Engineer with appropriate training and experience in accordance with the Professional Geoscientists Act, 2000. 2.i. Maximum Predicted Water Table Report This report details how the maximum predicted water table is identified in meters above sea level, relative to the proposed depth of excavation at the site. Excavation shall not occur within: 1.5 meters above the maximum predicted water table in a pit, or 2 meters above the maximum predicted water table in a quarry. 2.ii. Water Report Applications proposing excavation below the maximum predicted water table shall complete a Water Report - Level 1 to determine potential impacts on groundwater and surface water resources and their uses. A Water Report - Level 2 is required if the Level 1 report identifies potential impacts from the aggregate site on groundwater and/or surface water resources and their uses. The Level 2 report shall: Be completed by a QP. Address the items specified in Part 2 of the AROS. Include any required monitoring plans, which must then be incorporated into the site plans. In accordance with the mandatory requirements of the AROS, all new Aggregate and Wayside Permit applications must be circulated to the Upper and Lower Tier Municipality for review and comment. The Ministry of the Environment, Conservation and Parks is copied on those Permit applications that require a Level 2 Water Report. Feedback provided to MTO is considered during the application review and approvals process.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question	Agency	Answer	Completed
200 (5321)	2. Does your ministry program area have a process in place for ensuring decisions for incoming Prescribed Instrument applications (new or amendments) conform with SIGNIFICANT drinking water threat policies?	OMAFRA	Yes	Yes

Comment:

Each new prescribed instrument application and application for amendment to exiting prescribed instruments that is received goes through a detailed screening for source water protection policies. The farm has a municipal tax roll number associated with it that is searched using a Geographic Information System (GIS) mapping application. Once the farm is located, several source water protection layers are turned on to determine if any policies apply to the area. If not, the review carries on as normal. If policies may apply then the vulnerability score is determined to see if the activity is a significant drinking water threat, and if so, we determine what policies apply and add applicable conditions, if necessary, to the prescribed instrument approval.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question	Answer	Completed
300 (5322)	3. Does your ministry program area have a process in place for ensuring decisions for incoming Prescribed Instrument applications (new or amendments) have regard to any MODERATE and/or LOW drinking water threat policies?	Yes	Yes

Comment:

As part of the current round of municipal drinking water licence renewals (with updated licences being issued between 2024-2027), licence conditions are being amended to ensure municipal drinking water system owners assess potential new and existing fuel storage and handling threats per the most current version of the technical rules and local source protection plan policies, and implement mitigation measures where policies apply, including those for moderate and/or low drinking water threats. Where fuel storage and handling activities are considered an SDWT, municipalities must conform to source protection plan policies per conditions of their licence.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question	Answer	Completed
300 (5322)	3. Does your ministry program area have a process in place for ensuring decisions for incoming Prescribed Instrument applications (new or amendments) have regard to any MODERATE and/or LOW drinking water threat policies?	Yes	Yes

Comment:

There are no moderate policies that rely on the PTTW instrument in the approved plans. Prescribed instrument policies which address new and increased water takings in WHPA-Q1's with a high or moderate stress (risk) level are all classified as 'significant' threat policies.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
300 (5322)	3. Does your ministry program area have a process in place for ensuring decisions for incoming Prescribed Instrument applications (new or amendments) have regard to any MODERATE and/or LOW drinking water threat policies?

Agency	Answer	Completed
MECP - Pesticides	Yes	Yes

Comment:

Refer to Environmental Registry No. 012-2968 for details on the Standard Operating Policy for MECP program areas. The Ministry has determined that for pesticide permits where the activity is deemed to be a moderate or low drinking water threat, the existing review and approval processes for prescribed instruments satisfy the requirements of source protection prescribed instrument policies. For activities that are moderate or low drinking water threats, no additional measures beyond the existing approval requirements are required related to source protection prescribed instrument policies.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
300 (5322)	3. Does your ministry program area have a process in place for ensuring decisions for incoming Prescribed Instrument applications (new or amendments) have regard to any MODERATE and/or LOW drinking water threat policies?

Agency	Answer	Completed
MECP - Wastewater/Sewage Works	Yes	Yes

Comment:

As outlined in the 2015 standard operating policies posted on the Environmental Registry on April 1, 2015 under EBR #012-2968, the ministry has reviewed moderate and low drinking water threat policies for all its program areas and determined that the current site specific processes for the review and approval of sewage works / wastewater environmental compliance approval applications meets the requirements of these policies.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question	Agency	Answer	Completed
300 (5322)	3. Does your ministry program area have a process in place for ensuring decisions for incoming Prescribed Instrument applications (new or amendments) have regard to any MODERATE and/or LOW drinking water threat policies?	MECP - WDS - Hauled Sewage, Biosolids	Yes	Yes

Comment:

The measures described below have been adopted by MECP for approvals issued under Part V of the Environmental Protection Act for hauled sewage disposal sites and processed organic waste (including biosolids) sites. The ministry issues Environmental Compliance Approvals (ECAs) authorizing the land application of hauled sewage in locations where the activity is identified as a moderate or low drinking water threat. As part of the ECA, terms and conditions require that the site be designed, constructed, and operated in a manner that meets environmental protection requirements and safeguards drinking water sources. Hauled sewage surface spreading site ECAs also include terms and conditions addressing spill prevention procedures and restricting land application activities to sites that meet specified standards, including maximum permitted slope, soil permeability requirements, minimum setbacks, storage requirements, a prohibition on winter spreading, and record keeping requirements. Processed organic waste sites approved by the ministry for the land application or storage of processed organic waste also undergo screening to identify potential low or moderate drinking water threats. For these sites, MECP is taking a local approach to the review and approval of each site. The results of all source protection screening for hauled sewage and processed organic waste ECA applications submitted to the ministry are centrally tracked.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
300 (5322)	3. Does your ministry program area have a process in place for ensuring decisions for incoming Prescribed Instrument applications (new or amendments) have regard to any MODERATE and/or LOW drinking water threat policies?

Agency	Answer	Completed
MECP - WDS - Landfilling and Storage	Yes	Yes

Comment:

As noted in the standard operating policy posted on the Environmental Registry on April 1, 2015 under Environmental Registry #012-2968, the ministry has reviewed moderate and low drinking water threat policies for all its program areas and determined that current site-specific processes for the review and approval of the majority of instruments meets the requirements of these policies (exception is hauled sewage sites).



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
300 (5322)	3. Does your ministry program area have a process in place for ensuring decisions for incoming Prescribed Instrument applications (new or amendments) have regard to any MODERATE and/or LOW drinking water threat policies?

Agency	Answer	Completed
MNRF	Yes	Yes

Comment:

MNR Aggregate Specialists have received an overview of Source Protection and applicable Source Protection policies and have been instructed to screen new applications and amendments using the mapping tool developed by MECP. All new aggregate licence and permit applications submitted to MNR must be circulated to the Upper and Lower Tier Municipality for review and comment. In addition, all new licence applications must be circulated to the local Conservation Authority for review and comment. All new aggregate licences and permits issued since 1997 contain conditions prescribed in regulation that requires that fuel storage tanks are installed and maintained in accordance with the Technical Standards and Safety Act and must ensure that a spill contingency plan is developed prior to any operation of the pit or quarry and followed during the operations. All new aggregate licences and permits must also identify the location of existing and proposed fuel storage areas on the site plan. In addition, the site plans also identify the elevation of the water table and regulate extraction depths. All new aggregate licence and permit applications must submit a Maximum Predicted Water Table Report that details how the maximum predicted water table is identified in metres above sea level, relative to the proposed depth of excavation at the site. All new applications that propose to extract below the water table must complete a Water Report in accordance with the Aggregate Resources of Ontario: Technical Report and Information Standards: Water Report Level 1: A level 1 Water Report is required to determine the potential for impacts to ground water and surface water resources and their uses (e.g. water wells, ground water aquifers, surface water courses and bodies, springs, discharge areas) and identify if the proposed site is in a Wellhead Protection Area for Quantity (WHPA-Q) set out in an applicable source water protection plan under the Clean Water Act. The report must identify applicable source water protection policies and mitigation measures that will be implemented at the site. Water Report Level 2: Where the results of a Level 1 Water Report have identified a potential for impacts from the aggregate site on ground water and/or surface water resources and their uses, an impact assessment is required. The assessment is to determine the significance of the effect and the potential for mitigation. Monitoring programs or mitigation measures identified in the technical reports are written into the site plan to ensure their implementation and enforceability. A new licence or permit application in which a Level 2 Water Report was completed must be circulated to the MECP. Summary Statement: All applicants for a new Aggregate Licence or Permit must include in a Summary Statement if the proposed site is in a source protection area under the Clean Water Act and identify activities proposed at the site that are drinking water threats set out in applicable source protection plans, and provide details of how relevant source water protection policies will be followed and associated mitigation measures that will be implemented. Requirements to support an amendment to an existing aggregate licence or permit to lower the depth of extraction in an area of the operation that does not allow extraction below the water table include: Source Water Considerations: If the site is in a source protection area under the Clean Water Act, the request must identify activities proposed at the site that are drinking water threats set out in applicable source protection plans, and provide details of how relevant source water protection policies will be followed and associated mitigation measures that will be implemented.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
300 (5322)	3. Does your ministry program area have a process in place for ensuring decisions for incoming Prescribed Instrument applications (new or amendments) have regard to any MODERATE and/or LOW drinking water threat policies?

