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3.0 COUNTY OF GREY – TOWNSHIP OF SOUTHGATE

The following County of Grey, Township of Southgate Source Protection Plan policies apply to the Dundalk water supply system within the Grand River Watershed as presented in Schedule A. Neighbouring Source Protection Plans should be consulted for applicable policies outside of the Grand River Watershed.

3.1 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 County of Grey, Township of Southgate Source Protection Policies.

Existing – means:

- a. Undertaken or established as of the date the Source Protection Plan takes effect; or
- b. A use, activity, building or structure at a location in a vulnerable area that is in compliance with all applicable regulations on the effective date of this Source Protection Plan, or at some point prior to the effective date of the Source Protection Plan with a demonstrated intent to continue; or
- c. An expansion of an existing use or activity, which may include a new building or structure to service the existing use or activity; or
- d. The expansion, replacement or alteration of an existing building or structure associated with a significant drinking water threat; or
- e. The conversion of an existing use to a similar use.

New or Future – means not existing, as defined herein.

Township – means the Corporation of the Township of Southgate

3.2 Township of Southgate Source Protection Plan Policies

Policy Number	Source Protection Plan Policies within the Township of Southgate
Implementation and Timing Policies	
GC-S-CW-1.1 <i>Implement. & Timing</i>	<p>Except as set out below, the policies contained in this Source Protection Plan shall take effect on the date set by the Minister.</p> <ul style="list-style-type: none"> a. For Section 57 of the <i>Clean Water Act, 2006</i>, if an activity was engaged in at a particular location before 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; b. For Section 58 of the <i>Clean Water Act, 2006</i>, if an activity was engaged in at a particular location before this Source Protection Plan took effect and the Risk Management Official gives notice to a person who is engaged in the activity at that location that, in the opinion of the Risk Management

Policy Number	Source Protection Plan Policies within the Township of Southgate
	<p>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, 2006</i>, policies regarding restricted land uses shall take effect the same day the Source Protection Plan takes effect; d. Where the Source Protection Policies require the Township to develop and implement education and outreach programs as the primary tool for managing or eliminating a particular significant threat, and where they are deemed necessary and/or appropriate by the Township, such programs shall be developed and implemented within five (5) years from the date the Source Protection Plan takes effect. e. For Sections 43 of the <i>Clean Water Act, 2006</i>, if an activity was engaged in at a particular location before 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. f. For Section 40 and 42 of the <i>Clean Water Act, 2006</i>, the Official Plan and Zoning By-Laws 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 Source Protection Plan takes effect
Uses and Areas Designated as Restricted Land Use Policies	
<p>GC-S-CW-1.2</p> <p style="text-align: center;"><i>Part IV-RLU</i></p>	<p>In accordance with Section 59 of the <i>Clean Water Act, 2006</i>, all land uses in the Township of Southgate’s official plan and zoning by-law that are located within a vulnerable area where significant drinking water threats may be subject to Section 57 or 58 policies, are hereby designated as Restricted Land Uses.</p> <p>Despite the above policy, a site specific proposed land use that is the subject of an application for an approval under the <i>Planning Act</i> (as prescribed in O. Reg. 287/07 Section 62) or for a permit under the <i>Building Code Act</i> is not designated for the purpose of Section 59 if the applicant can demonstrate to the satisfaction of the planning authority or the building official, as the case may be, that a significant drinking water threat activity designated for the purposes of Section 57 or 58 will not be engaged in.</p>
Official Plan and Zoning By-law Amendment(s) Policies	
<p>GC-S-MC-1.3</p> <p style="text-align: center;"><i>Future Land Use Planning</i></p>	<p>The Township and Counties of Grey and Dufferin shall amend their Official Plan and/or Zoning By-Laws to:</p> <ul style="list-style-type: none"> a. Identify the vulnerable areas in which drinking water threats prescribed under the <i>Clean Water Act, 2006</i> 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; and 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	
<p>GC-S-CW-1.4</p> <p style="text-align: center;"><i>Existing/Future Education & Outreach</i></p>	<p>The Township in collaboration with Conservation Authorities and other bodies where possible, may develop and implement education and outreach programs directed at any, or all, significant drinking water threats prescribed under the <i>Clean Water Act, 2006</i>, where such programs are deemed necessary and/or appropriate by the Township and subject to available funding. Such programs may include, but not necessarily be limited to, increasing awareness and understanding of</p>

Policy Number	Source Protection Plan Policies within the Township of Southgate
	significant drinking water threats and promotion of best management practices.
Incentive Program Policies	
GC-S-CW-1.5 <i>Existing/Future Incentive</i>	The Township, in collaboration with other bodies and levels of government where possible, may develop and implement incentive programs directed at various significant threat activities prescribed under the <i>Clean Water Act, 2006</i> , where such programs are deemed necessary and/or appropriate by the Township, subject to available funding.
GC-S-NB -1.6 <i>Existing/Future Incentive</i>	The Ministry of Environment and other provincial ministries shall consider providing continued funding and support for incentive programs to protect existing and future drinking water sources and address significant drinking water threats, such as through the Ontario Drinking Water Stewardship Program and the Rural Water Quality Program.
Annual Reporting Policies	
GC-S-CW-1.7 <i>Monitoring</i>	The Township shall provide a report to the Source Protection Authority, by February 1 st of each year, summarizing the actions taken to implement the Source Protection Plan Policies, where specifically required by the policies.
GC-S-CW-1.8 <i>Monitoring</i>	Where the Township and/or County of Grey are required to amend their Official Plan and/or Zoning By-law to bring their planning documents into conformity with the Source Protection Plan, the Township and County shall provide proof of compliance to the Source Protection Authority and shall provide a copy of such compliance within 30 days of final adoption of the amendment(s) or, where the matter has been appealed to the Ontario Municipal Board, the date of their decision to approve.
GC-S-CW-1.9 <i>Monitoring</i>	The Risk Management Official shall provide a report to the Source Protection Authority, by February 1 st of each year, summarizing the actions taken by the Risk Management Official to implement the Source Protection Policies, in accordance with the Part IV of the <i>Clean Water Act, 2006</i> and associated regulations.
GC-S-CW-1.10 <i>Monitoring</i>	Where the Source Protection Plan policies require a provincial ministry to amend a Prescribed Instrument or the issuance of a new Prescribed Instrument, the applicable Ministry shall provide a summary of the actions taken the previous year to implement the policies and provide a written report summarizing this information to the Source Protection Authority by February 1 st of each year.
GC-S-CW-1.11 <i>Monitoring</i>	Where the Source Protection Plan policies require a provincial ministry to deny an activity with a Prescribed Instrument, the applicable Ministry shall summarize the actions taken the previous year to implement the policies and provide a written report summarizing this information to the Source Protection Authority by February 1 st of each year.
Local Threat: The Conveyance of Oil by way of Underground Pipelines	
GC-S-NB-1.12 <i>Future Specify Action WHPA-A-10</i>	<p>To reduce the risks to drinking water due to the conveyance of oil by way of underground pipeline within the meaning of O. Reg. 210/01 under the <i>Technical Safety and Standards Act</i> or under the <i>National Energy Board Act</i>, where this activity would be a significant drinking water threat, the pipeline proponent, the National Energy Board, and Ontario Energy Board are encouraged to provide the Source Protection Authority and the Township the location of any new proposed pipeline within the Township and/or Source Protection Area.</p> <p>The Source Protection Authority shall document in the annual report the number of</p>

Policy Number	Source Protection Plan Policies within the Township of Southgate
<i>Monitoring</i>	new pipelines proposed within vulnerable areas if a pipeline has been proposed and/or an application has been received.
Strategic Action	
Spill Prevention, Spill Contingency or Emergency Response Plans	
GC-S-NB-1.13 <i>Future Specify Action</i>	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, the Township, County of Grey and the Ministry of the Environment are encouraged to incorporate the Wellhead Protection Area mapping into their Emergency Response Plan and Spills Action Centre mapping.
Transport Pathways	
GC-S-NB-1.14 <i>Existing/Future Specify Action</i>	The Township is requested to support ongoing programs, which encourage the decommissioning of abandoned wells as per O. Reg. 903, within all vulnerable areas where there is or would be a significant drinking water threat.
Interpretation	
GC-S-CW-1.15 <i>Interpretation of Source Protection Plan</i>	<p>The Source Protection Plan provides policies to meet the objectives of the <i>Clean Water Act, 2006</i>. 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 Tables of Drinking Water Threats, <i>Clean Water Act, 2006</i>. 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 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.

