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9.0 REGIONAL MUNICIPALITY OF HALTON

The following Regional Municipality of Halton Source Protection Plan policies apply to the City of Guelph water supply systems' well head protection areas located in the Regional Municipality of Halton as presented in Schedule A. The City of Guelph and County of Wellington Source Protection Plan policies should be reviewed for policies which apply within the City of Guelph and County of Wellington, respectively. Adjacent Source Protection Region Source Protection Plan policies should be consulted for Regional Municipality of Halton policies outside of the Grand River watershed.

9.1 Definitions

General definitions are provided in Volume I of the Source Protection Plan or in the *Clean Water Act, 2006*. Defined terms are intended to capture both the singular and plural forms of these terms.

The following definitions shall apply to the Regional Municipality of Halton Source Protection Policies.

Halton Region – means Regional Municipality of Halton

Town of Milton – means the Corporation of the Town of Milton

Existing Threat – means an activity that commenced or has been engaged in at a location in a vulnerable area within ten (10) years prior to the Source Protection Plan taking effect where there would be a significant drinking water threat and includes any expansion of the activity only on the same parcel of land.

Future Threat – means any activity in a vulnerable area where there could be a significant drinking water threat that is not defined as an existing threat within this Source Protection Plan.

9.2 Regional Municipality of Halton Source Protection Plan Policies

Policy Number	Source Protection Plan Policies within Regional Municipality Of Halton
Implementation Timing and Transition Policies	
HR-CW-1.1.1 <i>Implementation, Timing</i>	This source protection plan came into effect on July 1, 2016, the effective date specified in the Notice of Approval posted on the Environmental Bill of Rights Registry. Amendments to the Source Protection Plan are permitted in accordance with the <i>Clean Water Act, 2006</i> , and the General Regulations. The effective date for amended policies, only including but not limited to the addition of new drinking water threats and regulated areas and activities, is the date of posting of the Notice of Approval of the amendment provisions on the Environmental Bill of Rights Registry.
HR-CW-1.1.2 <i>Implementation, Timing</i>	Except as set out below, the policies contained in this Source Protection Plan shall take effect on the date set out by the Minister. <ol style="list-style-type: none"> For Section 57 of the <i>Clean Water Act, 2006</i> if an activity was engaged in at a particular location before the relevant policies within this Source Protection Plan took effect, policies regarding prohibited activities do not apply to a person who engages in the activity at that location until 180 days from the date the Source Protection Plan takes effect; For Section 58 of the <i>Clean Water Act, 2006</i> if an activity was engaged in at a particular location before the relevant policies within this Source Protection Plan took effect and the Risk Management Official gives notice to a person who is

Policy Number	Source Protection Plan Policies within Regional Municipality Of Halton
	<p>engaged in the activity at that location that, in the opinion of the Risk Management Official, policies regarding regulated activities should apply to the person who engages in the activity at that location on and after a date specified in the notice that is at least 120 days after the date of the notice;</p> <ul style="list-style-type: none"> c. For Section 59 of the <i>Clean Water Act</i>, 2006 policies regarding restricted land uses shall take effect the same day the relevant policies within the Source Protection Plan takes effect; d. Where the Source Protection Policies require Halton Region to develop and implement education and outreach and/or incentive programs as the primary tool for managing or eliminating a particular significant threat and where such programs are deemed necessary and/or appropriate by the Region of Halton and subject to available funding, such programs shall be developed and implemented within five (5) years from the date the relevant policies within the Source Protection Plan takes effect; e. For Sections 43 of the <i>Clean Water Act</i>, 2006 if an activity was engaged in at a particular location before the relevant policies within this Source Protection Plan took effect, amendments to Prescribed Instruments shall be completed within three (3) years from the date the Source Protection Plan takes effect, and, f. For Section 40 and 42 of the <i>Clean Water Act</i>, 2006 the Official Plans must be amended to conform with the significant threat policies and adopted by municipal council by the next five (5) year Official Plan update as required under subsection 26(1) of the <i>Planning Act</i> or within five (5) years from the date the relevant policies within the Source Protection Plan takes effect. Zoning and/or by-law conformity exercises may be completed within three (3) years of the completion of the Official Plan conformity exercise as per section 26(9) of the <i>Planning Act</i>.
<p>HR-CW-1.2</p> <p><i>Transition</i></p>	<p>The following transition provisions apply to the Source Protection Plan policies. For the purposes of this Plan, where one or more of the following has been received regarding a future significant threat activity prior to the Source Protection Plan coming into effect and where a policy in this Plan prohibits a “future” threat activity, the policy for managing “existing” drinking water threat activities applies in the following cases even though those activities will commence after the Source Protection Plan comes into effect:</p> <ul style="list-style-type: none"> a. A complete application for site plan approval under the <i>Planning Act</i>; b. An application for Environmental Compliance Approval; or c. A complete application for a Building Permit that significant threat activity shall be permitted subject to the policies pertaining to existing significant threat activity as well as any further applications required under the <i>Planning Act</i>, <i>Condominium Act</i>, and Building Permit or Prescribed Instruments required to implement the development proposal associated with this significant threat activity. <p>Where the above noted applications have lapsed or been withdrawn, this policy shall no longer apply.</p>
Uses and Areas Designated as Restricted Land Uses Policies	
<p>HR-CW-1.3</p> <p><i>Part IV- RLU</i></p>	<p>In accordance with Section 59 of the <i>Clean Water Act</i>, all land uses, with the exception of residential uses, where significant drinking water threat activities have been designated for the purpose of Section 57 and 58 of the <i>Clean Water Act</i>, are hereby designated as Restricted Land Uses. Within these areas, a written Notice from the Risk Management Official shall be required prior to approval of any Building Permit, <i>Planning Act</i> or <i>Condominium Act</i> application.</p> <p>Notwithstanding, a Risk Management Official may issue written direction specifying the conditions that would permit a planning authority or building official to make a</p>

