

Supplementary Source Protection Sewage ECA Application Screening Form



Instructions

To ensure compliance with applicable Source Protection Plans under the *Clean Water Act, 2006* requirements:

- Complete **Section A** for each project and circulate form to Regional Source Protection Staff
- Source Protection Staff will complete **Section B** and return form to proponent
- Finalize ECA application using information provided in **Section B**
- If a significant drinking water threat identified, proponent will need to undertake **Section C**

Section A

Project Type: Storm Sewer Sanitary Sewer (wastewater) Wastewater Pumping Station (WWPS)
 Stormwater Management Pond (SWMP) Wastewater Treatment Plant (WWTP)

Project Description:

Attach Required Supporting Documents: <input type="checkbox"/> Drainage Area Plan (stamped/signed) <input type="checkbox"/> Sewer Design Sheet (storm and/or sanitary sewers) <input type="checkbox"/> Design Report for SWMP, WWPS and/or WWTP	Proponents Contact Information: Name: Company: Phone: Email:
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Section B

Completed by:

Date:

Source Protection Area: Halton Credit Valley Grand River

Municipal Drinking Water System(s):

Vulnerable Area: Wellhead Protection Area (A B C E) Intake Protection Zone Issue Contributing Area
 Significant Groundwater Recharge Area Highly Vulnerable Aquifer None

Vulnerability Score:

Sanitary Sewer > 10,000m³ / Day: Yes No

Storm Drainage Area (ha): <10 ≥10-100 >100

Predominant Land Use of Storm Drainage Area:

- Industrial / Commercial
- High Density Residential
- Low Density Residential
- Rural
- Agricultural

Significant Drinking Water Threat Activity: Yes No

Table of Drinking Water Threats, 2009 Circumstance(s)
Reference Number:

Source Protection Supplementary Report Required: Yes No

Location of project within Vulnerable Area(s)

If yes, direct proponent to prepare and attach Source Protection Supplementary Report.

Requirements for Source Protection Supplementary Report for Sewage Works Significant Drinking Water Threats



Section C

Applicants are required to demonstrate compliance with the CWA in their ECA proposal for sewage works which are a significant drinking water threat in a standalone supplementary report, titled the Source Protection Supplementary Report. The report should include the following information:

1. Attach Supplementary Source Protection Sewage ECA Application Screening Checklist (above)
2. Provide scaled site plan identifying the following:
 - the proposed sewage works and property boundaries
 - delineation of the vulnerable drinking water area(s)/ zone(s) and associated vulnerability score(s)
 - the location of the drinking water system(s), specifically the municipal drinking water wellhead or intake
 - immediate discharge points
3. Details outlining how the ministry's design and operational requirements (below) were applied to the proposed sewage works.

In order to prevent potential risks from becoming a significant drinking water threat, the ministry is implementing the following requirements for the establishment of sewage works where the works are a significant drinking water threat.

Design Requirements

- Design must include a Source Protection Supplementary Report that demonstrates that the proposed design recognized the significant drinking water threat and has implemented mitigation measures to protect drinking water sources. The report should identify drinking water sources, how the sewage works has met the requirements of the CWA and the ministry's design and operational requirements and how the works considered monitoring, reporting to address the risks.
- Designs must be accompanied with a monitoring and reporting plan.
- Designs must be accompanied with a Spill Prevention and Contingency Plan, covering information requirements as per O.Reg. 224/07 to prevent, eliminate or ameliorate any adverse drinking water effects that result or may result from spills of pollutants. This includes steps taken in the event drinking water sources are contaminated for example, notifying members of the public who may be directly affected by a spill.

Operational Requirements

- The Spill Prevention and Contingency Plans must be kept up-to-date.
 - Operational procedures established to include CCTV inspections every 5 years with records made available for inspection by the ministry.
4. Details outlining how the threat is managed to ensure that the sewage works does not become a significant threat to drinking water or, if the activity is already taking place, the activity ceases to become a significant threat to drinking water. This includes any mitigation measures to manage the risk to the drinking water source(s).