3.3 Policies Addressing Prescribed Drinking Water Threats

Policy Number	Policies Addressing Prescribed Drinking Water Threats within The Township of Southgate
1. Establishment, Operation or Maintenance of a Waste Disposal Site, within the Meaning of Part V of the <i>Environmental Protection Act</i>	
GC-S-MC-2.1 <i>Existing Prescribed Instr. WHPA-A-v.10</i>	To ensure any existing waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> that is subject to an Environmental Compliance Approval ceases to be a significant drinking water threat, where such an activity is a significant drinking water threat, the Ministry of the Environment shall review and, if necessary, amend Environmental Compliance Approvals to ensure that appropriate terms and conditions are incorporated that, when implemented, will ensure that this activity is managed to reduce the risk to drinking water sources.
GC-S-CW-2.2 <i>Existing Part IV- RMP WHPA-A-v.10</i>	To ensure any existing waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> which does not require an Environmental Compliance Approval, ceases to be a significant drinking water threat, where such an activity is a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.

Policy Number	Policies Addressing Prescribed Drinking Water Threats within The Township of Southgate
GC-S-MC-2.3 <i>Future Prescribed Instr. WHPA-A-v.10</i>	To ensure the establishment, operation or maintenance of a new waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> that is subject to an Environmental Compliance Approval never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the Ministry of the Environment shall prohibit these activities within the Environmental Compliance Approvals process.
GC-S-CW-2.4 <i>Future Part IV-Prohibit. WHPA-A-v.10</i>	To ensure the establishment, operation or maintenance of a new waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> which does not require an Environmental Compliance Approval, never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, this activity is designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
2. Establishment, Operation or Maintenance of a System That Collects, Stores, Transmits, Treats or Disposes of Sewage	
Sewage System or Sewage Works - Septic System and Septic System Holding Tanks	
GC-S-CW-3.1 <i>Existing/Future Specify Action WHPA-A-v.10</i>	To ensure any existing or new septic system and holding tanks with a design flow of less than or equal to 10,000 Litres per day and regulated under the Ontario <i>Building Code Act</i> or the <i>Ontario Water Resources Act</i> ceases to be or never becomes a significant drinking water threat, where such an activity is, or would be, a significant drinking water threat, the Township shall implement an on-site septic system maintenance inspection program. Inspections should be prioritized based on the proximity to the drinking water supply.
GC-S-MC-3.2 <i>Future Land Use Planning WHPA-A-v.10</i>	To ensure the establishment of any new on-site septic system and holding tanks with a design flow of greater than 10,000 Litres per day and regulated under Section 53 of the Ontario <i>Water Resources Act</i> never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the Township and County of Grey, where applicable, shall prohibit development which relies on this type of on-site septic system within the municipal planning approval process.
Sewage System or Sewage Works - Storage of Sewage (e.g., treatment plant tanks) Sewage System or Sewage Works- Sewage Treatment Plant Effluent Discharges	
GC-S-MC-3.3 <i>Existing/Future Prescribed Instr. WHPA-A-v.10</i>	To ensure any existing or new sewage treatment plant with effluent and/or bypass discharge or new sewage treatment plants with sewage storage tanks ceases to be or never becomes a significant drinking water threat, where such an activity is, or would be, a significant drinking water threat, the Ministry of the Environment shall prohibit these activities within the Environmental Compliance Approvals process for such sewage treatment plants on lands located within identified vulnerable areas.
Sewage System or Sewage Works - Sanitary Sewers and Related Pipes	
GC-S-MC-3.4 <i>Existing/Future Prescribed Instr. WHPA-A-v.10</i>	To ensure any existing or new sanitary sewer and related pipes ceases to be or never becomes a significant drinking water threat, where such an activity is, or would be, a significant drinking water threat, the Ministry of the Environment shall review and, if necessary, amend or prepare Environmental Compliance Approvals to ensure that appropriate terms and conditions are incorporated that when implemented, will reduce the risk to drinking water. The terms and conditions may include requirements for the proponent/applicant to undertake regular maintenance and inspections.

Policy Number	Policies Addressing Prescribed Drinking Water Threats within The Township of Southgate
	Sewage System or Sewage Works - Discharge of Stormwater from a Stormwater Management Facility
<p>GC-S-MC-3.5</p> <p><i>Existing/Future Prescribed Instr. WHPA-A-v.10</i></p>	<p>To ensure any existing or new discharge of stormwater from a stormwater management facility ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the Ministry of the Environment shall prohibit this activity within the Environmental Compliance Approvals process.</p>
<p>6. The Application of Non-Agricultural Source Material (NASM) to Land</p>	
<p>GC-S-MC-4.1</p> <p><i>Future Prescribed Instr. WHPA-A-v.10</i></p> <p><i>Only applies to NASM containing material from a meat plant or sewage works</i></p>	<p>To ensure the future application of Non-Agricultural Source Material to land never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs or the Ministry of the Environment, as applicable, shall not approve this activity in a Non-Agricultural Source Material (NASM) Plan, in accordance with the <i>Nutrient Management Act</i> or an Environmental Compliance Approval in accordance with the <i>Environmental Protection Act</i>.</p>
<p>3. The Application of Agricultural Source Material to Land 4. The Storage of Agricultural Source Material 7. The Handling and Storage of Non-Agricultural Source Material (NASM) 8. The Application of Commercial Fertilizer to Land 9. The Handling and Storage of Commercial Fertilizer 10. The Application of Pesticides to Land 11. The Handling and Storage of Pesticides 21. The Use of Land as Livestock Grazing or Pasturing Land, an Outdoor Confinement Area or Farm Animal Yard</p>	
<p>GC-S-CW-5.1</p> <p><i>Existing/Future Part IV-RMP WHPA-A-v.10</i></p>	<p>To ensure the:</p> <ol style="list-style-type: none"> a. Existing and future application of pesticides to land; and b. Existing handling and storage of pesticides <p>cease to be or never become a significant drinking water threat, where such activities are, or would be, significant drinking water threats, these activities shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required, except for residential properties.</p>
<p>GC-S-CW-5.2</p> <p><i>Existing/Future Part IV-Prohibit. WHPA-A-v.10</i></p> <p><i>Does not apply to application of commercial fertilizer in WHPA-A due to the percent managed land and livestock density calculation</i></p>	<p>To ensure the:</p> <ol style="list-style-type: none"> a. Existing and future application of agricultural source material to land; b. Existing and future storage and handling of agricultural source material; c. Existing and future storage and handling of non-agricultural source material; d. Existing and future application of commercial fertilizer to land; e. Existing and future storage and handling of commercial fertilizer; f. Future handling and storage of pesticides; and g. Existing and future use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm animal yard <p>cease to be or never become significant drinking water threats, where such activities are, or would be, significant drinking water threats, these activities shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.</p>
<p>GC-S-CW-5.3</p> <p><i>Existing/Future Education & Outreach</i></p>	<p>To ensure the:</p> <ol style="list-style-type: none"> a. Existing and future application of pesticides to land; and b. Existing handling and storage of pesticides