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	<p>determination whether to: 1) designate a site specific residential land use as a Restricted Land Use; or 2) exempt a site specific land use from the Restricted Land Use designation. In order to exempt a site specific land use, the planning authority or building official must be satisfied that:</p> <ul style="list-style-type: none"> a. The application complies with the written direction issued by the Risk Management Official; and b. The applicant has demonstrated that a significant drinking water threat activity designated for the purposes of section 57 or 58 will not be engaged in, or will not be affected by the application.
Official Plan and Zoning By-law Amendment(s) Policies	
HR-MC-1.4 <i>Land Use Planning</i>	Halton Region and the Town of Milton shall amend their Official Plan and/or Zoning By-Laws to: <ul style="list-style-type: none"> a. Identify the vulnerable areas in which drinking water threats prescribed under the <i>Clean Water Act</i>, 2006 would be significant; b. Indicate that within the areas identified, any use or activity that is, or would be, a significant drinking water threat is required to conform with all applicable Source Protection Plan policies and, as such, may be prohibited, restricted or otherwise regulated by those policies; c. Incorporate any other amendments required to conform with the threat specific land use policies identified in this Source Protection Plan.
Education and Outreach Programs Policies	
HR-CW-1.5 <i>Education & Outreach</i>	Halton Region, in collaboration with other bodies where desirable, may develop and implement education and outreach programs directed at any, or all, significant threat activities prescribed under the <i>Clean Water Act</i> , 2006 where such programs are deemed necessary and/or appropriate by Halton Region and subject to available funding. Such programs may include, but not necessarily be limited to, increasing awareness and understanding of drinking water threats and promotion of best management practices.
Incentive Programs Policies	
HR-CW-1.6 <i>Incentive Specify Action</i>	Halton Region, in collaboration with other implementing bodies and levels of government where desirable, may develop and implement incentive programs directed at various significant threat activities prescribed under the <i>Clean Water Act</i> , 2006, where such programs are deemed necessary and/or appropriate by the Region and subject to available funding.
HR-NB-1.7 <i>Incentive Specify Action</i>	The Ministry of Environment, Conservation and Parks and other Provincial Ministries shall consider providing funding for incentive programs, such as the Ontario Drinking Water Stewardship Program, to protect existing and future drinking water sources and address significant drinking water threats.
Annual Reporting Policies	
HR-CW-1.8 <i>Monitoring</i>	Halton Region shall provide a report to the Source Protection Authority, by February 1st of each year, summarizing the actions taken to implement the Source Protection Plan policies.
HR-CW-1.9 <i>Monitoring</i>	Where the Halton Region and Town of Milton are required to amend their Official Plan and/or Zoning By-laws as a result of policies in this plan, they shall provide notice to the Source Protection Authority within 30 days of the amendment(s) coming into effect.
HR-CW-1.10 <i>Monitoring</i>	The Risk Management Official shall provide a report to the Source Protection Authority, by February 1st of each year, summarizing the actions taken to implement the Source

Policy Number	Source Protection Plan Policies within Regional Municipality Of Halton
	Protection policies, in accordance with the <i>Clean Water Act</i> , 2006 and associated regulations.
HR-CW-1.11 <i>Monitoring</i>	Where the Source Protection Plan policies require a provincial ministry to amend a Prescribed Instrument or issue a new Prescribed Instrument, the applicable Ministry shall provide a summary of the actions taken including documenting the number and locations where such instruments were reviewed and/or amended and any actions taken and/or terms and conditions imposed. The applicable ministry shall provide a written report summarizing this information to the Source Protection Authority by February 1st of each year.
HR-CW-1.12 <i>Monitoring</i>	Where the Source Protection Plan policies require a provincial ministry to deny an activity within a Prescribed Instrument, the applicable Ministry shall document the number and locations where such instruments were denied and provide a summary of the actions taken to the Source Protection Authority by February 1st of each year.
Strategic Action Policies	
Spill Prevention, Spill Contingency or Emergency Response Plans	
HR-NB-1.14 <i>Existing/ Future Specify Action</i>	<p>To ensure the protection of drinking water sources with respect to spills that occur within a wellhead protection area along highways, railway lines, or shipping lanes, Halton Region and the Ministry of the Environment, Conservation and Parks are encouraged to incorporate the Wellhead Protection Area mapping into their Emergency Response Plan and Spills Action Centre mapping, respectively.</p> <p>The mapping should be included in both the Emergency Response Plan and Spill Action Centre resource mapping within two (2) years of the Source Protection Plan taking effect.</p>
Transport Pathways	
HR-NB-1.15 <i>Existing/ Future Specify Action</i>	<p>To protect municipal water supplies from increased vulnerability due to transport pathways, the following policies apply:</p> <ol style="list-style-type: none"> The Ministry of the Environment, Conservation and Parks is requested to provide ongoing funding for incentive programs focused on facilitating the proper decommissioning of wells in accordance with Ontario Regulation 903. Halton Region is requested to incorporate conditions of approval for <i>Planning Act</i> and <i>Condominium Act</i> applications to ensure private wells that are no longer in use are decommissioned in accordance with Ontario Regulation 903. Halton Region is requested to ensure best management practices are utilized to protect the quantity and quality of groundwater sources during the installation of future municipal infrastructure.
Interpretation	
HR-CW-1.16 <i>Interpretation of Source Protection Plan</i>	<p>The Source Protection Plan provides policies to meet the objectives of the <i>Clean Water Act</i>, 2006. The Source Protection Plan consists of the written policy text and Schedules.</p> <ol style="list-style-type: none"> The Schedules in the Source Protection Plan identify the areas where the policies of the Source Protection Plan apply. The boundaries for the circumstances shown on the Plan Schedules are general. More detailed interpretation of the boundaries relies on the mapping in the approved Assessment Report and the Specific Circumstances found in the Source Water Protection Tables of Drinking Water Threats and circumstances, <i>Clean Water Act</i>, 2006. Where any Act or portion of an Act of the Ontario Government or Canadian Government is referenced in this Plan, such reference shall be interpreted to refer to any subsequent renaming of sections in the Act as well as any

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	subsequent amendments to the Act, or successor thereof. This provision is also applicable to any policy statement, regulation or guideline issued by the Province or the municipality.