Agency	Answer	Completed
MTO - Fuel	Yes	Yes

Comment:

Permit applications shall include: (i) a Maximum Predicted Water Table Report, and (ii) a Water Report, where the proposal involves extraction below the maximum predicted water table. These technical reports shall be prepared by a Qualified Person (QP), defined as a registered Professional Geoscientist or an exempted Professional Engineer with appropriate training and experience, in accordance with the Professional Geoscientists Act, 2000. (i) Maximum Predicted Water Table Report This report details how the maximum predicted water table is identified in meters above sea level, relative to the proposed depth of excavation at the site. Excavation above the water table shall not occur within 1.5 meters above the maximum predicted water table in a pit or within 2 meters above the maximum predicted water table in a quarry. (ii) Water Report Applications proposing excavation below the maximum predicted water table shall include a Water Report - Level 1 to determine the potential for impacts on groundwater and surface water resources and their uses. A Water Report - Level 2 is required if the Level 1 report identifies a potential for impacts from the aggregate site on groundwater and/or surface water resources and their uses. The Level 2 report shall be completed by a QP and address the items specified in Part 2 of the AROS. It must also include any required monitoring plans, which are then incorporated into the site plans. In accordance with the mandatory requirements of the AROS, all new Aggregate and Wayside Permit applications must be circulated to the upper- and lower-tier municipalities for review and comment. The Ministry of the Environment, Conservation and Parks shall be copied on those permit applications that require completion of a Level 2 Water Report. Feedback provided to MTO is considered during the application review and approval process.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question	Agency	Answer	Completed
300 (5322)	3. Does your ministry program area have a process in place for ensuring decisions for incoming Prescribed Instrument applications (new or amendments) have regard to any MODERATE and/or LOW drinking water threat policies?	OMAFRA	Yes	Yes

Comment:

It is OMAFRA's position that the requirements and standards of the Nutrient Management Act, 2002 and Nutrient Management Regulation are adequate in most cases to manage moderate and low threat activities when followed in a Nutrient Management Strategy, Nutrient Management Plan, or Non-Agricultural Source Material plan. This position is based on the fact that the Regulation contains extensive land application standards and siting and construction requirements. Experience has shown that detailed review of moderate and low threat activities in typical Nutrient Management Strategy and Non-Agricultural Source Material plans has not resulted in the need for additional measures to be added to approvals when the Nutrient Management Regulation is being followed. However, OMAFRA will exercise due diligence during review of these Nutrient Management Strategy and Non-Agricultural Source Material plans, and expects that Nutrient Management Strategy, Nutrient Management Plan, and Non-Agricultural Source Material plan preparers do so as well. Where Source Protection Plan policies are in place for OMAFRA to consider additional measures to manage moderate and low drinking water threats in a Nutrient Management Strategy or Non-Agricultural Source Material plan, OMAFRA considers complying with the requirements of the Nutrient Management Regulation sufficient to protect drinking water in these cases. However, consideration for conditions to address moderate or low threat activities will still be given for complex or unique scenarios in Nutrient Management Strategy or Non-Agricultural Source Material plans.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id **Question**
400 (5327) 4.1 Number of applications that underwent detailed review for source protection.

Agency	Answer	Comment	Completed
MECP - MRDWS - Fuel Handling & Storage	0		Yes
MECP - Permit to Take Water	0	PTTW applications were screened for source protection by the ministry. There were no applications in the 2025 reporting period with a Significant Drinking Water Threat (SDWT) designation that would have triggered a comprehensive Source Protection policy review.	Yes
MECP - Pesticides	0	The ministry did not receive any pesticide permit applications for Prescribed Instruments in this SPA.	Yes
MECP - Wastewater/Sewage Works	0		Yes
MECP - WDS - Biosolids	0		Yes
MECP - WDS - Hauled Sewage	1	In 2025, a total of 1 applications underwent Source Protection screening. The screening determined that the ECA did not require a source protection implementation .	Yes
MECP - WDS - Landfilling and Storage	0		Yes
MNRF - Aggregate License	0		Yes
MNRF - Aggregate Permit	0		Yes
MNRF - Wayside Permit	0		Yes
MTO - Fuel	0	There are no existing prescribed instrument applications within vulnerable areas, and no new applications have been proposed or approved in these areas.	Yes
OMAFRA - NASM Plans	0		Yes
OMAFRA - NMS	1		Yes



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id **Question**
 500 (5328) 4.2 Number of applications reviewed with significant drinking water threats to be managed through Prescribed Instrument conditions.

Agency	Answer	Comment	Completed
MECP - MRDWS - Fuel Handling & Storage	0		Yes
MECP - Permit to Take Water	0		Yes
MECP - Wastewater/Sewage Works	0		Yes
MECP - WDS - Biosolids	0		Yes
MECP - WDS - Landfilling and Storage	0		Yes



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id **Question**
600 (5329) 4.3 Number of Prescribed Instruments issued where significant drinking water threat is managed through conditions.

Agency	Answer	Comment	Completed
MECP - MRDWS - Fuel Handling & Storage	0		Yes
MECP - Permit to Take Water	0		Yes
MECP - Pesticides	0	The ministry did not receive any pesticide permit applications for Prescribed Instruments in this SPA.	Yes
MECP - Wastewater/Sewage Works	0		Yes
MECP - WDS - Biosolids	0		Yes
MECP - WDS - Hauled Sewage	0		Yes
MECP - WDS - Landfilling and Storage	0		Yes
MNRF - Aggregate License	0		Yes
MNRF - Aggregate Permit	0		Yes
MNRF - Wayside Permit	0		Yes
MTO - Fuel	0	There were no existing prescribed instrument applications affected by source protection policies. All existing and future MTO Aggregate/Wayside Permits, as well as dormant permits reactivated for a provincial highway contract, must include fuel handling and storage conditions on the site plan, as prescribed by regulation. This includes the installation of fuel storage tanks in accordance with the CSA B139 Installation Code for Oil-Burning Equipment and compliance with the strict conditions specified by the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code, 2017, as amended. Furthermore, MTO does not allow permanent or long-term storage of fuel at MTO permit sites. These requirements ensure that the activity is managed in a manner that reduces the risk of contamination.	Yes
OMAFRA - NASM Plans	0		Yes



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id **Question**
600 (5329) 4.3 Number of Prescribed Instruments issued where significant drinking water threat is managed through conditions.

Agency	Answer	Comment	Completed
OMAFRA - NMS	1	Nutrient management strategies where part of the farm unit falls within a vulnerable area where there could be significant drinking water threats all receive conditions. This is regardless of what the threat actually is that may be occurring in the vulnerable area. The 'standard' condition is used to manage the threats covered by a Nutrient Management Strategy (ASM storage, OCA/yard). Even if the only part of the farm unit in the vulnerable area is land that is not used for the threat activity (i.e. just cropping land), the Nutrient Management Strategy receives this standard condition to indicate that the Nutrient Management Strategy was reviewed for conformity and that the Nutrient Management Strategy meets source water protection policies, as approved.	Yes



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id **Question**
700 (5330) 4.4 Number of applications reviewed with significant drinking water threats to be prohibited.

Agency	Answer	Comment	Completed
MECP - Wastewater/Sewage Works	0		Yes
MECP - WDS - Biosolids	0		Yes
MECP - WDS - Landfilling and Storage	0		Yes



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id **Question**
 800 (5331) 4.5 Number of Prescribed Instruments refused because the significant drinking water threat activity is prohibited.