Policy Number	Policies Addressing Prescribed Drinking Water Threats within The Township of Southgate
<i>WHPA-A-v.10</i>	<p>cease to be or never become a significant drinking water threat, where such activities are or would be significant drinking water threats on residential properties, the Township shall develop and implement an education and outreach program.</p> <p>Such a program may include, but not necessarily be limited to, increasing awareness and understanding of the drinking water threats and promotion of best management practices.</p>
<p>13. The Handling and Storage of Road Salt 14. The Storage of Snow</p>	
<p>GC-S-CW-6.1</p> <p><i>Existing/Future Part IV-Prohibit. WHPA-A-v.10</i></p>	<p>To ensure any existing or new handling and storage of road salt and the storage of snow cease to be or never become significant drinking water threats, where such activities are, or would be, significant drinking water threats, these activities shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.</p>
<p>15. The Handling and Storage of Fuel</p>	
<p>GC-S-CW-7.1</p> <p><i>Existing/Future Education & Outreach WHPA-A-v.10</i></p>	<p>To ensure the existing or future handling and storage of fuel equal to or less than 2,500 Litres ceases to be or never becomes a significant drinking water threat, where such an activity is, or would be, a significant drinking water threat, the Township shall develop and implement an education and outreach program outlining the requirements under the fuel oil code by the Technical Standards and Safety Authority and best management practices that could be implemented.</p>
<p>GC-S-CW-7.2</p> <p><i>Existing Part IV-RMP WHPA-A-v.10</i></p> <p><i>Monitoring</i></p>	<p>To ensure the existing handling and storage of fuel of more than 2,500 Litres ceases to be a significant drinking water threat, where such an activity is a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p> <p>For significant threats that are Technical Standards and Safety Authority regulated, the Risk Management Plan should be scoped to a contaminant management plan and any monitoring, reporting and auditing requirements provided to the Technical Standards and Safety Authority.</p>
<p>GC-S-CW-7.3</p> <p><i>Future Part IV-Prohibit WHPA-A-v.10</i></p>	<p>To ensure any new handling and storage of liquid fuel of more than 2,500 Litres never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat; this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.</p>
<p>16. The Handling and Storage of a Dense Non-Aqueous Phase Liquid (DNAPL)</p>	
<p>GC-S-CW-8.1</p> <p><i>Existing Part IV-RMP WHPA-A-v.10</i></p>	<p>To ensure any existing handling and storage of a dense non-aqueous phase liquid for industrial, commercial, institutional and agricultural purposes within a Wellhead Protection Area (WHPA) A ceases to be a significant drinking water threat, where such an activity is a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p>
<p>GC-S-CW-8.2</p> <p><i>Future Part IV-Prohibit WHPA-A-v.10</i></p>	<p>To ensure any new handling and storage of a dense non-aqueous phase liquid for industrial, commercial institutional and agricultural purposes within Wellhead Protection Area (WHPA) A, never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the storage and</p>

Policy Number	Policies Addressing Prescribed Drinking Water Threats within The Township of Southgate
	handling of dense non-aqueous phase liquids shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
GC-S-CW-8.3 <i>Existing/Future Education & Outreach WHPA-A/B/C</i>	To ensure any existing or new handling and storage of a dense non-aqueous phase liquid ceases to be or never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the Township in consultation with the Township of Melancthon and the County of Dufferin, where applicable, shall develop and implement an education and outreach program to encourage the use of alternative products, where available, and the proper handling/storage and disposal procedures for these products.
17. The Handling and Storage of Organic Solvents 18. The Management of Runoff that Contains Chemicals Used in De-icing of Aircraft	
GC-S-CW-9.1 <i>Existing Part IV-RMP WHPA-A-v.10</i>	To ensure any existing handling and storage of organic solvents ceases to be a significant drinking water threat, where such an activity is a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
GC-S-CW-9.2 <i>Future Part IV-Prohibit WHPA-A-v.10</i>	To ensure any new handling and storage of organic solvents and the management of runoff that contains chemicals used in the de-icing of aircrafts never become significant drinking water threats, where such activities would be a significant drinking water threats, these activities shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.

3.4 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: GC-S-CW-1.1, GC-S-CW-1.2, GC-S-MC-1.3, GC-S-CW-1.15, GC-S-MC-3.2

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: GC-S-CW-1.1, GC-S-MC-2.1, GC-S-MC-2.3, GC-S-MC-3.3, GC-S-MC-3.4, GC-S-MC-3.5, GC-S-MC-4.1

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: GC-S-CW-1.1, GC-S-CW-1.4, GC-S-CW-1.5, GC-S-CW-1.15, GC-S-CW-3.1, GC-S-CW-5.3, GC-S-CW-7.1, GC-S-CW-8.3

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: GC-S-CW-1.7, GC-S-CW-1.8, GC-S-CW-1.9, GC-S-CW-1.10, GC-S-CW-1.11, GC-S-NB-1.12, GC-S-CW-7.2

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* 2006.”

Content: GC-S-CW-1.1, GC-S-CW-2.4, GC-S-CW-5.2, GC-S-CW-6.1, GC-S-CW-7.3, GC-S-CW-8.2, GC-S-CW-9.2

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: GC-S-CW-1.1, GC-S-CW-2.2, GC-S-CW-5.1, GC-S-CW-7.2, GC-S-CW-8.1, GC-S-CW-9.1

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*, 2006.”

Content: GC-S-CW-1.1, GC-S-CW-1.2

LIST J

Title: Strategic Action policies

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

Content: GC-S-NB-1.13, GC-S-NB-1.14

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: GC-S-NB-1.12, GC-S-NB-1.6

3.5 Appendix B: Prescribed Instruments and Policy Summary Tables

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)

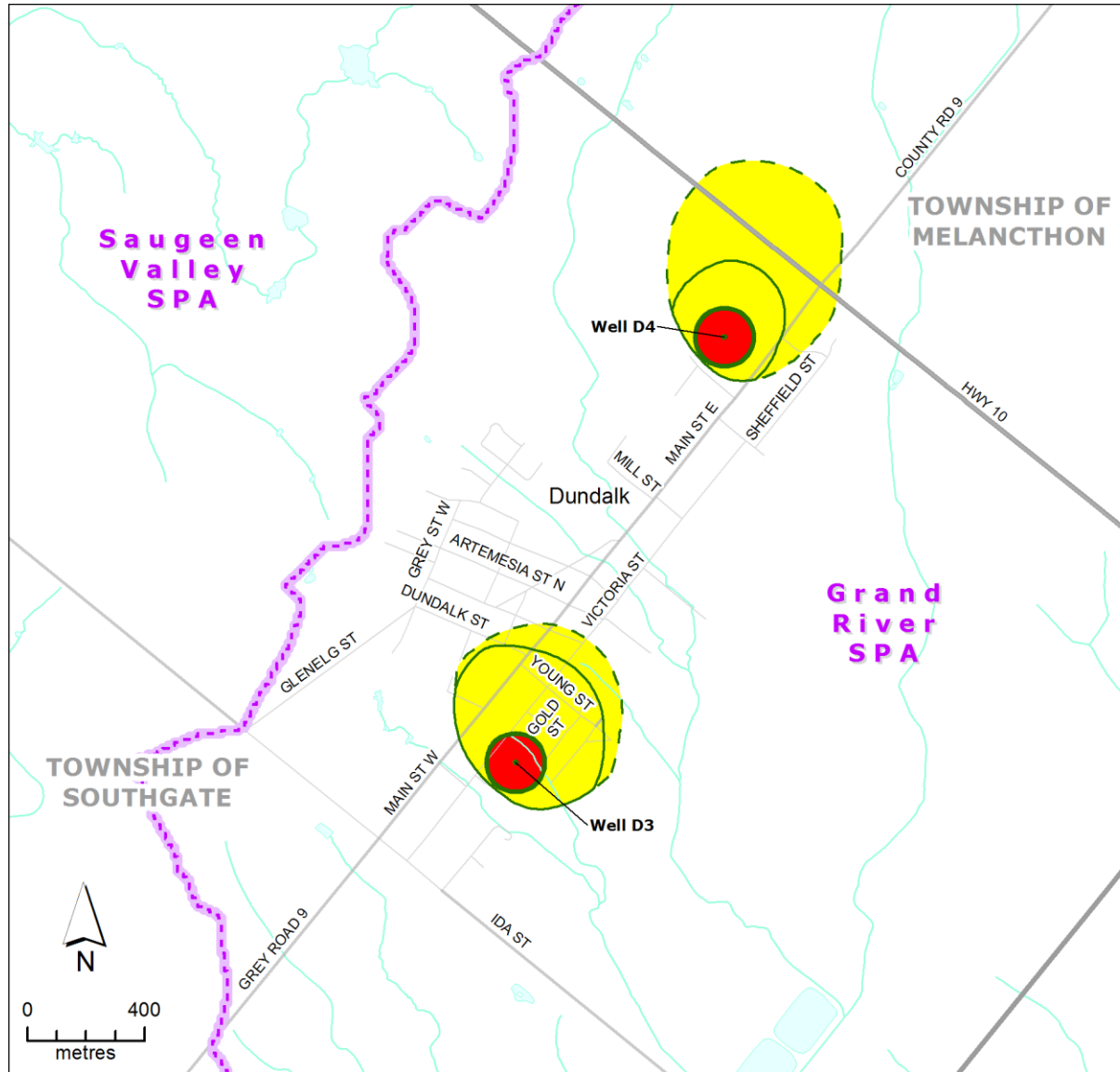
Policy #	Legal Effect (conform with, have regard to)	Environmental Protection Act	Nutrient Management Act	Ontario Water Resources Act
GC-S-CW-1.1	Comply With	X	X	X
GC-S-MC-2.1	Must Conform	X		X
GC-S-MC-2.3	Must Conform	X		X
GC-S-MC-3.3	Must Conform	X		X
GC-S-MC-3.4	Must Conform	X		X
GC-S-MC-3.5	Must Conform	X		X
GC-S-MC-4.1	Must Conform		X	