9.3 Policies Addressing Prescribed Drinking Water Threats

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the Regional Municipality Of Halton
1. Establishment, Operation or Maintenance of a Waste Disposal Site, within the Meaning of Part V of the <i>Environmental Protection Act</i>	
HR-MC-2.1 <i>Existing Prescribed Instr.</i> WHPA-A-v.10 WHPA-B-v.10 WHPA-B-v.8	For existing waste disposal sites within the meaning of Part V of the <i>Environmental Protection Act</i> within vulnerable areas where this activity is a significant drinking water threat, The Ministry of the Environment, Conservation and Parks shall review and revise, if necessary, all existing Environmental Compliance Approvals to include terms and conditions that, when implemented, will ensure this activity ceases to be and/or never becomes a significant drinking water threat.
HR-CW-2.2 <i>Existing Part IV-RMP</i> WHPA-A-v.10 WHPA-B-v.10 WHPA-B-v.8	To ensure existing waste disposal sites and storage facilities exempt from Environmental Compliance Approvals under Section 39 of the <i>Environmental Protection Act</i> cease to be a significant drinking water threat, where this activity is a significant drinking water threat, these activities are designated for the purpose of Section 58 of the <i>Clean Water Act</i> , 2006 and a Risk Management Plan is required.
HR-MC-2.3 <i>Future Prescribed Instr.</i> WHPA-A-v.10 WHPA-B-v.10 WHPA-B-v.8	For future waste disposal sites within the meaning of Part V of the <i>Environmental Protection Act</i> within vulnerable areas where this activity is a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall prohibit the activities within the Environmental Compliance Approval process to ensure these activities never become a significant drinking water threats.
HR-CW-2.4 <i>Future Part IV-Prohibit.</i> WHPA-A-v.10 WHPA-B-v.10 WHPA-B-v.8	For future waste disposal sites and storage facilities exempt from Environmental Compliance Approvals under Section 39 of the <i>Environmental Protection Act</i> within vulnerable areas where this activity would be a significant drinking water threat, these activities are designated for the purpose of Section 57 of the <i>Clean Water Act</i> , 2006 and therefore are prohibited to ensure these activities never become a significant drinking water threats.
2. Establishment, Operation or Maintenance of a System That Collects, Stores, Transmits, Treats or Disposes of Sewage	
Sewage System or Sewage Works- Onsite Sewage System	
Sewage System or Sewage Works- Onsite Sewage Systems Holding Tank	
HR-CW-3.1 <i>Existing/Future Specify Action</i> WHPA-A-v.10 WHPA-B-v.10	To reduce the risk to drinking water from any existing and future on-site sewage system with a design flow of less than or equal to 10,000 Litres per day and regulated under the <i>Ontario Building Code Act</i> or the <i>Ontario Water Resources Act</i> , where such an activity would be a significant drinking water threat, the Town of Milton shall implement the mandatory on-site sewage system maintenance inspection program as required under the <i>Building Code Act</i> to ensure this activity ceases to be and/or never becomes a significant drinking water threat.
HR-MC-3.2 <i>Existing/Future Prescribed Instr.</i> WHPA-A-v.10 WHPA-B-v.10	For existing or future on-site sewage system with a design flow of greater than 10,000 Litres per day and regulated under the <i>Ontario Water Resources Act</i> where such an activity is or would be a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall ensure that Environmental Compliance Approvals required for these septic systems are prepared to incorporate terms and