Agency	Answer	Comment	Completed
MECP - Pesticides	0	The ministry did not receive any pesticide permit applications for Prescribed Instruments in this SPA.	Yes
MECP - Wastewater/Sewage Works	0		Yes
MECP - WDS - Biosolids	0		Yes
MECP - WDS - Hauled Sewage	0		Yes
MECP - WDS - Landfilling and Storage	0		Yes
MNRF - Aggregate License	0		Yes
MNRF - Aggregate Permit	0		Yes
MNRF - Wayside Permit	0		Yes
MTO - Fuel	0	There were no applications for prescribed instruments in vulnerable areas. No new prescribed instrument applications have been proposed or granted in vulnerable areas.	Yes
OMAFRA - NASM Plans	0	no applications for nutrient management strategies were refused because the significant drinking water threat activity is prohibited	Yes
OMAFRA - NMS	0	no applications for nutrient management strategies were refused because the significant drinking water threat activity is prohibited	Yes



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question	Agency	Answer	Completed
900 (5323)	5. Does your ministry program area have a process in place for ensuring Prescribed Instruments that were previously issued or otherwise created before Source Protection Plans took effect conform with significant drinking water threat policies?	MECP - MRDWS - Fuel Handling & Storage	Yes	Yes

Comment:

The Ministry of the Environment, Conservation and Parks reviewed all fuel storage and handling associated with municipal residential drinking water systems in 2016-2017 to determine where fuel storage and handling activities were a significant drinking water threat. Where a significant threat was identified, conditions were added to the prescribed instrument (Drinking Water Works Permit or Municipal Drinking Water Licence) to address fuel storage risk. As an improvement to the above process, to ensure prescribed instrument conditions incorporate the most current version of the Directors Technical Rules under the Clean Water Act and current source protection plan policies, the ministry is rolling out updated standard source protection conditions for fuel storage and handling activities to all municipal drinking water licenses as part of the current round of licence renewals (occurring between 2024 and 2027). The updated conditions will preauthorize alterations to fuel storage and handling at municipal drinking water systems under the condition the system owner assesses all new and existing fuel storage and handling against the most current Technical Rules to identify if fuel storage and handling associated with the drinking water system is a significant drinking water threat. The conditions require documentation of the fuel storage assessment, implementation of annual TSSA inspections for any identified fuel storage significant threats, and require the owner to implement any additional source protection policies identified by their local source protection plan. These fuel storage assessments are to be reviewed regularly to ensure they remain up to date and conform to current policies. In 2025, 199 municipal drinking water licenses were renewed and contain these updated conditions.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question	Answer	Completed
900 (5323)	5. Does your ministry program area have a process in place for ensuring Prescribed Instruments that were previously issued or otherwise created before Source Protection Plans took effect conform with significant drinking water threat policies?	Yes	Yes

Comment:

MECP Standard Operating Policy for the implementation of Source Protection policies in the Permit to Take Water (PTTW) program was developed in 2016. The Standard Operating Policy provides the staff with discretion and guidance to screen/review/amend/approve previously issued (i.e., existing) PTTW and new PTTW applications to conform with the source protection prescribed instrument policies where a water taking is or would be a significant water quantity threat.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question	Answer	Completed
900 (5323)	5. Does your ministry program area have a process in place for ensuring Prescribed Instruments that were previously issued or otherwise created before Source Protection Plans took effect conform with significant drinking water threat policies?	Yes	Yes

Comment:

Pesticide Permits are issued on a seasonal basis; therefore, all permits expire at the end of each season. Where incoming applications seek renewal, detailed screening of the application occurs and the applicable prescribed instrument policies and MECP's Standard Operating Policy is applied. Consequently, actions taken on previously issued permits are not being tracked and reported separately; considered implemented.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question	Agency	Answer	Completed
900 (5323)	5. Does your ministry program area have a process in place for ensuring Prescribed Instruments that were previously issued or otherwise created before Source Protection Plans took effect conform with significant drinking water threat policies?	MECP - Wastewater/Sewage Works	Yes	Yes

Comment:

In previous years, the ministry identified and reviewed previously issued/existing Environmental Compliance Approvals (ECA) for wastewater/sewage works on an annual basis that may be subject to prescribed instrument (PI) policies of the source protection plans (SPP) stemming from approved plan amendments and updates. Existing ECAs subject to existing PI policies were reviewed using the Source Protection Information Atlas online mapping tool, the 2017 Technical Rules, the Ministry of Environment, Conservation and Parks (MECP)'s Standard Operating Policy (SOP), and the applicable SPP. In 2021 the Technical Rules were updated and continue to be implemented as source protection policies are amended to conform. The ministry continues to advance our work by compiling a comprehensive list of previously issued/existing Prescribed Instruments (PI) for sewage works to support source protection review. The ministry is in the process of transitioning this review role to a different program area and is working to improve this process to support a consistent and streamlined review of existing instruments going forward.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question	Agency	Answer	Completed
900 (5323)	5. Does your ministry program area have a process in place for ensuring Prescribed Instruments that were previously issued or otherwise created before Source Protection Plans took effect conform with significant drinking water threat policies?	MECP - WDS - Hauled Sewage, Biosolids	Yes	Yes

Comment:

Hauled Sewage: In most instances, hauled sewage disposal (spreading site/dewatering trench) site approvals issued by the ministry are for a 1-3 year time period and require renewal to allow continued use. For these instruments, the ministry allowed the approvals to expire and then the new standard operating policy was applied if/when an application for renewal was submitted. In some cases, however, the hauled sewage site approvals were issued for a longer period of time. For these sites, the ministry reviewed the hauled sewage site information to identify any sites that may have been located in areas where the land application of hauled sewage could be considered to be a significant drinking water threat. None of these sites were flagged as permitting the land application of hauled sewage in a potential significant drinking water threat. Processed Organic Waste (Biosolids): Environmental Protection Act approvals for the land application of processed organic waste on agricultural land were transferred over a 5 year period (2011-2016) to the Nutrient Management Act where they are regulated as a non-agricultural source material. As of January 1, 2016, all land application of non-agricultural source material at agricultural operations takes place under a Non Agricultural Source Material Plan. The Ontario Ministry of Agriculture, Food and Agribusiness is responsible for the review of all existing Non Agricultural Source Material Plan approvals issued under the Nutrient Management Act. A review of the few remaining Environmental Protection Act approved processed organic waste spreading site approvals issued by the MECP was completed and no sites with existing instruments were identified as located in an area where they could be a potential significant drinking water threat.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question	Agency	Answer	Completed
900 (5323)	5. Does your ministry program area have a process in place for ensuring Prescribed Instruments that were previously issued or otherwise created before Source Protection Plans took effect conform with significant drinking water threat policies?	MECP - WDS - Landfilling and Storage	Yes	Yes

Comment:

In previous years, the ministry identified and reviewed previously issued/existing Environmental Compliance Approvals (ECA) for waste disposal sites on an annual basis that may be subject to prescribed instrument (PI) policies of the source protection plans (SPP) stemming from approved plan amendments and updates. Existing ECAs subject to existing PI policies were reviewed using the Source Protection Information Atlas online mapping tool, the 2017 Technical Rules, the Ministry of Environment, Conservation and Parks (MECP)'s Standard Operating Policy (SOP), and the applicable SPP. In 2021 the Technical Rules were updated and continue to be implemented as source protection policies are amended to conform. The ministry continues to advance our work by compiling a comprehensive list of previously issued/existing Prescribed Instruments (PI) for sewage works to support source protection review. The ministry is in the process of transitioning this review role to a different program area and is working to improve this process to support a consistent and streamlined review of existing instruments going forward.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question	Answer	Completed
900 (5323)	5. Does your ministry program area have a process in place for ensuring Prescribed Instruments that were previously issued or otherwise created before Source Protection Plans took effect conform with significant drinking water threat policies?	Yes	Yes

Comment:

MNR has reviewed existing instruments under the Aggregate Resources Act (i.e., licences and permits which authorize pits and quarries) issued prior to the effective date of the Source Protection Plan to determine if the applicable sites are storing and handling fuel in the vulnerable areas identified in the policy.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question	Answer	Completed
900 (5323)	5. Does your ministry program area have a process in place for ensuring Prescribed Instruments that were previously issued or otherwise created before Source Protection Plans took effect conform with significant drinking water threat policies?	Yes	Yes

Comment:

There were no existing prescribed instrument applications affected by source protection policies. All existing and future MTO Aggregate/Wayside Permits, as well as any dormant permits activated for a provincial highway contract, must include fuel handling and storage conditions on the site plan, as prescribed by regulation. This includes the installation of fuel storage tanks in accordance with the CSA B139 Installation Code for Oil-Burning Equipment and compliance with the strict conditions specified in the Technical Standards and Safety Authority (TSSA) Liquid Fuels Handling Code, 2017, as amended. Furthermore, MTO does not permit permanent or long-term fuel storage at MTO permit sites. These requirements ensure that activities are managed in a manner that reduces the risk of contamination.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question	Answer	Completed
900 (5323)	5. Does your ministry program area have a process in place for ensuring Prescribed Instruments that were previously issued or otherwise created before Source Protection Plans took effect conform with significant drinking water threat policies?	Yes	Yes

Comment:

OMAFRA continually works to identify existing Prescribed Instruments that were approved prior to SPPs taking effect, or recently captured by SPP policies due to a vulnerable area being modified or a new drinking water system coming online. OMAFRA works with the PI owner and/or certified person to ensure the PI is amended to be compliant with Ontario Regulation 267/03 and conforms with significant drinking water threat policies



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id 1000 (5332) **Question** 6.1 Number of newly identified existing Prescribed Instruments that may be subject to significant drinking water threat policies and which require a detailed review.