Table 2: Policy Summary Matrix

Policy ID#	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)
GC-S-CW-1.1	Comply With	X	X	X		X		
GC-S-CW-1.2	Comply With	X				X		
GC-S-MC-1.3	Must Conform	X						
GC-S-CW-1.4	Comply With			X				
GC-S-CW-1.5	Comply With			X				
GC-S-CW-1.6	Non-binding							X
GC-S-CW-1.7	Comply With				X			
GC-S-CW-1.8	Comply With				X			
GC-S-CW-1.9	Comply With				X			
GC-S-CW-1.10	Comply With				X			
GC-S-CW-1.11	Comply With				X			
GC-S-NB-1.12	Non-binding				X			X
GC-S-NB-1.13	Non-binding						X	
GC-S-NB-1.14	Non-binding						X	
GC-S-CW-1.15	Comply With	X		X				
GC-S-MC-2.1	Must Conform		X					
GC-S-CW-2.2	Comply With					X		
GC-S-MC-2.3	Must Conform		X					
GC-S-CW-2.4	Comply With					X		

Policy ID#	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)
GC-S-CW-3.1	Comply With			X				
GC-S-MC-3.2	Must Conform	X						
GC-S-MC-3.3	Must Conform		X					
GC-S-MC-3.4	Must Conform		X					
GC-S-MC-3.5	Must Conform		X					
GC-S-MC-4.1	Must Conform		X					
GC-S-CW-5.1	Comply With					X		
GC-S-CW-5.2	Comply With					X		
GC-S-CW-5.3	Comply With			X				
GC-S-CW-6.1	Comply With					X		
GC-S-CW-7.1	Comply With			X				
GC-S-CW-7.2	Comply With				X	X		
GC-S-CW-7.3	Comply With					X		
GC-S-CW-8.1	Comply With					X		
GC-S-CW-8.2	Comply With					X		
GC-S-CW-8.3	Comply With			X				
GC-S-CW-9.1	Comply With					X		
GC-S-CW-9.2	Comply With					X		

3.6 Schedule A: County of Grey, Township of Southgate: Dundalk Well Supply



Significant Drinking Water Threat Policy Applicability

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

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 the Non-GUDI Wellhead Protection Zones shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.
 *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 the plan for further details.

Well
 Road
 Minor River
 Lake / Main River
 Source Protection Area Boundary
 Municipal Boundary
Wellhead Protection Zones:
 WHPA-A
 WHPA-B
 WHPA-C



1. Updated November 19, 2014
 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 hereon 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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4.0 DUFFERIN COUNTY – TOWNSHIPS OF AMARANTH AND EAST GARAFRAXA

The following Source Protection Plan policies apply to the areas as presented in the following schedules within the County of Dufferin, Townships of Amaranth and East Garafraxa within the Grand River Watershed:

- Schedule A: Township of Amaranth: Waldemar Water Supply
- Schedule B: Township of East Garafraxa: Marsville Water Supply
- Schedule C: Township of Orangeville- Chloride Issue Contributing Area
- Schedule D: Township of Orangeville- Tier 3 Water Budget WHPA-Q1 & Q2
- Schedule E: Township of Orangeville- Well Supply

Further information on the Source Protection Plan policies which apply within the Townships' boundaries, but not within the Grand River Watershed is found in the CTC and South Georgian Bay Lake Simcoe (SGBLS) Source Protection Regions Source Protection Plans.

4.1 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 Townships of Amaranth and East Garafraxa Source Protection Policies.

Existing – means undertaken or established as of the date the Source Protection Plan takes effect. It includes any expansion of the activity only on the same parcel of land.

Future – means not existing, as defined herein

Townships – means the Corporations of the Townships of Amaranth and East Garafraxa.

4.2 Townships of Amaranth and East Garafraxa Source Protection Plan Policies

Policy Number	Source Protection Plan Policies within the Townships of Amaranth and East Garafraxa
Implementation Timing	
DC-AEG-CW-1.1 <i>Implementation & Timing</i>	<p>Except as set out below, the policies contained in this Source Protection Plan will take effect on the date set by the Minister.</p> <ol style="list-style-type: none"> a. For Section 57 of the <i>Clean Water Act, 2006</i> if an activity was engaged in at a particular location before 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; b. For Section 58 of the <i>Clean Water Act, 2006</i> if an activity was engaged in at a particular location before this Source Protection Plan took effect and the Risk Management Official gives notice to a person who is engaged in the activity at that location that, in the opinion of the Risk

Policy Number	Source Protection Plan Policies within the Townships of Amaranth and East Garafraxa
	<p>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 Source Protection Plan takes effect; d. Where the Source Protection Policies require the Townships to develop and implement education and outreach programs as the primary tool for managing or eliminating a particular significant threat such programs shall be developed and implemented within five (5) years from the date the Source Protection Plan comes into full force and effect; e. For Sections 43 of the <i>Clean Water Act</i>, 2006 if an activity was engaged in at a particular location before 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. f. For Section 40 and 42 of the <i>Clean Water Act</i>, 2006 the Official Plan and Zoning By-Laws 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 of the <i>Planning Act</i> and the Zoning By-law within two (2) years from the adoption of the Official Plan conformity amendment.
Uses and Areas Designated as Restricted Land Use Policies	
<p>DC-AEG-CW-1.2</p> <p style="text-align: center;"><i>Part IV- RLU</i></p>	<p>In accordance with Section 59 of the <i>Clean Water Act</i>, 2006 all land uses identified within the County Official Plan and/or Area Municipal Zoning By-Laws, <u>with the exception of residential uses other than proposed plans of subdivision or condominium</u>, that are located within an area where sections 57 and/or 58 of the <i>Clean Water Act</i>, 2006 applies <u>in Well Head Protection Areas (WHPA) A, B or C and where there is a significant drinking water threat</u>, are hereby designated for the purposes of section 59 (Restricted Land Uses). Within these designated land use categories and areas, a notice from the Risk Management Official in accordance with section 59(2) of the <i>Clean Water Act</i>, 2006 shall be required prior to approval of any <i>Planning Act</i> or Building Permit application.</p>
Official Plan and Zoning By-law Amendment(s) Policies	
<p>DC-AEG-MC-1.3</p> <p style="text-align: center;"><i>Future Land Use Planning</i></p>	<p>The Townships and County of Dufferin will amend their Official Plan, Zoning By-Laws and/or municipal planning documents, where applicable, to:</p> <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 and local threats identified in the Assessment Report would be significant; b. Indicate that within the areas identified, any use and associated activities as defined in municipal planning documents that are, or would be, a significant drinking water threat are required to conform with all applicable Source Protection Plan policies provided herein and, as such, may be restricted or otherwise regulated by those policies; c. Incorporate any other amendments required to conform to the threat specific land use policies identified in this Source Protection Plan.
Annual Reporting	