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	<p>conditions that, when implemented, ensure this activity ceases to be and/or never becomes a significant drinking water threat.</p> <p>This may include, as appropriate, mandatory monitoring of groundwater impacts, contingencies in the event that the quality of sources of drinking water is adversely affected, regular and ongoing compliance monitoring, mandatory system inspections at least every five (5) years, if necessary.</p>
Sewage System or Sewage Works- Sanitary Sewers and Related Pipes Sewage System or Sewage Works- Discharge from a Stormwater Management Facility Sewage System or Sewage Works- Sewage Works Storage – Treatment or Holding Tanks Sewage System or Sewage Works- Sewage Treatment Plant Effluent Discharges (includes lagoons)	
HR-MC-3.3 <i>Existing/Future Prescribed Instr.</i> <i>WHPA-A-v.10</i> <i>WHPA-B-v.10</i> <i>WHPA-B-v.8</i>	<p>To ensure existing and future sewage system or sewage works- sanitary sewers and related pipes, storm water management facilities, storage of sewage and sewage treatment plant effluent discharges cease to be and/or never become significant drinking water threats, the Ministry of the Environment, Conservation and Parks shall ensure that Environmental Compliance Approvals include terms and conditions (such as regular maintenance) that, when implemented, will manage the risks to drinking water sources associated with these activities.</p>
3. The Application of Agricultural Source Material to Land 4. The Storage of Agricultural Source Material	
HR-CW-4.1 <i>a)Existing/Future Part IV-Prohibit WHPA-A-v.10</i> <i>b)Existing/Future Part IV-RMP WHPA-B-v.10</i>	<p>To ensure the application and storage of Agricultural Source Material (ASM) ceases to be and/or never becomes a significant drinking water threat, for activities not phased in under the <i>Nutrient Management Act</i>, where these activities are or would be a significant drinking water threat;</p> <ol style="list-style-type: none"> Existing and future activities within Wellhead Protection Area A (WHPA-A) are designated for the purpose of Section 57 of the <i>Clean Water Act</i>, 2006 and are therefore prohibited. Existing and future activities within Wellhead Protection Area B (WHPA-B) with a vulnerability score of 10 are designated for the purposes of Section 58 of the <i>Clean Water Act</i>, 2006 therefore a Risk Management Plan will be required. These Risk Management Plans shall be based upon the regulatory requirements of a Nutrient Management Plan or Strategy under the <i>Nutrient Management Act</i> and scoped to address these specific threats. Contingency plans as required for Nutrient Management Plans and Strategies must contain notification requirements to report a leak or spill from an agricultural source material storage facility.
HR-MC-4.2 <i>a) Existing/Future Prescribed Instr. WHPA-A-v.10</i> <i>b) Existing/ Future Prescribed Instr. WHPA-B-v.10</i>	<p>To ensure the application and storage of Agricultural Source Material (ASM) ceases to be and/or never becomes a significant drinking water threat, for activities phased in under the <i>Nutrient Management Act</i>, the Ontario Ministry of Agriculture, Food and Rural Affairs shall ensure that Nutrient Management Strategies and Plans are:</p> <ol style="list-style-type: none"> Prohibited for existing and future activities in Wellhead Protection Area A (WHPA-A) with a vulnerability score of 10; and Managed for existing and future activities in Wellhead Protection Area B (WHPA-B) with a vulnerability score of 10. Nutrient Management Strategies and Plans must be inclusive of measures to protect drinking water sources. Contingency plans required for Nutrient Management Plans and Strategies must contain notification requirements to report a leak or spill from an agricultural source material storage facility.
6. The Application of Non-Agricultural Source Material (NASM) to Land 7. The Handling and Storage of Non-Agricultural Source Material (NASM)	

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the Regional Municipality Of Halton
<p>HR-MC-5.1</p> <p>a) Existing/ Future Prescribed Instr. WHPA-A-v.10</p> <p>b) Existing/Future Prescribed Instr. WHPA-B-v.10</p> <p>Only applies to the application of NASM containing material from a meat plant or sewage works</p>	<p>To ensure the application, or handling and storage of non-agricultural source material where such an activity would be a significant drinking water threat, ceases to be and/or never becomes a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs and/or the Ministry of the Environment, Conservation and Parks shall:</p> <ol style="list-style-type: none"> a. Prohibit Non-Agricultural Source Material (NASM) Plans for existing and future activities in Wellhead Protection Area A (WHPA-A) with a vulnerability score of 10; and b. Review and, if necessary, amend any Non-Agricultural Source Material (NASM) Plan to ensure terms and conditions are included that reduce the risk to drinking water sources for the following area for existing and future activities in Wellhead Protection Area B (WHPA-B) with a vulnerability score of 10.
<p>HC-CW-5.2</p> <p>Existing/Future Part IV-Prohibit WHPA-A-v.10</p> <p>Only applies to the application of NASM containing material from a meat plant or sewage works</p>	<p>Where the existing and future application, or handling and storage of non-agricultural source material would be a significant drinking water threat, these activities are designated for the purpose of Section 57 of the <i>Clean Water Act</i>, 2006 and are therefore prohibited within a Wellhead Protection Area A (WHPA-A) to ensure these activities never become a significant drinking water threat.</p>
<p>8. The Application of Commercial Fertilizer to Land</p>	
<p>9. The Handling and Storage of Commercial Fertilizer</p>	
<p>HR-CW-6.1</p> <p>Existing/Future Part IV-RMP WHPA-A-v.10 WHPA-B-v.10</p> <p>Does currently not apply to the application of commercial fertilizer due to percent managed land and livestock density calculation</p>	<p>To ensure the existing and future application, handling and storage of commercial fertilizer ceases to be and/or never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat for properties not phased in under the <i>Nutrient Management Act</i>, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act</i>, 2006 and a Risk Management Plan shall be required.</p>
<p>HR-MC-6.2</p> <p>Existing/Future Prescribed Instr. WHPA-A-v.10 WHPA-B-v.10</p> <p>Does currently not apply to the application of commercial fertilizer due to percent managed land and livestock density calculation</p>	<p>To ensure the existing and future application, handling and storage of commercial fertilizer ceases to be and/or never becomes a significant drinking water threat, for properties phased in under the <i>Nutrient Management Act</i> where such an activity is or would be a significant drinking water threat, the Ministry of Agriculture Food and Rural Affairs shall ensure that Nutrient Management Plans and/or Strategies are inclusive of measures to reduce the risk to drinking water sources.</p>
<p>10. The Application of Pesticide to Land</p>	
<p>11. The Handling and Storage of Pesticides</p>	

