

DRINKING WATER SOURCE PROTECTION

ACT FOR CLEAN WATER

South Georgian Bay
Lake Simcoe
Source Protection
Region



**Degree of impact- Policies as
they relate to Fuel Storage**

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Where Significant

Significant Fuel Threats are only possible where the vulnerability score is 10.

Fuel Quantity	Well Head Protection Area						Intake Protection Zone					
	Below Grade		Partially Below Grade		Above Grade		Below Grade		Partially Below Grade		Above Grade	
	Liquid Fuel	Fuel Oil	Liquid Fuel	Fuel Oil	Liquid Fuel	Fuel Oil	Liquid Fuel	Fuel Oil	Liquid Fuel	Fuel Oil	Liquid Fuel	Fuel Oil
≥ 250 L												
≥ 2500 L												

Note: Shaded Cells represent the location, volume and type of fuel needed to be a Significant Threat.

Enumerating Fuel Threats

- All known above grade, below grade and partially below grade that are Significant Threats were counted
- Each well head protection area was assigned 1 fuel threat to capture home heating fuel . All houses heating with fuel that meet the circumstances would be an Existing Significant Threat.

Policy Overview

Responsible for implementation	Policy Overview
Municipality	RMP where significant
Provincial Ministry	MOE should maintain stewardship program
TSSA	TSSA should disclose to the SPA the #, location and reporting information related to fuel storage in vulnerable areas

Policy Impact Assessment-Brechin/Lagoon City Bulk Storage

The Facts

- 9000 L Underground Storage Tank
- 22 m from the WTP Building
- Old Marina Fuel Storage (Liquid Fuel)
- Has not been operated in 2 years



Brechin/Lagoon City Bulk Storage

Existing Bulk Storage Facility- Applicable Policies


The RMO shall negotiate a Risk Management Plan (RMP) with those who are handling or storing fuel where there is a significant drinking water threat. The Risk Management Plans may include conditions such as:

- 1) Secondary containment.
- 2) Spill/leak detection (monitoring processes).
- 3) Collision protection (bollards).

By February 1st of each year, the RMO shall prepare and submit to the SPA, a report documenting the action taken and the results obtained.



Home Heating Fuel- Existing and Future

Existing	Future
<p>The RMO shall negotiate a Risk Management Plan (RMP) with those who are handling or storing fuel where there is a significant drinking water threat. The Risk Management Plans may include conditions such as:</p> <ol style="list-style-type: none"> 1) Secondary containment. 2) Spill/leak detection (monitoring processes). 3) Collision protection (bollards). 	<p>The storage of fuel where it would be a significant drinking water threat is prohibited under Section 57 of the Clean Water Act</p>
<p>If the stewardship program is extended, SPAs shall implement risk reduction projects through the stewardship program targeting significant drinking water threats as appropriate.</p>	<p>This SWP plan designates all land uses within the areas where the handling and storage of fuel would be a significant drinking water threat, as a restricted land use under Section 59 of the Clean Water Act. All planning applications related to fuel handling and storage requires pre-screening by a RMO.</p>
	<p>Municipalities shall provide to the SPA a copy of the notice of adoption of the planning document amendments to:</p> <ul style="list-style-type: none"> • identify those lands subject to restricted land use provisions under Section 59 of the Clean Water Act, • include a disclosure report as part of the complete application requirements within a vulnerable area where there is or would be a significant drinking water threat, and • prohibit the handling and storage of fuel that would be a significant drinking water threat.

Stewardship

Q: *Can ODWSP funds be provided to a landowner to switch from home heating fuel to Natural Gas?*

A: Yes, eligible costs would include the removal of fuel oil storage tank and related piping, as well as the hook up to natural gas from the house to the property line.

Costs incurred for a new furnace and remediation of contaminated soils and water would not be eligible for funding.