Agency	Answer	Comment	Completed
MECP - MRDWS - Fuel Handling & Storage	0		Yes
MECP - Permit to Take Water	0	Detailed reviews of existing permits were completed in 2019. There were no additional existing PTTWs that required a detailed source protection review identified in 2025	Yes
MECP - Wastewater/Sewage Works	0		Yes
MECP - WDS - Landfilling and Storage	0		Yes
MNRF - Aggregate License	0		Yes
MNRF - Aggregate Permit	0		Yes
MNRF - Wayside Permit	0		Yes
MTO - Fuel	0	There were no existing prescribed instrument applications affected by source water protection policies.	Yes
OMAFRA - NASM Plans	0		Yes
OMAFRA - NMS	0		Yes



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id 1100 (5333) **Question** 6.2 Number of Prescribed Instruments that completed a detailed review for source protection to determine if they are a significant drinking water threat.

Agency	Answer	Comment	Completed
MECP - MRDWS - Fuel Handling & Storage	0		Yes
MECP - Permit to Take Water	0	Detailed reviews of existing permits were completed in 2019. There were no additional existing PTTWs that required a detailed source protection review identified in 2025	Yes
MECP - Wastewater/Sewage Works	0		Yes
MECP - WDS - Landfilling and Storage	0		Yes
MNRF - Aggregate License	0		Yes
MNRF - Aggregate Permit	0		Yes
MNRF - Wayside Permit	0		Yes
MTO - Fuel	0	There were no existing prescribed instrument applications affected by source water protection policies.	Yes
OMAFRA - NASM Plans	0		Yes
OMAFRA - NMS	0		Yes



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id 1200 (5334) **Question** 6.3 Number of Prescribed Instruments determined to be a significant drinking water threat.

Agency	Answer	Comment	Completed
MECP - MRDWS - Fuel Handling & Storage	0		Yes
MECP - Permit to Take Water	0	Detailed reviews of existing permits were completed in 2019. There were no additional existing PTTWs that required a detailed source protection review identified in 2025	Yes
MECP - Wastewater/Sewage Works	0		Yes
MECP - WDS - Landfilling and Storage	0		Yes
MNRF - Aggregate License	0		Yes
MNRF - Aggregate Permit	0		Yes
MNRF - Wayside Permit	0		Yes
MTO - Fuel	0	There were no existing prescribed instrument applications affected by source water protection policies.	Yes
OMAFRA - NASM Plans	0		Yes
OMAFRA - NMS	0		Yes



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id 1300 (5335) **Question** 6.4 Number of Prescribed Instruments determined not be a significant drinking water threat.

Agency	Answer	Comment	Completed
MECP - MRDWS - Fuel Handling & Storage	0		Yes
MECP - Permit to Take Water	0	Detailed reviews of existing permits were completed in 2019. There were no additional existing PTTWs that required a detailed source protection review identified in 2025	Yes
MECP - Wastewater/Sewage Works	0		Yes
MECP - WDS - Landfilling and Storage	0		Yes
MNRF - Aggregate License	0		Yes
MNRF - Aggregate Permit	0		Yes
MNRF - Wayside Permit	0		Yes
MTO - Fuel	0	There were no existing prescribed instrument applications affected by source water protection policies.	Yes
OMAFRA - NASM Plans	0		Yes
OMAFRA - NMS	0		Yes



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id **Question**
1400 (5336) 6.5 Number of Prescribed Instruments amended or replaced.

Agency	Answer	Comment	Completed
MECP - MRDWS - Fuel Handling & Storage	0		Yes
MECP - Permit to Take Water	0	Detailed reviews of existing permits were completed in 2019. There were no additional existing PTTWs that required a detailed source protection review identified in 2025	Yes
MECP - Wastewater/Sewage Works	0		Yes
MECP - WDS - Landfilling and Storage	0		Yes
MNRF - Aggregate License	0		Yes
MNRF - Aggregate Permit	0		Yes
MNRF - Wayside Permit	0		Yes
MTO - Fuel	0	There were no existing prescribed instrument applications affected by source water protection policies.	Yes
OMAFRA - NASM Plans	0		Yes
OMAFRA - NMS	0		Yes



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id 1500 (5337) **Question** 6.6 Number of Prescribed Instruments where no additional conditions were needed.

Agency	Answer	Comment	Completed
MECP - MRDWS - Fuel Handling & Storage	0		Yes
MECP - Permit to Take Water	0	Detailed reviews of existing permits were completed in 2019. There were no additional existing PTTWs that required a detailed source protection review identified in 2025	Yes
MECP - Wastewater/Sewage Works	0		Yes
MECP - WDS - Landfilling and Storage	0		Yes
MNRF - Aggregate License	0		Yes
MNRF - Aggregate Permit	0		Yes
MNRF - Wayside Permit	0		Yes
MTO - Fuel	0	There were no existing prescribed instrument applications affected by source water protection policies.	Yes
OMAFRA - NASM Plans	0		Yes
OMAFRA - NMS	0		Yes



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id **Question**
1600 (5338) 6.7 Number of Prescribed Instruments revoked.

Agency	Answer	Comment	Completed
MECP - MRDWS - Fuel Handling & Storage	0		Yes
MECP - Permit to Take Water	0	Detailed reviews of existing permits were completed in 2019. There were no additional existing PTTWs that required a detailed source protection review identified in 2025	Yes
MECP - Wastewater/Sewage Works	0		Yes
MECP - WDS - Landfilling and Storage	0		Yes
MNRF - Aggregate License	0		Yes
MNRF - Aggregate Permit	0		Yes
MNRF - Wayside Permit	0		Yes
MTO - Fuel	0	There were no existing prescribed instrument applications affected by source water protection policies.	Yes
OMAFRA - NASM Plans	0		Yes
OMAFRA - NMS	0		Yes



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id 1700 (5341) **Question** 6.8 Final decision pending (i.e., a decision has not yet been made by the signing Director on the already reviewed prescribed instrument to amend, deny, revoke, or to make no changes to the existing terms and conditions in the instrument to conform with source protection policies).

Agency	Answer	Comment	Completed
MECP - MRDWS - Fuel Handling & Storage	0		Yes
MECP - Permit to Take Water	0	Detailed reviews of existing permits were completed in 2019. There were no additional existing PTTWs that required a detailed source protection review identified in 2025	Yes
MECP - Wastewater/Sewage Works	0		Yes
MECP - WDS - Landfilling and Storage	0		Yes
MNRF - Aggregate License	0		Yes
MNRF - Aggregate Permit	0		Yes
MNRF - Wayside Permit	0		Yes
MTO - Fuel	0	There were no existing prescribed instrument applications affected by source water protection policies.	Yes
OMAFRA - NASM Plans	0		Yes
OMAFRA - NMS	0		Yes



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id Question

1800 (5324) 7. Indicate how program staff who carry out Prescribed Instrument inspections are trained in source protection.