Policy Number	Source Protection Plan Policies within the Townships of Amaranth and East Garafraxa
DC-AEG-CW-1.4 <i>Monitoring</i>	The Townships and the County of Dufferin will provide a report to the Source Protection Authority, by February 1 st of each year, summarizing the actions taken to implement the Source Protection Plan Policies. The specific format and contents of this report will be determined by the Source Protection Authority, in consultation with the Townships and the County.
DC-AEG-CW-1.5 <i>Monitoring</i>	Where the Townships and the County of Dufferin are required to amend their Official Plan, Zoning By-law, and/or municipal planning documents and provide proof of compliance to the Source Protection Authority, they will do so within 30 days once the amendment(s) are in full force and effect.
DC-AEG-CW-1.6 <i>Monitoring</i>	Where the Source Protection Plan policies may result in amendments to Prescribed Instruments or the issuance of a new Prescribed Instrument, the applicable ministry shall provide a summary of any actions taken the previous year to implement the policies and provide a written report summarizing this information to the Source Protection Authority by February 1 st of each year.
DC-AEG-CW-1.7	Where the Source Protection Plan policies require a provincial ministry to deny an activity with a Prescribed Instrument, the applicable Ministry shall summarize the actions taken the previous year to implement the policies and provide a written report summarizing this information to the Source Protection Authority by February 1 st of each year.
DC-AEG-CW-1.8 <i>Monitoring</i>	Where the Townships are required to implement education and outreach programs as the primary means of managing the risk associated with significant drinking water threats, the Townships shall provide a report to the Source Protection Authority by February 1 st of each year. This report must indicate, at a minimum, the properties where these programs were implemented and additional details on measures implemented to ensure the significant drinking water threats cease to be or never become a significant drinking water threat.
DC-AEG-CW-1.9 <i>Monitoring</i>	The Risk Management Official shall provide a report to the Source Protection Authority, by February 1 st of each year, summarizing the actions taken to implement the Source Protection Policies, in accordance with the Part IV of the <i>Clean Water Act, 2006</i> and associated regulations.
Interpretation	
DC-AEG-CW-1.10 <i>Interpretation of Source Protection Plan</i>	<p>The Source Protection Plan provides policies to meet the objectives of the <i>Clean Water Act, 2006</i>. The Source Protection Plan consists of the written policy text and Schedules.</p> <ol style="list-style-type: none"> a. 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 Tables of Drinking Water Threats, <i>Clean Water Act, 2006</i>. b. 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 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.

Policy Number	Source Protection Plan Policies within the Townships of Amaranth and East Garafraxa
Local Threat: The Conveyance of Oil by way of Underground Pipelines	
DC-AEG-NB-1.11	To ensure this activity never becomes a significant drinking water threat, the conveyance of oil by way of underground pipeline within the meaning of O.Reg. 210/01 under the <i>Technical Standards and Safety Authority Act</i> or under the <i>National Energy Board Act</i> , the National Energy Board and Ontario Energy Board in their consideration of any pipelines within vulnerable areas where the activity would be a significant drinking water threat, are encouraged to ensure the applicant has complied with or included appropriate design standards and monitoring and maintenance practices, where applicable, to reduce the risk to drinking water sources.
<i>Future Specify Action</i> <i>WHPA-A v.10;</i> <i>WHPA-B v.10</i>	
<i>Monitoring</i>	The Source Protection Authority shall document in the annual report the number of new pipelines proposed within vulnerable areas.
Strategic Action	
Spill Prevention, Spill Contingency or Emergency Response Plans	
DC-AEG-NB-1.12	To ensure spill prevention plans, contingency plans, and emergency response plans are updated for the purpose of protecting drinking water sources with respect to spills that occur within a Wellhead Protection Area along highways, or railway lines,
<i>Future Specify Action</i> <i>WHPA-A v.10;</i> <i>WHPA-B v.10;</i> <i>WHPA-B v.8</i>	<ul style="list-style-type: none"> a. The County of Dufferin and Townships are requested to incorporate the location of Wellhead Protection Areas into their emergency response plans to protect drinking water sources when a spill occurs along highways or rail lines. b. The Ministry of the Environment is requested to provide mapping of the identified vulnerable areas to assist the Spills Action Centre in responding to reported spills along transportation corridors.
Transport Pathways	
DC-AEG-NB-1.13	To achieve the intent of the <i>Clean Water Act, 2006</i> that drinking water threats identified in the vicinity of a transport pathway are managed to reduce the risk to drinking water sources or do not become a significant threat and that a pathway ceases to endanger the source water of a municipal water supply, the Townships are requested to promote ongoing programs which encourage the decommissioning of abandoned wells as per O. Reg. 903 within all vulnerable areas where there is or would be a significant drinking water threat.
<i>Future Specify Action</i> <i>WHPA-A v.10;</i> <i>WHPA-B v.10;</i> <i>WHPA-B v.8;</i> <i>WHPA-C v.6</i>	
Provincial Ministry Review of Prescribed Instruments	
DC-AEG-NB-1.14	The Ministry of Environment, the Ministry of Agriculture, Food and Rural Affairs and the Ministry of Natural Resources, for Prescribed Instruments for significant drinking water threats within vulnerable areas, shall advise the Townships regarding applications under review and that the Townships be provided an opportunity to provide comments on these applications. The relevant Ministry shall have due regard to the comments submitted by the Townships.
<i>Existing/Future Prescribed Instruments</i>	

4.3 Policies Addressing Prescribed Drinking Water Threats

Policy Number	Source Protection Plan Policies within the Townships of Amaranth and East Garafraxa
Education and Outreach Programs	
<ol style="list-style-type: none"> 1. Establishment, Operation or Maintenance of a Waste Disposal Site, within the Meaning of Part V of the <i>Environmental Protection Act</i> 3. The application of agricultural source material to land 	

Policy Number	Source Protection Plan Policies within the Townships of Amaranth and East Garafraxa
<p>4. The storage of agricultural source material 8. The application of commercial fertilizer 9. The handling and storage of commercial fertilizer 10. The application of pesticide to land 11. The handling and storage of pesticide 21. The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard.</p> <p><i>Please refer to additional policies below, as applicable.</i></p>	
<p>DC-AEG-CW-2.1</p> <p><i>Existing/ Future Education & Outreach WHPA-A v.10; WHPA-B v.10; WHPA-B v.8</i></p> <p><i>Does not apply to application of commercial fertilizer in WHPA-A for Waldemar (Township of Amaranth) due to the percent managed land and livestock density calculation</i></p>	<p>To ensure the following existing and future activities cease to be or never become significant drinking water threats, the Townships in collaboration with the Grand River Conservation Authority, Source Protection Authorities, and Ontario Ministry of Agriculture, Food and Rural Affairs, where practical, will develop and implement education and outreach programs for the following activities:</p> <ol style="list-style-type: none"> a. Establishment, Operation or Maintenance of a Waste Disposal Site, within the Meaning of Part V of the <i>Environmental Protection Act</i> b. The application of agricultural source material to land c. The storage of agricultural source material d. The application of commercial fertilizer e. The handling and storage of commercial fertilizer f. The application of pesticide to land g. The handling and storage of pesticide h. The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard. <p>Such programs may include, but not necessarily be limited to, increasing awareness and understanding of drinking water threats and promotion of best management practices. The Education and Outreach program may consist of targeted mailings to specific property owners, inserts with current Township mailings, inclusion of Source Water Protection information in existing education and outreach programs and/or information available on the Townships’ websites.</p>
<p>Incentive Programs</p>	
<p>DC-AEG-NB-3.1</p> <p><i>Existing Incentive WHPA-A v.10; WHPA-B v.10;</i></p>	<p>To ensure existing significant drinking water threat activities cease to be a significant drinking water threat, the Grand River Conservation Authority, in consultation with the Townships, will deliver available cost share incentive programs as long as the Grand River Conservation Authority has such programs and outreach staff available, and work with affected land owners to implement best management practices for the following activities:</p> <ol style="list-style-type: none"> a. The application of agricultural source material to land b. The storage of agricultural source material c. The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard
<p>DC-AEG-NB-3.2</p> <p><i>Existing/ Future Incentive</i></p>	<p>To ensure existing and future significant drinking water threat activities cease to be or never become a significant drinking water threat, the Ministry of the Environment, shall be providing available cost share incentive programs for the implementation of the applicable Source Protection Plan policies.</p>
<p>1. Establishment, Operation or Maintenance of a Waste Disposal Site, within the Meaning of Part V of the <i>Environmental Protection Act</i></p>	
<p>DC-AEG-MC-4.1</p>	<p>To ensure the existing and future establishment, operation, or maintenance of a</p>

