

Draft Policies

Appendix B will be added when the SPC gets to the appropriate stage in the policy discussions. The draft policies presented in appendix B are placeholder policies based on the policy ideas noted above. They are presented in this document to facilitate policy discussion at the upcoming SPC meeting. And subsequent review and comment by the Municipal Source Protection Policy Advisory committee.

Policy Number	1.1-1
Sub- Threat(s)	Application of hauled sewage to land
Circumstance	<p>Hauled sewage applied to the land may result in the release to groundwater or surface water. Along with the vulnerability score, the size of the application area needs to be taken into consideration when assessing whether the threat is significant, moderate or low.</p> <ul style="list-style-type: none"> ○ Significant threat: vulnerable areas with an application area of >10 ha ○ Moderate threat: IPZ-1 with a vulnerability score of 7 (>10 ha) <ul style="list-style-type: none"> IPZ-1 with vulnerability score of 8 (<1 ha, 1-10 ha, >10 ha) IPZ-2 with a vulnerability score of 7.2 (1-10, nitrogen; >10 ha for nitrogen and total phosphorus) ○ Low threat: IPZ-1 with vulnerability score of 5 (1-10 ha; >10 ha) <ul style="list-style-type: none"> IPZ-1 with a vulnerability score of 6 (<1 ha, 1-10 ha, >10 ha) IPZ-1 with a vulnerability score of 7 (<1 ha, 1-10 ha, >10 ha) IPZ-2 with a vulnerability score of 4.8 (1-10 ha nitrogen, >10 ha for total phosphorus and nitrogen) IPZ-2 with a vulnerability score of 6.3 (<1 ha, 1-10 ha, >10 ha) IPZ-2 with a vulnerability score of 6.4 (<1 ha, 1-10 ha, >10 ha) IPZ-2 with a vulnerability score of 7.2 (<1 ha nitrogen and total phosphorus, 1-10 ha total phosphorus)
Vulnerable Area	WHPA-A, B with a vulnerability score of 10; IPZ-1 with vulnerability scores of 9 and 10
Risk	Significant, Moderate and Low
Body Responsible for Implementing	Municipal Watershed partnership with Conservation Authority as lead. The implementation of this policy in this manner builds on the strengths and efficiencies of the Conservation Authorities as a partnership of the municipalities in the watershed.
Threat Status	Existing, Expanding and Future
Land Use	Agriculture (or any other land use which could be associated with the spreading of hauled sewage)

Appendix B – draft policies

Legal Effect	Conform for significant threats, have regard when related to moderate and low threats
Policy Tool	Education and Outreach
Policy Idea	<p>Protect the drinking water sources from the nutrient and pathogen risks associated with the application of hauled sewage to land by promoting Best Management Practices. These practices may include:</p> <ul style="list-style-type: none"> • Area-wide education and outreach programs targeted to haulers/spreaders and agricultural/rural landowners on the importance of respecting separation distance requirements and respecting the conditions of their C of A including the prohibition of application of hauled sewage in areas where it would be a significant threat; • Promotion of widespread adoption of best management practices for haulers/spreaders (including pre-treatment of septage, method of incorporation into soil, timing of application); and, • Area-wide education and outreach programs targeted at landowners with septic systems and holding tanks about the importance of maintaining their systems and reducing their use of phosphorus-containing products. • The implementation of this policy through the existing municipal partnership of the Conservation Authority will allow these programs to be built on existing watershed education and outreach in an efficient manner. The municipalities can be involved in the program development and delivery depending on their individual needs; however the program(s) would be developed in a consistent manner across the region.
Implementation schedule	Within 2 years of the approval of the Source Protection Plan.
Monitoring Policy	The implementing body shall report to the SPA the number of educational packages offered as well as a description of the actions/measures they have taken to implement the education/outreach in the previous year. Measures of tracking the uptake by the target audience will also be included in this report.