Agency:	MECP - MRDWS Inspections	Answer	Completed
Online Training		Yes	Yes
Peer Training		Yes	Yes
Provincial Officer Designation Training		Yes	Yes
Source Protection Program Branch Training		Yes	Yes
Specific Program Area Inspection Training		Yes	Yes
Technical Guidance		Yes	Yes
Workshops		Yes	Yes

Comment:

Staff have access to an internal province wide source protection resource library where they can access source protection guidance and support. In addition, source protection has been added to the mandatory Compliance Foundations training session for new compliance staff. This ensures that all new staff receive the training and are well versed in source protection. Support and guidance is provided to water compliance staff from the Conservation and Source Protection Branch staff as needed. Conservation and Source Protection Branch staff provide district or program specific training as requested. These training sessions include source protection science, legislation, and policies. Water compliance staff are also trained in the use of source protection mapping tools and threat identification, as well as how to access and interpret their local source protection plans.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id Question

1800 (5324) 7. Indicate how program staff who carry out Prescribed Instrument inspections are trained in source protection.

Agency:	MECP - NMA - ASM and NASM Inspections	Answer	Completed
Online Training		Yes	Yes
Peer Training		No	Yes
Provincial Officer Designation Training		Yes	Yes
Source Protection Program Branch Training		No	Yes
Specific Program Area Inspection Training		No	Yes
Technical Guidance		Yes	Yes
Workshops		No	Yes

Comment:

The prescribed instruments subject to inspection by MECP Environmental Compliance Officers for the Agricultural Source Material (ASM) and Non-Agricultural Source Material (NASM) subprograms are issued under the Nutrient Management Act. MECP inspectors are designated Provincial Officers under the Nutrient Management Act (among other legislation) who have received mandatory training to receive their designation. New provincial officials do receive general Source Protection training as part of their officer designation training. Furthermore, staff regularly engage with the Conservation and Source Protection Branch to understand program policy changes.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id **Question**
1800 (5324) 7. Indicate how program staff who carry out Prescribed Instrument inspections are trained in source protection.

Agency:	MECP - Permit to Take Water Inspections	Answer	Completed
Online Training		Yes	Yes
Peer Training		Yes	Yes
Provincial Officer Designation Training		Yes	Yes
Source Protection Program Branch Training		Yes	Yes
Specific Program Area Inspection Training		Yes	Yes
Technical Guidance		Yes	Yes
Workshops		Yes	Yes

Comment:

Compliance Officers need to complete extensive training programs and acquire Provincial Officer designation for the purpose of regulating and enforcing compliance under the Environmental Protection Act, Ontario Water Resources Act, Environmental Assessment Act, Nutrient Management Act and Pesticides Act. Starting in late 2014, general training on source protection, as well as Drinking Water and Environmental Compliance Division implementation activities, was delivered to staff at large. Training sessions were held in each Region, and all staff were invited to attend. All new Compliance Officers are required to complete MECP Foundations training, where they receive general Source Protection training that covers the following topics: Clean Water Act, scope of source protection program, source protection program structure and process, key players, assessment reports, source protection plans, risk management plans, vulnerable areas, water budgets and water quantity vulnerability analysis, prescribed drinking water threat activities, conditions and local threats, source protection tools, prescribed instrument and monitoring policies etc. Compliance Officers need to follow the ministry Inspection Guidance Manuals that outline the roles and responsibilities for provincial officers in conducting inspections. The General Inspection Guidance Manual (Part A) is intended to assist in carrying out all types of inspections. The specific Inspection Guidance Manuals (Part B) have been generated for individual inspection types including the Permit To Take Water Inspection. There is an online training module for Compliance Officers on “How to conduct a Permit To Take Water Inspection”. This training is intended to prepare an Compliance Officer to conduct a thorough and accurate inspection and enable them to make more informed decisions about what information needs to be collected, reviewed, reported on, and included in a completed Permit To Take Water Inspection.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id **Question**
 1800 (5324) 7. Indicate how program staff who carry out Prescribed Instrument inspections are trained in source protection.

Agency:	MECP - Pesticides	Answer	Completed
Online Training		Yes	Yes
Peer Training		Yes	Yes
Provincial Officer Designation Training		Yes	Yes
Source Protection Program Branch Training		Yes	Yes
Specific Program Area Inspection Training		Yes	Yes
Technical Guidance		Yes	Yes
Workshops		Yes	Yes

Comment:

Regional Pesticide Specialists were trained on applicable processes and keep current with program developments and changes. Regional Pesticide Specialists continue to provide technical support related to pesticide inspections to District Offices. The Pesticide Specialists Working Group meets regularly and if there are any changes to the Source Protection Program it is discussed there. Modern Regulator Branch liaises with Source Protection Programs Branch to keep up to date, and Conservation and Source Protection Branch brings issues forward as required.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id **Question**
 1800 (5324) 7. Indicate how program staff who carry out Prescribed Instrument inspections are trained in source protection.

Agency:	MECP - Wastewater/Sewage Works Inspections	Answer	Completed
Online Training		Yes	Yes
Peer Training		No	Yes
Provincial Officer Designation Training		Yes	Yes
Source Protection Program Branch Training		No	Yes
Specific Program Area Inspection Training		Yes	Yes
Technical Guidance		Yes	Yes
Workshops		Yes	Yes

Comment:

Field officers who assess compliance with sewage prescribed instruments have received training specific to sewage works which may be, or are confirmed to be, a significant drinking water threat. Updated guidance, technical reference material and assistance when conducting inspections at sewage works with source water protection considerations is provided to all field inspectors.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id 1800 (5324) **Question** 7. Indicate how program staff who carry out Prescribed Instrument inspections are trained in source protection.

Agency:	MECP - WDS - HS/Biosolids Inspections	Answer	Completed
Online Training		No	Yes
Peer Training		Yes	Yes
Provincial Officer Designation Training		Yes	Yes
Source Protection Program Branch Training		Yes	Yes
Specific Program Area Inspection Training		Yes	Yes
Technical Guidance		Yes	Yes
Workshops		No	Yes

Comment:

Inspections are completed by MECP Provincial Officers designated to enforce compliance with Ontario’s environmental legislation, which includes the Environmental Protection Act and Ontario Water Resources Act. General information sessions on the Clean Water Act and the ministry’s Source Protection Implementation activities have been provided to existing MECP staff and are incorporated in new officer training; however, it is not a mandatory pre-requisite for staff to conduct inspections.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id Question

1800 (5324) 7. Indicate how program staff who carry out Prescribed Instrument inspections are trained in source protection.

Agency:	MECP - WDS-Landfilling and Storage Inspections	Answer	Completed
Online Training		Yes	Yes
Peer Training		No	Yes
Provincial Officer Designation Training		Yes	Yes
Source Protection Program Branch Training		Yes	Yes
Specific Program Area Inspection Training		Yes	Yes
Technical Guidance		No	Yes
Workshops		No	Yes

Comment:

Environmental Compliance Officers need to complete extensive training programs and acquire Provincial Officer designation for the purpose of regulating and enforcing compliance under the Environmental Protection Act, Ontario Water Resources Act, Environmental Assessment Act, Nutrient Management Act and Pesticides Act. Starting in late 2014, general training on source protection, as well as Drinking Water and Environmental Compliance Division’s implementation activities, was delivered to staff at large. Training sessions were held in each Region, and all staff were invited to attend. All new Environmental Compliance Officers are required to complete MECP Foundations training, where they receive general Source Protection training that covers the following topics: Clean Water Act, scope of source protection program, source protection program structure and process, key players, assessment reports, source protection plans, risk management plans, vulnerable areas, water budgets and water quantity vulnerability analysis, prescribed drinking water threat activities, conditions and local threats, source protection tools, prescribed instrument and monitoring policies etc. Environmental Compliance Officers need to follow the ministry Inspection Guidance Manuals that outline the roles and responsibilities for provincial officers in conducting inspections.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id 1800 (5324) **Question** 7. Indicate how program staff who carry out Prescribed Instrument inspections are trained in source protection.

Agency: MNRF	Answer	Completed
Online Training	Yes	Yes
Peer Training	Yes	Yes
Provincial Officer Designation Training	Yes	Yes
Source Protection Program Branch Training	No	Yes
Specific Program Area Inspection Training	Yes	Yes
Technical Guidance	No	Yes
Workshops	Yes	Yes

Comment:



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id 1800 (5324) **Question** 7. Indicate how program staff who carry out Prescribed Instrument inspections are trained in source protection.