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the Regional Municipality Of Halton
HR-CW-7.1 <i>a) Existing Part IV-RMP WHPA-A-v.10</i> <i>b) Existing/ Future Part IV-RMP WHPA-B-v.10</i>	To ensure the application of pesticide and the handling and storage of pesticide ceases to be and/or never becomes a significant drinking water threat, these activities are designated for the purposes of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan is required in the following areas: <ol style="list-style-type: none"> a. Existing activities in Wellhead Protection Area A (WHPA-A) with a vulnerability score of 10; and b. Existing and Future activities in Wellhead Protection Area B (WHPA-B) with a vulnerability score of 10. c.
HR-MC-7.2 <i>Future Part IV-Prohibit WHPA-A-v.10</i>	Where the future handling and storage of pesticides would be a significant drinking water threat the activity is designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and are therefore prohibited within a Wellhead Protection Area A (WHPA-A) to ensure they never become a significant drinking water threat.
HR-NB-7.3 <i>Existing/Future Education&Outreach WHPA-A-v.10 WHPA-B-v.10</i>	Where the application, handling and storage of pesticide is, or would be, a significant drinking water threat, the Ministry of Environment, Conservation and Parks should develop education, training and outreach programs promoting integrated pest management and alternative pest control best management practices, particularly for agricultural properties, golf courses and sports fields where these activities are significant drinking water threats.
13. The Handling and Storage of Road Salt	
HR-MC-8.1 <i>Future Land Use Planning WHPA-A-v.10 WHPA-B-v.10</i>	The Region of Halton and the Town of Milton shall amend their Official Plans to prohibit future salt storage and handling facilities with a capacity greater than 5,000 tonnes of road salt where this activity would be a significant drinking water threat, to ensure these activities never become significant drinking water threats.
14. The Storage of Snow	
HR-MC-9.1 <i>Future Land Use Planning WHPA-A-v.10 WHPA-B-v.10</i>	The Region of Halton and Town of Milton shall include policies in their Official Plan requiring all future development to be designed and maintained based on best management practices regarding snow storage including the provision of designated snow storage areas and the management of associated melt water to ensure this activity never becomes a significant drinking water threat.
15. The Handling and Storage of Fuel	
HR-CW-10.1 <i>a)Future Part IV-Prohibit WHPA-A-v.10</i> <i>b)Existing/Future Part IV-RMP WHPA-A-v.10 WHPA-B-v.10</i>	Where existing and future handling and storage of fuel is or would be a significant drinking water threat within a vulnerable area excluding fuel oil tanks with storage of fuel less than or equal to 2,500 Litres: <ol style="list-style-type: none"> a. Future handling and storage of fuel for a retail gas station or bulk fuel storage facility excluding bulk fuel storage associated with a municipal emergency generator facility within a Wellhead Protection Area A (WHPA-A) are designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and is therefore prohibited to ensure this activity never becomes a significant drinking water threat. b. The handling and storage of fuel, excluding those prohibited in HR-CW-10.1a within a Wellhead Protection Area A and B (WHPA-A, WHPA-B), has been designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i>. The Risk Management Plan shall contain monitoring, reporting and auditing requirements to ensure this activity ceases to be and/or never becomes a significant drinking water threat.
HR-MC-10.2	In consideration of any future <i>Planning Act</i> application for the handling and storage of fuel within vulnerable areas where this activity would be a significant drinking water

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<p style="text-align: center;"><i>Future Land Use Planning WHPA-A-v.10</i></p>	<p>threat, the future handling and storage of fuel in conjunction with a future or expanded retail gas station and future or expanded bulk fuel storage facility excluding bulk fuel storage associated with a municipal emergency generator facility is not permitted within a Wellhead Protection Area A (WHPA-A), to ensure this activity never becomes a significant drinking water threat.</p>
<p>HR-CW-10.3</p> <p style="text-align: center;"><i>Existing/Future Education&Outreach WHPA-A-v.10 WHPA-B-v.10</i></p>	<p>The Region of Halton shall develop and implement an education and outreach program for the handling and storage of fuel in quantities less than or equal to 2,500 Litres outlining the requirements of owning a heating oil system including proper maintenance and the steps to be taken if there is a spill or leak detected to ensure this activity ceases to be and/or never becomes a significant drinking water threat.</p>
<p>16. The Handling and Storage of a Dense Non-Aqueous Phase Liquid (DNAPL) 17. The Handling and Storage of an Organic Solvent</p>	
<p>HR-CW-11.1</p> <p style="text-align: center;"><i>Existing/Future Education&Outreach WHPA-A/B/C</i></p>	<p>The Region of Halton shall develop and implement an education and outreach program for the handling and storage of dense non-aqueous phase liquid and organic solvents to encourage business and industry to utilize alternative products where available, where these activities are or would be significant drinking water threats.</p>
<p>HR-CW-11.2</p> <p style="text-align: center;"><i>a)Future Part IV-Prohibit WHPA-A-v.10</i></p> <p style="text-align: center;"><i>b)Existing/Future Part IV-RMP WHPA-B/C</i></p>	<p>To ensure the existing and future handling and storage of a dense non-aqueous phase liquid never becomes a significant drinking water threat, where this activity is or would be a significant drinking water threat within a vulnerable area:</p> <ol style="list-style-type: none"> a. Future or expanded handling and storage of a dense non-aqueous phase liquids is designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and is therefore prohibited within a Wellhead Protection Area A (WHPA-A) b. The existing or future handling and storage of a dense non-aqueous phase liquid is designated for the purpose of Section 58 in Wellhead Protection Area B, C (WHPA-B, WHPA-C) and therefore requires a Risk Management Plan. c.
<p>HR-MC-11.3</p> <p style="text-align: center;"><i>Future Land Use Planning WHPA-A-v.10</i></p>	<p>In consideration of any future <i>Planning Act</i> application where the land uses associated with the future handling and storage of dense non-aqueous phase liquid and/or organic solvents would be a significant drinking water threat under the <i>Clean Water Act, 2006</i> is prohibited within a Wellhead Protection Area A (WHPA-A) to ensure these activities never become significant drinking water threats.</p>
<p>18. The Management of Runoff that Contains Chemicals Used in De-icing of Aircraft</p>	
<p>HR-NB-12.1</p> <p style="text-align: center;"><i>Existing/Future Specify Action WHPA-A-v.10 WHPA-B-v.10</i></p> <p style="text-align: center;"><i>Monitoring</i></p>	<p>Where the future runoff containing de-icing chemicals would be a significant drinking water threat within a vulnerable area, the airport authority, in their consideration of any future airport facilities, is encouraged to include appropriate design standards and best management practices to prevent the runoff from airport de-icing facilities from becoming a significant drinking water threat.</p> <p>The Town of Milton shall report to the Source Protection Authority if an application has been made for a future airport facility within the vulnerable areas where this activity would be a significant drinking water threat by February 1st of each year.</p>
<p>21. The Use of Land as Livestock Grazing or Pasturing Land, an Outdoor Confinement Area or Farm Animal Yard</p>	
<p>HR-MC-13.1</p> <p style="text-align: center;"><i>Existing/Future Prescribed Instr. WHPA-A-v.10 WHPA-B-v.10</i></p>	<p>For existing and future outdoor confinement areas or farm animal yards phased in under the <i>Nutrient Management Act</i> located within a vulnerable area where these activities are or would be a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs shall ensure all Nutrient Management Strategies completed under the <i>Nutrient Management Act</i> include terms and conditions that, when implemented, the activity ceases to be and/ or never becomes a significant drinking water threat.</p>

