

Report To: Halton-Hamilton Source Protection Committee
Report No.: SPC-23-12-04
From: Martin Keller, Senior Manager, Watershed Planning and Source Protection
Date: December 5, 2023
Subject: Draft Policy Package – DNAPLs

Recommendation

THAT the Halton-Hamilton Source Protection Committee endorse the draft policies as presented in report SPC-23-12-04 Draft Policy Package – DNAPLs

Executive Summary

At the September 26, 2023 Halton-Hamilton Source Protection Committee meeting, Staff presented proposed draft policies for the handling and storage of Dense Non-Aqueous Phase Liquids (DNAPL). No comments were received by the Committee and no changes were made to the proposed draft policies presented in report (SPC report 23-09-04).

Report

Staff have been drafting revised policies for the handling and storage of DNAPLs in response to changes to the Technical Rules released in December 2121. A report addressing policy revisions for DNAPLs was presented to the Halton-Hamilton Source Protection Committee (SPC) in September 2023 (SPC report 23-09-04). The 2021 Director Technical Rules include the addition of a list of activities applicable to the circumstances related to the prescribed threat, Handling and Storage of DNAPLs. List 1 of Section 9 of the Glossary of Terms in the Table of Drinking Water Threats is intended to assist RMO/RMIs when implementing policy and is now referenced in the proposed Risk Management Plan policy. The addition of this reference is the only change that has been made to the current approved Halton-Hamilton Source Protection Plan. No comments were received from the committee on September 26, 2023 and no adjustments have been made to the proposed draft policy text, following that meeting. **Appendix A** contains all proposed policies for the handling and storage of DNAPLs.

Signed & respectfully submitted:



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Mardi Bergen
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Appendix A

Proposed Draft Policies: Handling & Storage of DNAPLs

Policy ID	T-44-C
Threat	Handling and storage of dense non-aqueous phase liquids
Policy Tool	Risk management plan
Policy Implementer	Risk Management Official
Policy	<p>a. The handling and storage of dense non-aqueous phase liquids is designated for the purpose of Section 58 of the CWA and a Risk Management Plan Shall be required where the following applies:</p> <ol style="list-style-type: none"> 1. Where the handling and storage of dense non-aqueous phase liquids is or would be significant drinking water threats 2. The engagement of an activity that may include, but is not limited to, those provided in List 1 of Section 9 of the Glossary of Terms in the Table of Drinking Water Threats. <p>b. the risk management official shall screen all building permit and <i>Planning Act</i> applications in accordance with policy G-2 within these vulnerable areas.</p> <p>c. the risk management official shall document in their annual report, in accordance with Section 65 of Ontario Regulation 287/07, action taken regarding risk management plans for the handling and storage of a dense non-aqueous phase liquid and submit this report to the Source Protection Authority by February 1 of each year.</p>
Legal Effect	<p>Part a - Must conform with - legally binding. List I (Appendix C – Compliance Lists)</p> <p>Part b - Must conform with - legally binding. List H (Appendix C - Compliance Lists)</p> <p>(Part c is a monitoring policy)</p>
Where Policy Applies	<p>See Figures 2 to 11.</p> <p>WHPA-A, B, C (all scores)</p>
When Policy Applies	Existing and future

Policy ID	T-53-C
Threat	Multiple
Policy Tool	Land use planning
Policy Implementer	Municipal planning authorities
Policy	<p>To facilitate the effective implementation of policies for significant drinking water threats and assist in municipal decision-making,</p> <p>a) the municipal planning authorities are requested to require proponents to disclose whether any of the following activities are expected to occur on the property where they would be significant drinking water threats, proposed storage location, where applicable, as well as the substances utilized or stored and their volume:</p> <ol style="list-style-type: none"> 1. the establishment, operation or maintenance of a system that collects, stores, transmits, treats, or disposes of sewage. 2. the application or storage of agricultural source material 3. the application or handling and storage of commercial fertilizer. 4. the application or handling and storage of pesticide. 5. the application or handling and storage of road salt. 6. the storage of snow 7. the handling and storage of fuel 8. the handling and storage of a dense non-aqueous phase liquid 9. the handling and storage of an organic solvent 10. the use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard 11. the establishment and operation of a liquid hydrocarbon pipeline. <p>b) the City of Hamilton, the Region of Halton, and the County of Wellington are requested to require a full disclosure report as part of a complete application under the Planning Act.</p> <p>c) the municipal planning authority shall report to the Source Protection Authority by February 1 of each year on actions taken</p>

	to amend municipal documents/processes to require disclosure of threat activities and the number of disclosure reports that were received in the previous year.
Legal Effect	Parts a and b Must conform with - legally binding. List A (Appendix C - Compliance Lists) (Part d is a monitoring policy)
Where Policy Applies	See Figures 2 to 11.
When Policy Applies	Future