Agency:	MTO - Fuel	Answer	Completed
Online Training		No	Yes
Peer Training		Yes	Yes
Provincial Officer Designation Training		No	Yes
Source Protection Program Branch Training		No	Yes
Specific Program Area Inspection Training		Yes	Yes
Technical Guidance		Yes	Yes
Workshops		Yes	Yes

Comment:

MTO Aggregate Inspectors are re-trained on the formal protocols required to ensure that source water protection and vulnerable areas are considered during the preparation of Summary Statements and Technical Reports (e.g., Water Report) at the permit application stage. Aggregate staff are also trained to use standardized text on site plans and reports regarding fuel storage and handling. Furthermore, Aggregate Inspectors are trained to focus on fuel handling and storage during annual compliance inspections. In April 2022, the MTO Standards and Contracts Branch (Soils and Aggregates Section) provided training to the MTO Regional Aggregate Sections and Aggregate Inspectors on source water protection and the implementation requirements of source protection policies prepared under the Clean Water Act, 2006 (CWA). The training focused on the role of the source protection program and plan policies, as well as their legal effect and operational implications. It also included an overview of prescribed threats (specifically fuel handling and storage) and the vulnerability science applied (WHPA, IPZ, etc.). The above protocol is reaffirmed, and amendments to the protocol are implemented as needed. In 2023 and 2024, this topic was highlighted at the annual aggregate workshop for aggregates staff.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
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1900 (5325)	8. Is source protection taken into consideration when planning for and prioritizing inspections?
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Agency	Answer	Completed
MECP - MRDWS Inspections	0	Yes

Comment:

There is no prioritizing required for inspections of municipal residential drinking water systems as they are required to be inspected annually by the Compliance and Enforcement regulation.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
1900 (5325)	8. Is source protection taken into consideration when planning for and prioritizing inspections?

Agency	Answer	Completed
MECP - NMA - ASM and NASM Inspections	Yes	Yes

Comment:

MECP carries out annual proactive inspections at agricultural operations operating under approved Nutrient Management Strategies, Plans and Non-Agricultural Source Material (NASM) Plans. Each year regulated operations are identified, and each one is assigned an overall risk score. Several risk factors are considered, and these vary somewhat depending on the sub-program involved; among the risk factors considered is Source Protection vulnerable area information. Sites that intersect with source protection vulnerable areas with the highest risk scores (ie. scores of 8 or greater) are assigned relatively higher inspection priority risk scores. This approach ensures that sites where regulated activities may be considered a significant drinking water threat are identified amongst the highest priority for inspection. Districts offices are instructed to consider selecting inspection targets from the risk ranked lists and are encouraged to select higher priority sites. Districts are responsible for the ultimate decision of which sites they chose to inspect, and they rely on their local knowledge when making their final choices.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
1900 (5325)	8. Is source protection taken into consideration when planning for and prioritizing inspections?

Agency	Answer	Completed
MECP - Permit to Take Water Inspections	Yes	Yes

Comment:

The ministry's current program delivery model for proactive compliance inspection program is based on risk analysis. During Year-Start Planning (February-March of each year), inspection priorities are set for each program area by Divisional Program Leads. The Ministry uses a risk based approach to setting each program's priorities for inspection. Program diagnostics and analyses are conducted as part of the yearly compliance planning process and help inform inspection priorities in the upcoming year. This information along with program specific risk factors is used to identify compliance priorities for each program area. Source protection vulnerability is generally considered as one of the risk factors during risk analysis. District/Area offices use the Integrated Plan direction in conjunction with their own local knowledge and consideration of available resources to select the number and locations of facilities/sites for inspections.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
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1900 (5325)	8. Is source protection taken into consideration when planning for and prioritizing inspections?
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Agency	Answer	Completed
MECP - Pesticides	Yes	Yes

Comment:

Designated Source Protection Vulnerable Areas are factored into the planning of Pesticide inspections. Regional Pesticides Specialists provide technical assistance to District Officers when undertaking Pesticides inspections. Inspection guidance is provided to the District Offices as part of the Integrated Planning process. Source protection vulnerability is considered when prioritizing/selecting sites for planned inspections under the pesticides program.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
1900 (5325)	8. Is source protection taken into consideration when planning for and prioritizing inspections?

Agency	Answer	Completed
MECP - Wastewater/Sewage Works Inspections	Yes	Yes

Comment:

The MECP's compliance program includes an annual process to plan field inspections for each fiscal year. Planned inspections are determined based on a risk based methodology including many factors such as individual potential for environmental impacts and site history. Source Protection considerations have been incorporated into this annual risk based inspection planning process for municipal, industrial, commercial and private sewage inspections as a priority 'area of focus'. This ensures that the specific risks associated with potential drinking water threats are included when planning field inspections. The lists of known prescribed instruments issued in vulnerable areas and any that have been determined to be a significant threat are included and considered during compliance assessment planning and prioritization activities.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
1900 (5325)	8. Is source protection taken into consideration when planning for and prioritizing inspections?

Agency	Answer	Completed
MECP - WDS - HS/Biosolids Inspections	Yes	Yes

Comment:

MECP conducts inspections of hauled sewage and processed organic waste sites. Inspection planning is risk-based, with scoring criteria based on risk factors that include potential impact to the natural environment and effects on human health. Information on source protection areas is also considered in inspection planning. Sites with higher risk scores that intersect with vulnerable source protection areas are prioritized for inspection. MECP program services provides each district office with risk-ranked lists of potential inspections. District offices are responsible for selecting sites for inspection to incorporate local compliance knowledge and are encouraged to focus on higher priority sites.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
1900 (5325)	8. Is source protection taken into consideration when planning for and prioritizing inspections?

Agency	Answer	Completed
MECP - WDS-Landfilling and Storage Inspections	Yes	Yes

Comment:

The Ministry's current program delivery model for proactive compliance inspection program is based on risk analysis. During Year-Start Planning (February-March of each year), inspection priorities are set for each program area by Divisional Program Leads. The Ministry uses a risk-based approach to setting each program's priorities for inspection. Program diagnostics and analyses are conducted as part of the yearly compliance planning process and help inform inspection priorities in the upcoming year. This information, along with program specific risk factors, is used to identify compliance priorities for each program area. Source protection vulnerability is considered as one of the risk factors during risk analysis. District/Area offices use the Integrated Plan direction in conjunction with their own local knowledge and consideration of available resources to select the number and locations of facilities/sites for inspections.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id

1900 (5325)

Question

8. Is source protection taken into consideration when planning for and prioritizing inspections?

Agency

MNRF

Answer

Yes

Completed

Yes

Comment:



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
1900 (5325)	8. Is source protection taken into consideration when planning for and prioritizing inspections?

Agency	Answer	Completed
MTO - Fuel	Yes	Yes

Comment:

All MTO permit sites are inspected annually by MTO staff, and fuel storage is one of the prescribed elements that must be checked as part of the formal written compliance audit.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
2000 (5326)	9.1 Does your program area have a process in place to ensure Prescribed Instrument holders comply with the terms and conditions of their Prescribed Instrument?

Agency	Answer	Completed
MECP - MRDWS Inspections	Yes	Yes

Comment:

All municipal residential drinking water systems are inspected annually to confirm compliance with the requirements set out in their prescribed instrument (Municipal Drinking Water Licence and Drinking Water Works Permit).



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
2000 (5326)	9.1 Does your program area have a process in place to ensure Prescribed Instrument holders comply with the terms and conditions of their Prescribed Instrument?

Agency	Answer	Completed
MECP - NMA - ASM and NASM Inspections	Yes	Yes

Comment:

The ministry conducts inspections at agricultural operations to assess compliance with regulatory requirements. Ministry staff may also conduct reactive inspections if they become aware of a complaint or concern linked to a particular operation. Where non-compliance with prescribed instrument requirements or other regulatory requirements are identified the ministry takes action to bring sites into compliance. Various approaches may be used by inspectors to ensure proponents bring an operation into compliance with legal requirements.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
2000 (5326)	9.1 Does your program area have a process in place to ensure Prescribed Instrument holders comply with the terms and conditions of their Prescribed Instrument?

Agency	Answer	Completed
MECP - Permit to Take Water Inspections	Yes	Yes

Comment:

The ministry conducts planned inspections to assess compliance of a water taking activity against the terms and conditions of an active Permit To Take Water and related regulatory requirements. Inspections also assess conformance to applicable policies, guidelines and procedures. Ministry staff may also conduct reactive inspections if they become aware of a complaint or concern linked to a particular site. Where a Permit To Take Water inspection finds noncompliance, Incident Response reporting and related abatement action will commence. Various approaches may be used by Provincial Officers to require water users to bring an operation into compliance with legal requirements including voluntary abatement, issuance of orders or tickets, and referral to the ministry's Environmental Investigations and Enforcement Branch with a recommendation to undertake a prosecution. The approach taken by the Provincial Officer will depend on the severity and nature of the violation as well as the compliance history of the party in question. Additional information on compliance policy can be found at this website: [Ontario's Environmental Compliance Policy | ontario.ca](http://ontario.ca)



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
2000 (5326)	9.1 Does your program area have a process in place to ensure Prescribed Instrument holders comply with the terms and conditions of their Prescribed Instrument?