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the Regional Municipality Of Halton
HR-CW-13.2 <i>Existing/ Future Part IV-RMP WHPA-A-v.10 WHPA-B-v.10</i>	For existing and future outdoor confinement areas or farm animal yards on farms not phased-in under the <i>Nutrient Management Act</i> , and the use of land for livestock grazing or pasturing on all agricultural properties are designated for the purposes of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plans is required to ensure this activity ceases to be a significant drinking water threat. These Risk Management Plans shall be based upon the regulatory requirements of a Nutrient Management Strategy under the <i>Nutrient Management Act</i> and incorporate best management practices as appropriate.
22. The Establishment and Operation of a Hydrocarbon Pipeline	
HR-NB-14.1 <i>Specify Action WHPA-A-v.10; WHPA-B-v.10</i> <i>Monitoring</i>	To ensure the conveyance of oil by way of the establishment and operation of liquid hydrocarbon pipelines within the meaning of O.Reg 210/01 under the <i>Technical Safety and Standards Act</i> or that is subject to the <i>National Energy Board Act</i> , within vulnerable areas where this activity would be a significant drinking water threat, never becomes a significant drinking water threat, the National Energy Board, Ontario Energy Board and the pipeline proponent are encouraged to provide the Source Protection Authority the location of any future proposed oil pipelines within the Source Protection Area. The Source Protection Authority shall document in the annual report the number of future oil pipelines proposed within vulnerable areas where this activity would be a significant drinking water threat.

Appendix A: List of Policies as per Section 34 of Regulation 287/07

LIST A

Title: Significant threat policies that affect decisions under the *Planning Act* and *Condominium Act*, 1998

Opening Statement: “Clause 39 (1)(a), subsections 39 (2), (4) and (6), and sections 40 and 42 of the *Clean Water Act*, 2006 apply to the following policies:”

Content: HR-CW-1.1.1, HR-CW-1.1.2, HR-CW-1.2, HR-CW-1.3, HR-MC-1.4, HR-MC-8.1, HR-MC-9.1, HR-MC-10.2, HR-MC-11.3

LIST B

Title: Moderate and low threat policies that affect decisions under the *Planning Act* and *Condominium Act*, 1998

Opening Statement: “Subsection 39 (1) (b) of the *Clean Water Act*, 2006 applies to the following policies:”

Content: No Applicable Policies

LIST C

Title: Significant threat policies that affect Prescribed Instrument decisions

Opening Statement: “Subsection 39 (6), clause 39 (7) (a), section 43 and subsection 44 (1) of the *Clean Water Act*, 2006 apply to the following policies:”

Content: HR-CW-1.1.1, HR-CW-1.1.2, HR-CW-1.2, HR-MC-2.1, HR-MC-2.3, HR-MC-3.2, HR-MC-3.3, HR-MC-4.2, HR-MC-5.1, HR-MC-6.2, HR-MC-13.1

LIST D

Title: Moderate and low threat policies that affect Prescribed Instrument decisions

Opening Statement: “Clause 39 (7) (b) of the *Clean Water Act*, 2006 applies to the following policies:”

Content: No Applicable Policies

LIST E

Title: Significant threat policies that impose obligations on municipalities, source protection authorities and local boards

Opening Statement: “Section 38 and subsection 39 (6) of the *Clean Water Act*, 2006 applies to the following policies:”

Content: HR-CW-1.1.1, HR-CW-1.1.2, HR-CW-1.2, HR-CW-1.5, HR-CW-1.6, HR-CW-1.16, HR-CW-3.1, HR-CW-10.3, HR-CW-11.1

LIST F

Title: Monitoring policies referred to in subsection 22 (2) of the *Clean Water Act*, 2006

Opening Statement: “Section 45 of the *Clean Water Act*, 2006 applies to the following policies:”

Content: HR-CW-1.8, HR-CW-1.9, HR-CW-1.10, HR-CW-1.11, HR-CW-1.12, HR-NB-14.1, HR-NB-12.1

LIST G

Title: Policies related to section 57 of the *Clean Water Act*, 2006

Opening Statement: “The following policies relate to section 57 (prohibition) of the Clean Water Act.”