Policy Number	1.1-2
Sub- Threat(s)	Application of hauled sewage to land
Circumstance	Hauled sewage applied to the land may result in a release to groundwater or surface water. The application of hauled sewage is a significant threat if the total application area is >10 ha.
Vulnerable Area	WHPA-A, B with a vulnerability score of 10; IPZ-1 with vulnerability scores of 9 and 10
Risk	Significant
Body Responsible for Implementing	Conservation Authority, Municipality, MOE and others
Threat Status	Existing, Expanding, Future
Land Use	Agriculture (or any other land use which could be associated with the spreading of hauled sewage)
Legal Effect	Strategic
Policy Tool	Incentive Programs
Policy Idea	Incentive programs were considered and determined to not be applicable to this threat.
Implementation schedule	N/A
Monitoring Policy	N/A

Policy Number	1.1-3
Sub- Threat(s)	Application of hauled sewage to the land
Circumstance	Hauled sewage applied to the land may result in a release to groundwater or surface water. The application of hauled sewage is a significant threat if the total application area is >10 ha.
Vulnerable Area	WHPA-A, B with a vulnerability score of 10; IPZ-1 with vulnerability scores of 9 and 10
Risk	Significant
Body Responsible for Implementing	Municipality
Threat Status	Future
Land Use	Agriculture (or any other land use which could be associated with the spreading of hauled sewage)
Legal Effect	Strategic action
Policy Tool	Other – Specify Action (Municipal Act Powers)
Policy Idea	Municipalities shall be encouraged, through the powers granted under the Municipal Act, to ban the land application of hauled sewage within areas where it can be a significant threat.
Implementation schedule	
Monitoring Policy	Municipalities will notify the CA if they proceed with a bylaw to prohibit the spreading of hauled sewage where it would be a significant threat.

Policy Number	1.1-4
Sub- Threat(s)	Application of hauled sewage on the land
Circumstance	Hauled sewage applied to the land may result in a release to groundwater or surface water. The application of hauled sewage is a significant threat if the total application area is >10 ha.
Vulnerable Area	WHPA-A, B with a vulnerability score of 10; IPZ-1 with vulnerability scores of 9 and 10
Risk	Significant
Body Responsible for Implementing	MOE
Threat Status	Existing or Future
Land Use	Agriculture (or any other land use which could be associated with the spreading of hauled sewage)
Legal Effect	Conform
Policy Tool	Prescribed instruments-Environmental Protection Act
Policy Idea	The MOE shall be required to issue C of As which prohibits the application of hauled sewage in areas where it would be seen as a significant threat.
Implementation schedule	Within 1 year of the approval of the Source Protection Plan.
Monitoring Policy	MOE shall report annually to the SPA with the number of C of As issued for the application of hauled sewage which specified a prohibition in the areas where the application would be a significant threat and the number of C of As which were denied as the entire application area was within the areas where the application would be a significant threat.

Policy Number	1.1-5
Sub- Threat(s)	Applied hauled sewage to the land
Circumstance	Hauled sewage applied to the land may result in a release to groundwater or surface water. The application of hauled sewage is a significant threat if the total application area is >10 ha.
Vulnerable Area	WHPA-A, B with a vulnerability score of 10; IPZ-1 with vulnerability scores of 9 and 10
Risk	Significant
Body Responsible for Implementing	Municipality
Threat Status	Existing, Expanding and Future
Land Use	Municipal Operations/Infrastructure; All
Legal Effect	Strategic
Policy Tool	Other-Specific Action (Municipal Operations/Infrastructure)
Policy Idea	It is recommended that municipalities work towards ensuring adequate sewage treatment capacity for the treatment/stabilization of septage before applying it to the land. Capacity should be in the municipality where the sewage is generated or provided through agreement by a nearby municipality. Municipalities develop programs to encourage other treatment options (such as by haulers) where sewage treatment capacity is not feasible.
Implementation schedule	N/A
Monitoring Policy	The municipality shall report to the CA if adequate sewage treatment capacity is installed. If alternative treatment options are instituted, the municipality shall also provide a report to the CA.

Policy Number	1.1-6
Sub- Threat(s)	Application of hauled sewage to the land
Circumstance	Hauled sewage applied to the land may result in a release to groundwater or surface water. The application of hauled sewage is a significant threat if the total application area is >10 ha.
Vulnerable Area	WHPA-A, B with a vulnerability score of 10; IPZ-1 with vulnerability scores of 9 and 10
Risk	Significant
Body Responsible for Implementing	MOE
Threat Status	Existing, and Future
Land Use	All
Legal Effect	Strategic
Policy Tool	Other- Specify Action
Policy Idea	The MOE shall prioritize inspections of areas near vulnerable areas where the application of hauled sewage is considered a significant threat.
Implementation schedule	Within 1 year of the approval of the Source Protection Plan.
Monitoring Policy	MOE shall report to the SPA with the number of inspections carried out as well as the number of locations where corrective action was required and the nature of the corrective action.