Agency	Answer	Completed
MECP - Pesticides	Yes	Yes

Comment:

As part of a Pesticides Permit issued for aerial applications, conditions are imposed requiring the Proponent to submit a Summary Report. The Summary Report must be submitted to the Ministry after the pesticide application has been completed. The Summary Report must include the following details but not limited to: GPS shape files indicating the geographic area where the pesticide was applied, UTM data indicating when sprayers/nozzles were turned on and off; flight plans; volumes of pesticides applied, etc. In addition, the Ministry conducts planned inspections to assess compliance with the terms and conditions of the prescribed instrument and other related regulatory requirements. Key areas within the pesticide sector recommended for inspection include the top human health risk areas identified in the Risk-Based Compliance Plan (i.e. fumigation, structural, agricultural and aquatic). This approach is consistent with DWEC's multi-year approach to compliance planning, that involves planned 'program based' pesticide inspections be 'regionally' focused which allows each region to determine how best to distribute the program-based inspections among the districts, (ex. forestry in Northern Region) while also ensuring that program level priorities are taken into consideration. Ministry staff may also conduct reactive inspections if the Ministry becomes aware of a complaint or concern linked to a particular site. Where non-compliance with prescribed instrument requirements or other regulatory requirements are identified, the Ministry takes action to bring sites into compliance. Various approaches may be used by Provincial Officers to ensure proponents bring their operation into compliance with legal requirements.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
2000 (5326)	9.1 Does your program area have a process in place to ensure Prescribed Instrument holders comply with the terms and conditions of their Prescribed Instrument?

Agency	Answer	Completed
MECP - Wastewater/Sewage Works Inspections	Yes	Yes

Comment:

The sewage program compliance activities conducted by the MECP include but are not limited to, announced and unannounced field compliance assessments (inspections), incident/spill or complaint resolution activities, and primary and secondary screening during environmental compliance approval application and amendment processes all ensure that prescribed instrument holders are complying with terms and conditions.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
2000 (5326)	9.1 Does your program area have a process in place to ensure Prescribed Instrument holders comply with the terms and conditions of their Prescribed Instrument?

Agency	Answer	Completed
MECP - WDS - HS/Biosolids Inspections	Yes	Yes

Comment:

Compliance with terms and conditions of Prescribed Instruments for hauled sewage and processed organic waste (biosolids), as well as other regulatory requirements under EPA and OWRA, is assessed by Provincial Officers through the MECP inspection process. Inspections may be planned as part of the annual risk-based compliance program or done responsively for complaints or spills within the ministry's mandate for environmental protection. Any terms or conditions in the instrument to address Source Protection policy requirements are also assessed as part of the inspection. When a Provincial Officer identifies non-compliance with legal requirements during the inspection, the ministry has a range of compliance tools that can be used, from providing guidance and information to issuing orders for mandatory corrective actions.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
2000 (5326)	9.1 Does your program area have a process in place to ensure Prescribed Instrument holders comply with the terms and conditions of their Prescribed Instrument?

Agency	Answer	Completed
MECP - WDS-Landfilling and Storage Inspections	Yes	Yes

Comment:

The Ministry's current program delivery model ensures instrument holders are in compliance with the terms and conditions of their Prescribed Instrument.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
2000 (5326)	9.1 Does your program area have a process in place to ensure Prescribed Instrument holders comply with the terms and conditions of their Prescribed Instrument?

Agency	Answer	Completed
MNRF	Yes	Yes

Comment:



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
2000 (5326)	9.1 Does your program area have a process in place to ensure Prescribed Instrument holders comply with the terms and conditions of their Prescribed Instrument?

Agency	Answer	Completed
MTO - Fuel	Yes	Yes

Comment:



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id **Question**
 2100 (5339) 9.2 Please select the processes in place to ensure Prescribed Instrument holders comply with terms and conditions.

Agency:	MECP - MRDWS Inspections	Answer	Completed
Inspection		Yes	Yes
Order		Yes	Yes
Primary/Secondary screening of PI applications/amendments		Yes	Yes
Provincial offences notice (ticket)		No	Yes
Referral to internal investigations department		Yes	Yes
Self reporting		No	Yes
Voluntary abatement measures		Yes	Yes

Comment:

Inspection - Yes. Mandatory annual inspection for each municipal residential drinking water system. Order - Yes, in cases where voluntary abatement failed to achieve compliance or where there is a confirmed deficiency. Voluntary Abatement - Yes, if inspection findings dictated actions requiring completion. Provincial Offence Notice (Tickets) - Do not apply. Referral for Investigation - Yes, for more serious instances of non-compliance or a confirmed deficiency. Self-Reporting - No, not currently used for municipal residential drinking water systems. Primary/Secondary screening of PI Applications/Amendments - Yes, completed by staff who screen applications in Client Services and Permissions Branch.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id **Question**
 2100 (5339) 9.2 Please select the processes in place to ensure Prescribed Instrument holders comply with terms and conditions.

Agency:	MECP - NMA - ASM and NASM Inspections	Answer	Completed
Inspection		Yes	Yes
Order		Yes	Yes
Primary/Secondary screening of PI applications/amendments		No	Yes
Provincial offences notice (ticket)		No	Yes
Referral to internal investigations department		Yes	Yes
Self reporting		No	Yes
Voluntary abatement measures		Yes	Yes

Comment:

The ministry conducts inspections at agricultural operations to assess compliance with regulatory requirements. Ministry staff may also conduct reactive inspections if they become aware of a complaint or concern linked to a particular operation. Where non-compliance with prescribed instrument requirements or other regulatory requirements are identified the ministry takes action to bring sites into compliance. Various approaches may be used by inspectors to ensure proponents bring an operation into compliance with legal requirements including: Voluntary abatement, Provincial Officer's Order, Issuance of a Part 1 summons (note, tickets are not an option under the Nutrient Management Act) and Referral to the Ministry's Investigation and Enforcement Branch with a recommendation to undertake a prosecution. The approach taken by the inspector will depend on the severity and nature of the violation as well as the compliance history of the party in question. Inspectors may refer to the Ministry's "Compliance Policy - Applying Abatement and Enforcement Tools" to assist them in determining the most appropriate compliance approach in any instance.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id **Question**
 2100 (5339) 9.2 Please select the processes in place to ensure Prescribed Instrument holders comply with terms and conditions.

Agency:	MECP - Permit to Take Water Inspections	Answer	Completed
Inspection		Yes	Yes
Order		Yes	Yes
Primary/Secondary screening of PI applications/amendments		Yes	Yes
Provincial offences notice (ticket)		Yes	Yes
Referral to internal investigations department		Yes	Yes
Self reporting		Yes	Yes
Voluntary abatement measures		Yes	Yes

Comment:

See comments for question 9.1



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id **Question**
 2100 (5339) 9.2 Please select the processes in place to ensure Prescribed Instrument holders comply with terms and conditions.

Agency:	MECP - Pesticides	Answer	Completed
Inspection		Yes	Yes
Order		Yes	Yes
Primary/Secondary screening of PI applications/amendments		Yes	Yes
Provincial offences notice (ticket)		No	Yes
Referral to internal investigations department		Yes	Yes
Self reporting		Yes	Yes
Voluntary abatement measures		Yes	Yes

Comment:

As part of a Pesticides Permit issued for aerial applications, conditions are imposed requiring the Proponent to submit a Summary Report. The Summary Report must be submitted to the Ministry after the pesticide application has been completed. The Summary Report must include the following details but not limited to: GPS shape files indicating the geographic area where the pesticide was applied, UTM data indicating when sprayers/nozzles were turned on and off; flight plans; volumes of pesticides applied, etc. In addition, the Ministry conducts planned inspections to assess compliance with the terms and conditions of the prescribed instrument and other related regulatory requirements. Ministry staff may also conduct reactive inspections if the Ministry becomes aware of a complaint or concern linked to a particular site. Where non-compliance with prescribed instrument requirements or other regulatory requirements are identified, the Ministry takes action to bring sites into compliance. Various approaches may be used by Inspectors to ensure proponents bring their operation into compliance with legal requirements including: •Voluntary abatement•Provincial Officer’s Order•Issuance of a summons•Referral to the Ministry’s Environmental Enforcement and Investigations Branch with a recommendation to undertake a prosecutionThe approach taken by an Inspector will depend on the severity and nature of the violation as well as the compliance history of the party in question. Inspectors may refer to the Ministry’s “Compliance Policy - Applying Abatement and Enforcement Tools” (2007) to assist them in determining the most appropriate compliance approach in any particular instance.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id **Question**
 2100 (5339) 9.2 Please select the processes in place to ensure Prescribed Instrument holders comply with terms and conditions.