Policy Number	Source Protection Plan Policies within the Townships of Amaranth and East Garafraxa
<p><i>Existing/ Future Prescribed Instr.</i> WHPA-A v.10; WHPA-B v.10; WHPA-B v.8;</p>	<p>Waste Disposal Site within the meaning of Part V of the <i>Environmental Protection Act</i>, the exception of the application of untreated septage to land, ceases to be or never becomes a significant drinking water threat, where the activity is, or would be, a significant drinking water threat, the Ministry of the Environment shall review or prepare and, as necessary, amend Environmental Compliance Approvals to ensure that appropriate terms and conditions are incorporated that, when implemented, reduce the risk to drinking water sources.</p>
<p>DC-AEG-MC-4.2</p> <p><i>Existing/ Future Prescribed Instr.</i> WHPA-A v.10; WHPA-B v.10;</p>	<p>To ensure the existing and future application of untreated septage to land ceases to be or never becomes a significant drinking water threat, activities that are subject to an Environmental Compliance Approval within the meaning of the <i>Environmental Protection Act</i> where this activity is, or would be, a significant drinking water threat, the Ministry of the Environment shall prohibit this activity within the Environmental Compliance Approval process.</p>
<p>2. Establishment, Operation or Maintenance of a System That Collects, Stores, Transmits, Treats or Disposes of Sewage</p>	
<p>DC-AEG-MC-5.1</p> <p><i>Existing/ Future Prescribed Instr.</i> WHPA-A v.10; WHPA-B v.10; WHPA-B v.8; ICA (CHL)</p>	<p>To ensure the existing and future establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage ceases to be or never becomes a significant drinking water threat, where the activity is, or would be, a significant drinking water threat, the Ministry of the Environment will review and, as necessary, amend Environmental Compliance Approvals to ensure that appropriate terms and conditions are incorporated that, when implemented, reduce the risk to drinking water sources.</p>
<p>Sewage System or Sewage Works - Septic System and Septic System Holding Tanks</p>	
<p>DC-AEG-CW-5.2</p> <p><i>Existing/ Future Specify Action</i> WHPA-A v.10; WHPA-B v.10;</p>	<p>To ensure existing and future septic systems and holding tanks cease to be or never become significant drinking water threats, where these activities are, or would be, significant drinking water threats, the County of Dufferin will implement an on-site septic system maintenance inspection program, as required under the <i>Ontario Building Code Act</i>. Inspections should be prioritized based on the proximity to the drinking water supply.</p>
<p>DC-AEG-CW-5.3</p> <p><i>Future Specify Action</i> WHPA-A v.10; WHPA-B v.10;</p>	<p>To ensure future septic systems and holding tanks never become significant drinking water threats, where these activities would be, significant drinking water threats, and are governed under the <i>Building Code Act</i>, the creation of new lots requiring septic systems shall only be permitted if the Townships are satisfied that the current requirements have been met and confirmed that the lot size and site conditions are adequate to accommodate the system so it does not become a significant drinking water threat. The hydrogeological assessment to determine appropriate development density shall be conducted by a licensed professional.</p>
<p>DC-AEG-NB-5.4</p> <p><i>Future Specify Action</i> WHPA-A v.10; WHPA-B v.10;</p>	<p>To ensure future septic systems and holding tanks never become significant drinking water threats, where these activities would be significant drinking water threats, the Ministry of Environment should develop guidelines for managing drinking water threats from septic systems with subsurface disposal of effluent, as regulated by the <i>Ontario Water Resources Act</i> for distribution to developers, municipalities and other interested or affected parties.</p>
<p>DC-AEG-NB-5.5</p> <p><i>Future Education & Outreach</i></p>	<p>To ensure future septic systems and holding tanks never become significant drinking water threats, where these activities would be significant drinking water threats, the Ministry of Environment should develop and produce education and</p>

Policy Number	Source Protection Plan Policies within the Townships of Amaranth and East Garafraxa
<p>WHPA-A v.10; WHPA-B v.10;</p>	<p>outreach materials for delivery by local municipalities to landowners with septic systems governed under the <i>Building Code Act</i> within significant threat areas that explains the rationale for the maintenance inspection program and the benefits of regular maintenance and properly functioning septic systems.</p>
<p>4. The Storage of Agricultural Source Material</p>	
<p>DC-AEG-MC-6.1</p> <p>Existing/Future Prescribed Instr. WHPA-A v.10; WHPA-B v.10;</p>	<p>To ensure the existing and future storage of agricultural source material ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs shall ensure that all Nutrient Management Plans and/ or Strategies prepared under the <i>Nutrient Management Act</i> include, as appropriate, terms and conditions to reduce the risk to drinking water sources.</p>
<p>DC-AEG-MC-6.2</p> <p>Future Land Use Planning WHPA-A v.10; WHPA-B v.10;</p>	<p>To ensure the future storage of agricultural source material never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, the Townships and the County of Dufferin will include policies in their municipal planning documents including a refined definition of “agricultural uses” that would require any new storage facility to be designed in accordance with the standards outlined in the <i>Nutrient Management Act</i>.</p>
<p>9. The Handling and Storage of Commercial Fertilizer</p>	
<p>11. The Handling and Storage of Pesticides</p>	
<p>15. The Handling and Storage of Fuel</p>	
<p>DC-AEG-MC-7.1</p> <p>Future Land Use Planning WHPA-A v.10; WHPA-B v.10;</p>	<p>To ensure the following activities never become significant drinking water threats, where these activities would be significant drinking water threats, the Townships and the County of Dufferin will include policies in their municipal planning documents including a specific definition applicable to all zones in each Township Zoning By-law that would require any new development or storage facility to be designed and maintained using current best management practices:</p> <ol style="list-style-type: none"> a. The handling and storage of commercial fertilizer b. The handling and storage of pesticide c. The handling and storage of fuel
<p>DC-AEG-CW-7.2</p> <p>Existing/ Future Education & Outreach WHPA-A v.10; WHPA-B v.10</p>	<p>To ensure the existing and future storage of fuel equal to or less than 2,500 Litres, ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the Township will develop and implement an education and outreach program for homeowners with identified home fuel oil tanks outlining the requirements under the fuel oil code by the Technical Standards and Safety Authority and best management practices that could be implemented.</p>
<p>14. The Storage of Snow</p>	
<p>DC-AEG-CW-8.1</p> <p>Future Part IV- Prohibition WHPA-A v.10; WHPA-B v.10; ICA (CHL)</p>	<p>To ensure the future storage of snow never becomes a significant drinking water threat, where this activity would be a significant drinking water threat on municipal or provincial properties, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act</i>, 2006 and shall be prohibited.</p>
<p>DC-AEG-CW-8.2</p> <p>Existing/Future Part IV- RMP WHPA-A v.10;</p>	<p>To ensure the existing and future storage of snow ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat on commercial or industrial properties, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act</i>,</p>