Content: HR-CW-1.1.1, HR-CW-1.1.2, HR-CW-1.2; HR-CW-1.3, HR-CW-2.4, HR-CW-4.1a, HR-CW-5.2, HR-CW-7.2, HR-CW-10.1a, HR-CW-11.2a

LIST H

Title: Policies related to section 58 of the *Clean Water Act*, 2006

Opening Statement: “The following policies relate to section 58 (Risk Management Plans) of the Clean Water Act.”

Content: HR-CW-1.1.1, HR-CW-1.1.2, HR-CW-1.3, HR-CW-2.2, HR-CW-4.1b, HR-CW-6.1, HR-CW-7.1, HR-CW-10.1b, HR-CW-11.2b, HR-CW-13.2

LIST I

Title: Policies related to section 59 of the *Clean Water Act*, 2006

Opening Statement: “The following policies relate to section 59 (restricted land use) of the *Clean Water Act*.”

Content: HR-CW-1.1.1, HR-CW-1.1.2, HR-CW-1.3

LIST J

Title: Strategic Action policies

Opening Statement: For the purposes of section 33 of Ontario Regulation 287/07, the following policies are identified as strategic action policies:

Content: HR-NB-1.14, HR-NB-1.15

LIST K

Title: Significant threat policies targeted to bodies other than municipalities, local board or source protection authorities for implementation

Opening Statement: The following policies are identified as non-legally binding policies:

Content: HR-NB-1.7, HR-NB-14.1, HR-NB-7.3, HR-NB-12.1

9.4 Appendix B: Prescribed Instruments and Policy Summary Table

Table 1: Prescribed Instruments Which Apply To Source Protection Plan Policies In Lists C And D Above (S.34(4) Of O.Reg. 287/07)

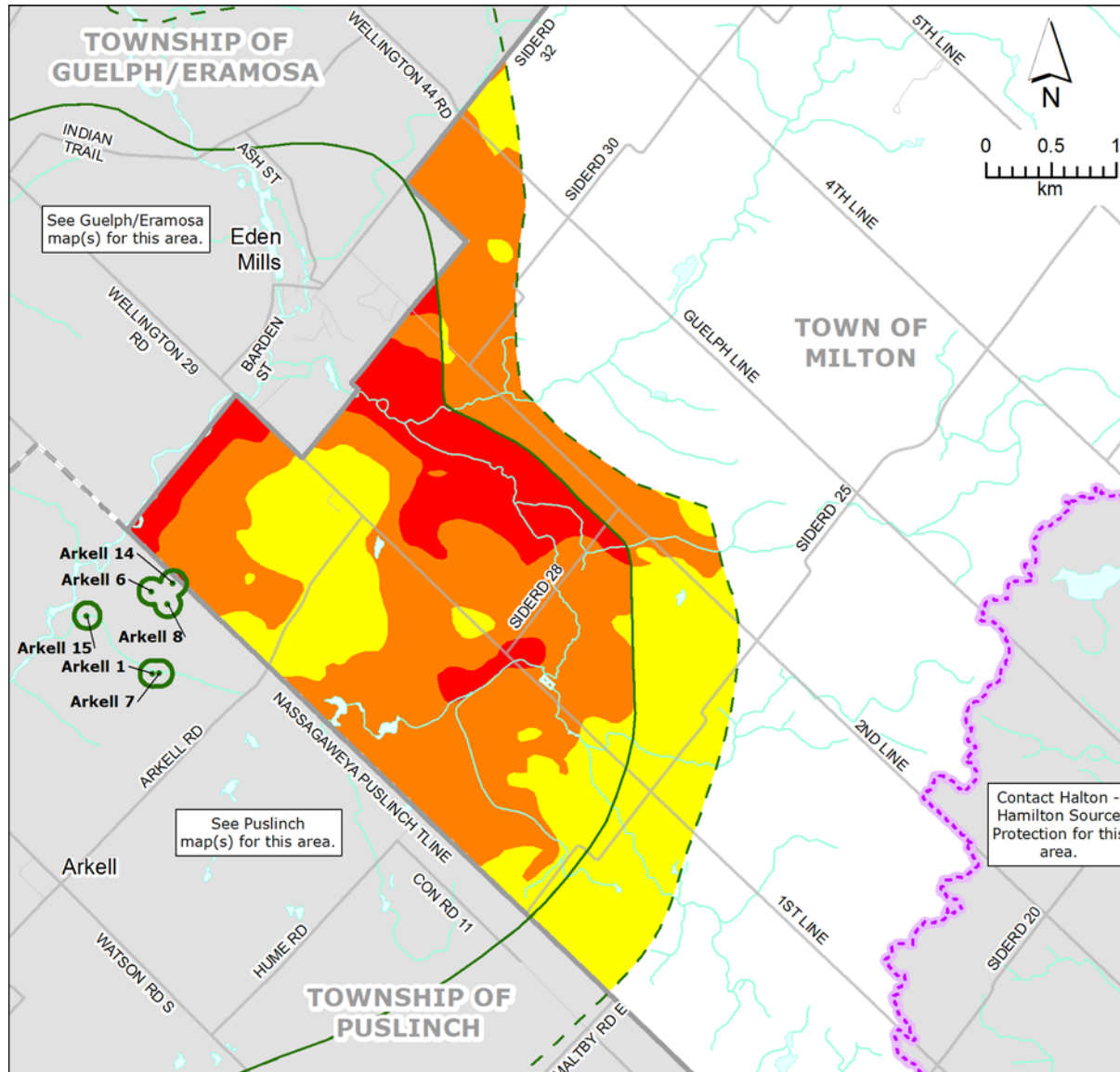
Policy #	Legal Effect (conform with, have regard to)	Environmental Protection Act	Nutrient Management Act	Ontario Water Resources Act
HR-CW-1.1.1	Comply With	X	X	X
HR-CW-1.1.2	Comply With	X	X	X
HR-CW-1.2	Comply With	X		X
HR-MC-2.1	Must Conform	X		X
HR-MC-2.3	Must Conform	X		X
HR-MC-3.2	Must Conform	X		X
HR-MC-3.3	Must Conform	X		X
HR-MC-4.2	Must Conform		X	
HR-MC-5.1	Must Conform	X	X	
HR-MC-6.2	Must Conform		X	
HR-MC-13.1	Must Conform		X	