Agency:	MECP - Wastewater/Sewage Works Inspections	Answer	Completed
Inspection		Yes	Yes
Order		Yes	Yes
Primary/Secondary screening of PI applications/amendments		Yes	Yes
Provincial offences notice (ticket)		Yes	Yes
Referral to internal investigations department		Yes	Yes
Self reporting		No	Yes
Voluntary abatement measures		Yes	Yes

Comment:

The sewage program compliance activities conducted by the MECP including but not limited to announced and unannounced field compliance assessments (inspections), incident/spill or complaint resolution activities, and screening during environmental compliance approval application and amendment processes all ensure that instrument holders comply with requirements. The approach taken by Provincial Officers when any non-compliance is identified will depend on the severity and nature of the violation as well as the compliance history of the party in question. Ontario's Environmental Compliance Policy is used to assist Provincial Officers in determining the most appropriate compliance approach in any particular instance. The various approaches which may be used by Provincial Officers to ensure compliance with legal requirements includes voluntary abatement, Provincial Officer's Orders, Issuance of a ticket or referral to the Ministry's Environmental Investigation and Enforcement Branch.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id **Question**
 2100 (5339) 9.2 Please select the processes in place to ensure Prescribed Instrument holders comply with terms and conditions.

Agency:	MECP - WDS - HS/Biosolids Inspections	Answer	Completed
Inspection		Yes	Yes
Order		Yes	Yes
Primary/Secondary screening of PI applications/amendments		Yes	Yes
Provincial offences notice (ticket)		Yes	Yes
Referral to internal investigations department		Yes	Yes
Self reporting		No	Yes
Voluntary abatement measures		Yes	Yes

Comment:



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id **Question**
 2100 (5339) 9.2 Please select the processes in place to ensure Prescribed Instrument holders comply with terms and conditions.

Agency:	MECP - WDS-Landfilling and Storage Inspections	Answer	Completed
Inspection		Yes	Yes
Order		Yes	Yes
Primary/Secondary screening of PI applications/amendments		Yes	Yes
Provincial offences notice (ticket)		Yes	Yes
Referral to internal investigations department		Yes	Yes
Self reporting		Yes	Yes
Voluntary abatement measures		Yes	Yes

Comment:

The Ministry conducts planned inspections to assess compliance of waste management activities against the terms and conditions of the approval and related regulatory requirements. Inspections also assess conformance to applicable policies, guidelines and procedures. Ministry staff may also conduct reactive inspections if they become aware of a complaint or concern linked to a particular site. Where a waste disposal site inspection finds non-compliance, Incident Response reporting and related compliance action will commence. Various approaches may be used by inspectors to require proponents to bring an operation into compliance with legal requirements including:

- Voluntary abatement
- Issuance of Order or Ticket
- Referral to the Ministry’s Environmental Investigations and Enforcement Branch with a recommendation to undertake a prosecution. The approach taken by the compliance inspector will depend on the severity and nature of the violation as well as the compliance history of the party in question. Compliance officers may refer to the Ministry’s following document to assist them in determining the most appropriate compliance approach in any particular instance: •Compliance Policy: Applying Abatement and Enforcement Tools



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id **Question**
 2100 (5339) 9.2 Please select the processes in place to ensure Prescribed Instrument holders comply with terms and conditions.

Agency:	MNRF	Answer	Completed
Inspection		Yes	Yes
Order		No	Yes
Primary/Secondary screening of PI applications/amendments		Yes	Yes
Provincial offences notice (ticket)		No	Yes
Referral to internal investigations department		No	Yes
Self reporting		Yes	Yes
Voluntary abatement measures		No	Yes

Comment:



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id **Question**
 2100 (5339) 9.2 Please select the processes in place to ensure Prescribed Instrument holders comply with terms and conditions.

Agency:	MTO - Fuel	Answer	Completed
Inspection		Yes	Yes
Order		Yes	Yes
Primary/Secondary screening of PI applications/amendments		Yes	Yes
Provincial offences notice (ticket)		No	Yes
Referral to internal investigations department		No	Yes
Self reporting		Yes	Yes
Voluntary abatement measures		No	Yes

Comment:

MTO aggregates staff have been designated by MNRF as Aggregate Inspectors and have the legal authority to enforce the Aggregate Resources Act. They may issue a Notice of Inspection if a contravention related to fuel storage is observed. MTO may also suspend the aggregate permit until compliance is achieved. Furthermore, MTO may use tools available in the construction contract, including financial penalties, to require the contractor to comply with the aggregate permit site plan conditions, including fuel storage requirements.



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id 2200 (5344) **Question** 10. Number of Notices or Prescribed Instruments issued with Statements of Conformity. Please state the Prescribed Threat(s) for each of the statement of conformity applies in the comments.

Agency	Answer	Comment	Completed
MECP - MRDWS - Fuel Handling & Storage	0		Yes
MECP - Pesticides	0	In 2025, no prescribed instruments for pesticides were issued with Statements of Conformity.	Yes
MNRF	0		Yes
MTO - Fuel	0	There were no existing prescribed instrument applications affected by source water protection policies.	Yes
OMAFRA	1	1 NMS reviewed and statement of conformity issued for ASM storage	Yes



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question	Agency	Answer	Comment	Completed
2300 (5340)	11. Where OMAFA does not issue or create nutrient management plans (NMP), describe what is being done to ensure the nutrient management plan conforms with significant drinking water threat policies that use the Prescribed Instrument tool.	OMAFRA	Guidance has been developed for Risk Management Officials, farmers and certified individuals that prepare Nutrient Management Plans to use to help determine if a prescribed instrument conforms to the significant drinking water threat policies. Guidance documents are available on www.nutrientmanagement.ca under the Resources section.		Yes



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question	Agency	Answer	Comment	Completed
2800 (5346)	16. Where MMAH is the planning approval authority for day-to-day Planning Act decisions within source protection areas, or where MMAH is the approval authority for the official plan and zoning by-law conformity exercises that municipalities are required to undertake, provide a description of how MMAH ensures their Planning Act decisions conform with the approved source protection plans (specifically, the policies in List A – significant drinking water threat policies that affect decisions under the Planning Act).	MMAH	Through review and approval of official plans and official plan amendments, the Ministry of Municipal Affairs and Housing (MMAH) works closely and consults with MECP (SPB) and local Source Water Protection Authorities through the provincial One Window planning review process to ensure official plan policies conform to the significant drinking water threat policies and have regard to other policies. For example, MMAH ensures that official plan policies shall provide sufficient direction to ensure that land uses or developments associated with threat activities will be prohibited or managed as specified by the local Source Protection Plan policies that rely on Planning Act tools. In addition, MMAH ensures designated vulnerable areas, as identified in approved assessment reports, are identified on official plan schedules or through a mapping overlay approach that forms part of the official plan. MMAH efforts are to ensure drinking water sources are protected, improved or restored as is required to be consistent with the Provincial Planning Statement (PPS).		Yes



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question
2900 (5347)	17. In what other ways does MMAH integrate source protection considerations into their business or operational processes? Provide a brief description of each.

Agency	Answer	Comment	Completed
MMAH	MMAH takes source protection into consideration in its review of land use planning documents, including new official plans, official plan amendments, and other planning applications as applicable. MMAH engages directly with MECP (SPB) as a One-Window partner ministry during the review of draft, and Council adopted Official Plans and Official Plan updates. MMAH also considers source protection in the review of Minister’s Zoning Order requests, under Section 47 of the Planning Act.		Yes



Source Water Protection Supplemental Form SPR Ministry Report

SPR - Thames, Sydenham and Region - 2025

Report Id	Question	Answer	Comment	Completed
3000 (5349)	State the CUMULATIVE number of source water protection signs installed on provincial highways in the following source protection regions/areas. If there are new signs installed in this reporting period (i.e. ANNUAL), please provide details in the comments field.	0	There were no signs installed in reporting year 2025. A total of 128 drinking water protection signs have been installed on provincial highways up to the end of 2024.	Yes