Policy Number	Source Protection Plan Policies within the Townships of Amaranth and East Garafraxa
<p><i>WHPA-B v.10; ICA (CHL)</i></p>	<p>2006 and a Risk Management Plan shall be required.</p> <p>The Risk Management Plan shall include appropriate terms and conditions to ensure the storage of snow ceases to be a significant drinking water threat.</p>
<p>DC-AEG-MC-8.3</p> <p><i>Future Land Use Planning WHPA-A v.10; WHPA-B v.10; ICA (CHL)</i></p>	<p>To ensure the future storage of snow never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, the Townships and the County of Dufferin shall include policies in their municipal planning documents to ensure site plan approvals require any new storage facility to be designed and maintained using current best management practices.</p>
<p>12. The Application of Road Salt 13. The Handling and Storage of Road Salt</p>	
<p>DC-AEG-CW-9.1</p> <p><i>Existing/Future Part IV- RMP ICA (CHL)</i></p>	<p>To ensure the existing and future application of road salt ceases to be or never becomes a significant drinking water threat where this activity is, or would be, a significant drinking water threat, excluding a single family residence, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required. In the specific cases outlined below, the content shall be based upon, but not limited to, the following:</p> <ul style="list-style-type: none"> a. For un-assumed roads and private parking lots (excluding a single family residence), the Risk Management Plans shall include a goal to minimize salt usage through alternative measures, while maintaining public safety. b. For public roads, the Risk Management Plans shall include provisions for: <ul style="list-style-type: none"> i. the reduction of salt usage through Best Management Practices such as alternative de-icer materials (with lower sodium and chloride) and/or contemporary technology; and ii. the use of certified contractors for the application of road salt.
<p>DC-AEG-CW-9.2</p> <p><i>Existing/Future Education&Outreach ICA (CHL)</i></p>	<p>To ensure the existing and future application of road salt ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the Townships, in collaboration with the Conservation Authority, shall develop and implement an education and outreach program targeting those who apply road salt. The program will promote the importance of proper road salt application.</p>
<p>DC-AEG-CW-9.3</p> <p><i>Existing/Future Part IV- RMP ICA (CHL)</i></p>	<p>To ensure the existing and future handling and storage of road salt ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p>
<p>DC-AEG-NB-9.4</p> <p><i>Existing/Future Education & Outreach ICA (CHL)</i></p>	<p>To ensure the existing and future handling and storage of road salt ceases to be or never becomes a significant drinking water threat, where the activity is, or would be, a significant drinking water threat, the Ministry of Environment should develop and produce educational information targeted to all sectors, and locally distributed by the Townships to provide education and outreach to:</p> <ul style="list-style-type: none"> a. Residences and small businesses about the impact of salt on municipal drinking water and what they can do to reduce their use of salt; and

Policy Number	Source Protection Plan Policies within the Townships of Amaranth and East Garafraxa
	<p>b. Commercial and industrial sectors to address the importance of source protection planning and the impacts of road salt on drinking water sources, with the key message being responsible salt storage and application, and the use of contemporary technology.</p>
<p>DC-AEG-MC-9.5</p> <p><i>Future Land Use Planning ICA (CHL)</i></p>	<p>To ensure the future application of road salt never becomes a significant drinking water threat, where the activity would be a significant drinking water threat, the Townships and County of Dufferin are encouraged to require salt impact assessments as part of a complete application for development which includes new roads and parking lots.</p> <p>Such assessments should include but not be limited to mitigation measures regarding design of parking lots, roadways and sidewalks to minimize the need for repeat application of road salt such as reducing ponding in parking areas; directing stormwater discharge outside of vulnerable areas where possible; and provisions to hire certified contractors.</p>
<p>DC-AEG-CW-9.6</p> <p><i>Existing/Future Education & Outreach ICA (CHL)</i></p>	<p>To ensure the existing and future application, handling and storage of road salt on single family residence properties ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the Townships, in collaboration with the Conservation Authorities, where practical, will develop and implement an education and outreach program. Such a programs may include, but not necessarily be limited to, increasing awareness and understanding of drinking water threats and promotion of best management practices.</p> <p>The Education and Outreach program may consist of targeted mailings to specific property owners, inserts with current Township mailings, inclusion of Source Water Protection information in existing education and outreach programs and/or information available on the Townships' websites.</p>
<p>16. The handling and storage of a dense non-aqueous phase liquid 17. The handling and storage of an organic solvent</p>	
<p>DC-AEG-CW-10.1</p> <p><i>Existing Part IV- RMP WHPA-A v.10; WHPA-B v.10; WHPA-B v.8; WHPA-C v.2,4,6</i></p>	<p>To ensure the existing handling and storage of a dense non-aqueous phase liquid and/or an organic solvent, excluding by an individual for personal or family use, ceases to be a significant drinking water threat, where these activities are significant drinking water threats, the activity is designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan is required.</p>
<p>DC-AEG-CW-10.2</p> <p><i>Future Part IV- Prohibit WHPA-A v.10; WHPA-B v.10; WHPA-B v.8; WHPA-C v.2,4,6</i></p>	<p>To ensure any future handling and storage of dense non-aqueous phase liquid and/or an organic solvent, excluding by an individual for personal or family use, never becomes a significant drinking water threat, where these activities would be significant drinking water threats, these activities are designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and are therefore prohibited.</p>
<p>DC-AEG-CW-10.3</p> <p><i>Existing/Future Education & Outreach WHPA-A v.10; WHPA-B v.10;</i></p>	<p>To ensure the existing and future handling and storage of a dense non-aqueous phase liquid (DNAPLs) and/or an organic solvent cease to be or never become significant drinking water threats, where these activities are, or would be, significant drinking water threats, the Townships with the assistance of the Ministry of Environment should develop and produce an education and outreach</p>

Policy Number	Source Protection Plan Policies within the Townships of Amaranth and East Garafraxa
WHPA-B v.8; WHPA-C v.2,4,6	<p>program for municipal delivery targeted towards:</p> <ol style="list-style-type: none"> a. An individual for personal or family use to promote the use of non-toxic products and additional opportunities for participation in household hazardous waste disposal. b. Industrial and commercial users to promote the use of alternatives to DNAPLs (including non-toxic products), pollution prevention approaches, Best Management Practices, and safe disposal in industries.
18. The Management of Runoff that Contains Chemicals Used in De-icing of Aircraft	
DC-AEG-CW-11.1 <i>Future Specify Action</i> WHPA-A v.10; WHPA-B v.10;	To ensure the management of runoff that contains chemicals used in de-icing of aircraft never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, the Townships shall recommend through the review of submitted Environmental Assessments that industry best management practices be implemented for any future airports where there could be runoff containing de-icing chemicals.
6. The Application of Non-Agricultural Source Material (NASM)	
7. The Handling and Storage of Non-Agricultural Source Material (NASM)	
DC-AEG-MC-12.1 <i>Existing/Future Prescribed Instr.</i> WHPA-A v.10;	To ensure the existing and future application, handling, and storage of non-agricultural source material cease to be or never become significant drinking water threats, where these activities are, or would be, significant drinking water threats in Wellhead Protection Areas A with a vulnerability score of 10, the Ministry of Agriculture, Food and Rural Affairs, or Ministry of the Environment, as applicable, shall prohibit these activities within the applicable approval processes in accordance with the <i>Nutrient Management Act</i> or the <i>Environmental Protection Act</i> .
DC-AEG-MC-12.2 <i>Existing/Future Prescribed Instr.</i> WHPA-B v.10;	To ensure the existing and future application, handling, and storage of non-agricultural source material cease to be or never become significant drinking water threats, where these activities are, or would be, significant drinking water threats in Wellhead Protection Area B with a vulnerability score of 10, the Ministry of Agriculture, Food and Rural Affairs, or Ministry of the Environment, as applicable, shall review or prepare and, if necessary, amend, Non-Agricultural Source Material (NASM) Plans in accordance with the <i>Nutrient Management Act</i> , or Environmental Compliance Approvals in accordance with the <i>Environmental Protection Act</i> , to ensure that appropriate terms and conditions are incorporated, that when implemented, reduce the risk to drinking water sources.
19. An activity that takes water from an aquifer or a surface water body without returning the water taken to the same aquifer or surface water body.	
20. An activity that reduces the recharge of an aquifer.	
DC-AEG-CW-13.1 <i>Existing/Future Specify Action</i> WHPA-Q1 WHPA-Q2	To ensure the existing or future activity that takes water from an aquifer without returning the water to the same aquifer or that reduces the recharge of an aquifer ceases to be and/or never becomes a significant drinking water threat, where the activity is, or would be, a significant drinking water threat in WHPA-Q1 or WHPA-Q2, municipalities responsible for supplying water within WHPA-Q1 and WHPA-Q2 shall develop and/or update Water Conservation Plans to ensure they are an effective tool to support sustainable water use.
DC-AEG-MC-13.2	To ensure the existing or future activity that takes water from an aquifer without returning the water to the same aquifer ceases to be or never becomes a