Table 2: Policy Summary Matrix

Policy #	Legal Effect (conform with, have regard to, non-binding)	Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)	Policy affects Prescribed Instrument decisions (Lists C and D)	Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)	Monitoring policies referred to in s.22(2) of the CWA (List F)	Part IV Policies - Significant threat policies that are designated in the plan as requiring a Risk Management Plan, are prohibited under s. 57, or to which s. 59 of the CWA applies (Lists G, H, and I)	Strategic Action Policies (List J)	Significant threat policies which designate a body other than a municipality, source protection authority or local board as responsible for implementing the policy (List K)
HR-CW-1.1.1	Comply With	X	X	X		X		
HR-CW-1.1.2	Comply With	X	X	X		X		
HR-CW-1.2	Comply With	X	X	X		X		
HR-CW-1.3	Comply With	X				X		
HR-MC-1.4	Must Conform	X						
HR-MC-8.1	Must Conform	X						
HR-MC-9.1	Must Conform	X						
HR-MC-10.2	Must Conform	X						
HR-MC-11.3	Must Conform	X						
HR-MC-2.1	Must Conform		X					
HR-MC-2.3	Must Conform		X					
HR-MC-3.2	Must Conform		X					
HR-MC-3.3	Must Conform		X					
HR-MC-4.2	Must Conform		X					
HR-MC-5.1	Must Conform		X					
HR-MC-6.2	Must Conform		X					

Policy #	Legal Effect (conform with, have regard to, non-binding)	Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)	Policy affects Prescribed Instrument decisions (Lists C and D)	Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)	Monitoring policies referred to in s.22(2) of the CWA (List F)	Part IV Policies - Significant threat policies that are designated in the plan as requiring a Risk Management Plan, are prohibited under s. 57, or to which s. 59 of the CWA applies (Lists G, H, and I)	Strategic Action Policies (List J)	Significant threat policies which designate a body other than a municipality, source protection authority or local board as responsible for implementing the policy (List K)
HR-MC-13.1	Must Conform		X					
HR-CW-1.5	Comply With			X				
HR-CW-1.6	Comply With			X				
HR-CW-3.1	Comply With			X				
HR-CW-10.3	Comply With			X				
HR-CW-11.1	Comply With			X				
HR-CW-1.16	Comply With			X				
HR-CW-1.8	Comply With				X			
HR-CW-1.9	Comply With				X			
HR-CW-1.10	Comply With				X			
HR-CW-1.11	Comply With				X			
HR-CW-1.12	Comply With				X			
HR-CW-1.13	Non-binding				X			
HR-CW-2.4	Comply With					X		
HR-CW-4.1	Comply With					X		
HR-CW-5.2	Comply With					X		
HR-CW-7.2	Comply With					X		
HR-CW-10.1	Comply With					X		
HR-CW-11.2	Comply With					X		
HR-CW-13.2	Comply With					X		
HR-CW-2.2	Comply With					X		
HR-CW-6.1	Comply With					X		
HR-CW-7.1	Comply With					X		
HR-NB-1.14	Non-binding						X	
HR-NB-1.15	Non-binding						X	
HR-NB-1.7	Non-binding							X
HR-NB-7.3	Non-binding							X
HR-NB-12.1	Non-binding				X			X
HR-NB-14.1	Non-binding				X			X

9.5 Schedule A: Regional Municipality of Halton: Groundwater Vulnerability Areas



Significant Drinking Water Threat Policy Applicability

Significant Drinking Water Threat Policy Categories	Vulnerability Scores on Map		
	10	8	2,4,6
1. Waste Disposal	█	█	█
2. Sewage Systems	█	█	
3, 4. Agricultural Source Material	█	█	
6, 7. Non-Agricultural Source Material*	█	█	
8, 9. Commercial Fertilizer*	█	█	
10, 11. Pesticide	█	█	
12, 13. Road Salt*	█	█	
14. Storage of Snow	█	█	
15. Fuel	█	█	
16. DNAPLs	█	█	█
17. Organic Solvents	█	█	
18. Aircraft De-icing	█	█	
21. Livestock Area	█	█	
22. Oil Pipelines	█	█	

Note: This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within Non-GUDI Wellhead Protection Zones on this map. For details refer to the Drinking Water Threats Tables from the Ministry of the Environment and Climate Change, and the text of this Source Protection Plan.
 *Application of Commercial Fertilizer, Non-Agricultural Source Material, and Road Salt may not be a significant drinking water threat in some areas due to the % managed land, livestock density, and/or % impervious surface calculations for these areas. See the text of this plan for further details.

- Well
- Road
- ~ Minor River
- ~ Lake / Main River
- ▭ Halton Region Boundary
- - - Lower Tier Municipal Boundary
- ▭ Grand River Source Protection Area Boundary
- Wellhead Protection Zones:**
- WHPA-A
- WHPA-B
- WHPA-C



1. Updated January 8, 2019
 2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at www.sourcewater.ca.
 3. This map is for illustrative purposes only. Information contained herein is not a substitute for professional review or a site survey and is subject to change without notice. The Grand River Conservation Authority takes no responsibility for, nor guarantees, the accuracy of the information contained on this map. Any interpretations or conclusions drawn from this map are the sole responsibility of the user.

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