Policy Number	Source Protection Plan Policies within the Townships of Amaranth and East Garafraxa
<p><i>Existing/Future Prescribed Instr. WHPA-Q1</i></p>	<p>significant drinking water threat, where the activity is or would be a significant drinking water threat in WHPA-Q1, the Ministry of the Environment shall ensure that the Permit to Take Water that governs the existing or future taking includes appropriate terms and conditions. The following shall be considered by the Ministry of the Environment:</p> <ol style="list-style-type: none"> a. Municipal water supply requirements will be met on a sustainable basis b. The water taking will not affect the ability of the aquifer to meet municipal water supply requirements; and c. The water taking will not adversely impact hydrological integrity.
<p><i>Future Land Use Planning WHPA-Q2</i></p>	<p>To ensure any future activity that reduces the recharge of an aquifer does not become a significant drinking water threat, where the activity would be a significant threat within WHPA-Q2 the municipality shall only permit new major developments or site alterations (excluding single detached residential) where an assessment of the impacts of the development on recharge can demonstrate to the satisfaction of the municipality that the water balance can maintain pre-development recharge to the greatest extent feasible through best management practices.</p>
<p><i>Existing/Future Research WHPA-Q2</i></p>	<p>To ensure any existing and future activity that reduces the recharge of an aquifer ceases to be or never becomes a significant drinking water threat, where the activity is or would be a significant threat within the WHPA-Q2 the Ministry of the Environment, in consultation with the Townships, is encouraged to undertake an evaluation and analysis to identify research opportunities to develop plans and take appropriate actions to promote recharge on industrial, commercial and institutional lands. This may include seeking partnerships for funding these research activities. If funding becomes available, future developments within the WHPA-Q2 may be subject to the findings of this research and monitored for effectiveness.</p>
<p><i>Existing/Future Specify Action WHPA-Q1 WHPA-Q2</i></p>	<p>To ensure any existing and future activity that takes water from an aquifer without returning the water to the same aquifer or that reduces the recharge of an aquifer ceases to be and/or never becomes a significant drinking water threat, where the activity is, or would be, a significant drinking water threat in WHPA-Q1 or WHPA-Q2, and where municipalities share a water source within a WHPA-Q1 or WHPA-Q2, the Ministry of the Environment, in collaboration with the Ministries of Infrastructure, Municipal Affairs and Housing, and Natural Resources, is encouraged to support municipal efforts that focus on finding collaborative and mutually beneficial solutions to address water servicing constraints.</p>
<p><i>Future Land Use Planning WHPA-Q2</i></p>	<p>To ensure any future activity that reduces the recharge of an aquifer ceases to be or never becomes a significant drinking water threat, where the activity is or would be a significant threat within WHPA-Q2, the County of Dufferin, in consultation with the lower tier municipalities, shall consider municipal water supply servicing constraints when approving settlement area expansions within WHPA-Q2.</p>
<p><i>Existing/Future Specify Action WHPA-Q1</i></p>	<p>To ensure the existing or future activity that takes water from an aquifer without returning the water to the same aquifer ceases to be or never becomes a significant drinking water threat, where the activity is or would be a significant drinking water threat in WHPA-Q1, the Ministry of the Environment should adopt</p>

Policy Number	Source Protection Plan Policies within the Townships of Amaranth and East Garafraxa
	<p>and fund the on-going maintenance of the Tier 3 numerical models, including:</p> <ul style="list-style-type: none"> a. Supporting environmental monitoring efforts to address data gaps and improve simulations of cumulative effects; and b. Incorporate new information as appropriate into the Tier 3 models to provide decision makers with a tool to make informed water management decisions.
<p>DC-AEG-CW-13.8</p> <p><i>Existing/Future Specify Action WHPA-Q2</i></p>	<p>To ensure any existing and future activity that reduces the recharge of an aquifer ceases to be or never becomes a significant drinking water threat, where the activity is or would be a significant threat within the WHPA-Q2, The County of Dufferin, should consider local water quantity availability when developing population and employment forecasts in municipalities that encompass the WHPA-Q2.</p>
<p>DC-AEG-CW-13.9</p> <p><i>Existing/Future Specify Action WHPA-Q1</i></p>	<p>To ensure any existing and future activity that takes water from an aquifer without returning the water to the same aquifer ceases to be and/or never becomes a significant drinking water threat, where the activity is, or would be, a significant drinking water threat in WHPA-Q1, and where municipalities share a water source within WHPA-Q1, the municipalities shall develop a Joint Municipal Water Supply Management model within three (3) years of the Source Protection Plan taking effect to facilitate the planning and management of water supply sources.</p>
<p>DC-AEG-CW-13.10</p> <p><i>Existing/Future Education & Outreach WHPA-Q1 WHPA-Q2</i></p>	<p>To ensure any existing and future activity that takes water from an aquifer without returning the water to the same aquifer or that reduces the recharge of an aquifer ceases to be and/or never becomes a significant drinking water threat, where the activity is, or would be, a significant drinking water threat in WHPA-Q1 or WHPA-Q2, the Townships, with support from the Grand River Conservation Authority, will develop and implement an education and outreach programs to make property owners and businesses aware of the following within ‡ WHPA-Q1 and WHPA-Q2:</p> <ul style="list-style-type: none"> a. The importance of protecting water supplies; b. Actions that should be taken to protect drinking water supplies; c. The importance of the creation of a water conservation plan to reduce water consumption; and d. The financial incentive programs and projects for which they could be eligible under future funding of the Ontario Drinking Water Stewardship Program.

4.4 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: DC-AEG-CW-1.1, DC-AEG-CW-1.2, DC-AEG-MC-1.3, DC-AEG-MC-6.2, DC-AEG-MC-7.1, DC-AEG-MC-8.3, DC-AEG-MC-9.5, DC-AEG-MC-13.3, DC-AEG-MC-13.6

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: DC-AEG-CW-1.1, DC-AEG-MC-4.1, DC-AEG-MC-4.2, DC-AEG-MC-5.1, DC-AEG-MC-6.1, DC-AEG-MC-12.1, DC-AEG-MC-12.2, DC-AEG-MC-13.2

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: DC-AEG-CW-1.1, DC-AEG-CW-1.10, DC-AEG-CW-2.1, DC-AEG-CW-5.2, DC-AEG-CW-5.3, DC-AEG-CW-7.2, DC-AEG-CW-9.2, DC-AEG-CW-9.6, DC-AEG-CW-10.3, DC-AEG-CW-11.1, DC-AEG-CW-13.1, DC-AEG-CW-13.8, DC-AEG-CW-13.9, DC-AEG-CW-13.10

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: DC-AEG-CW-1.4, DC-AEG-CW-1.5, DC-AEG-CW-1.6, DC-AEG-CW-1.7, DC-AEG-CW-1.8, DC-AEG-CW-1.9, DC-AEG-NB-1.11

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: DC-AEG-CW-1.1, DC-AEG-CW-8.1, DC-AEG-CW-10.2

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: DC-AEG-CW-1.1, DC-AEG-CW-8.2, DC-AEG-CW-9.1, DC-AEG-CW-9.3, DC-AEG-CW-10.1

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: DC-AEG-CW-1.1, DC-AEG-CW-1.2

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: DC-AEG-NB-1.12, DC-AEG-NB-1.13; DC-AEG-NB-1.14

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: DC-AEG-NB-1.11, DC-AEG-NB-3.1, DC-AEG-NB-3.2, DC-AEG-NB-5.4, DC-AEG-NB-5.5, DC-AEG-NB-9.4, DC-AEG-NB-13.4, DC-AEG-NB-13.5, DC-AEG-NB-13.7

4.5 Appendix B: Prescribed Instruments and Policy Summary Tables

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	Environmental Protection Act	Nutrient Management Act	Ontario Water Resources Act
DC-AEG-MC-4.1	Must conform	X		X
DC-AEG-MC-4.2	Must conform	X		X
DC-AEG-MC-5.1	Must conform	X		X
DC-AEG-MC-6.1	Must conform		X	
DC-AEG-MC-12.1	Must conform	X	X	
DC-AEG-MC-12.2	Must conform	X	X	
DC-AEG-MC-13.2	Must conform	X		

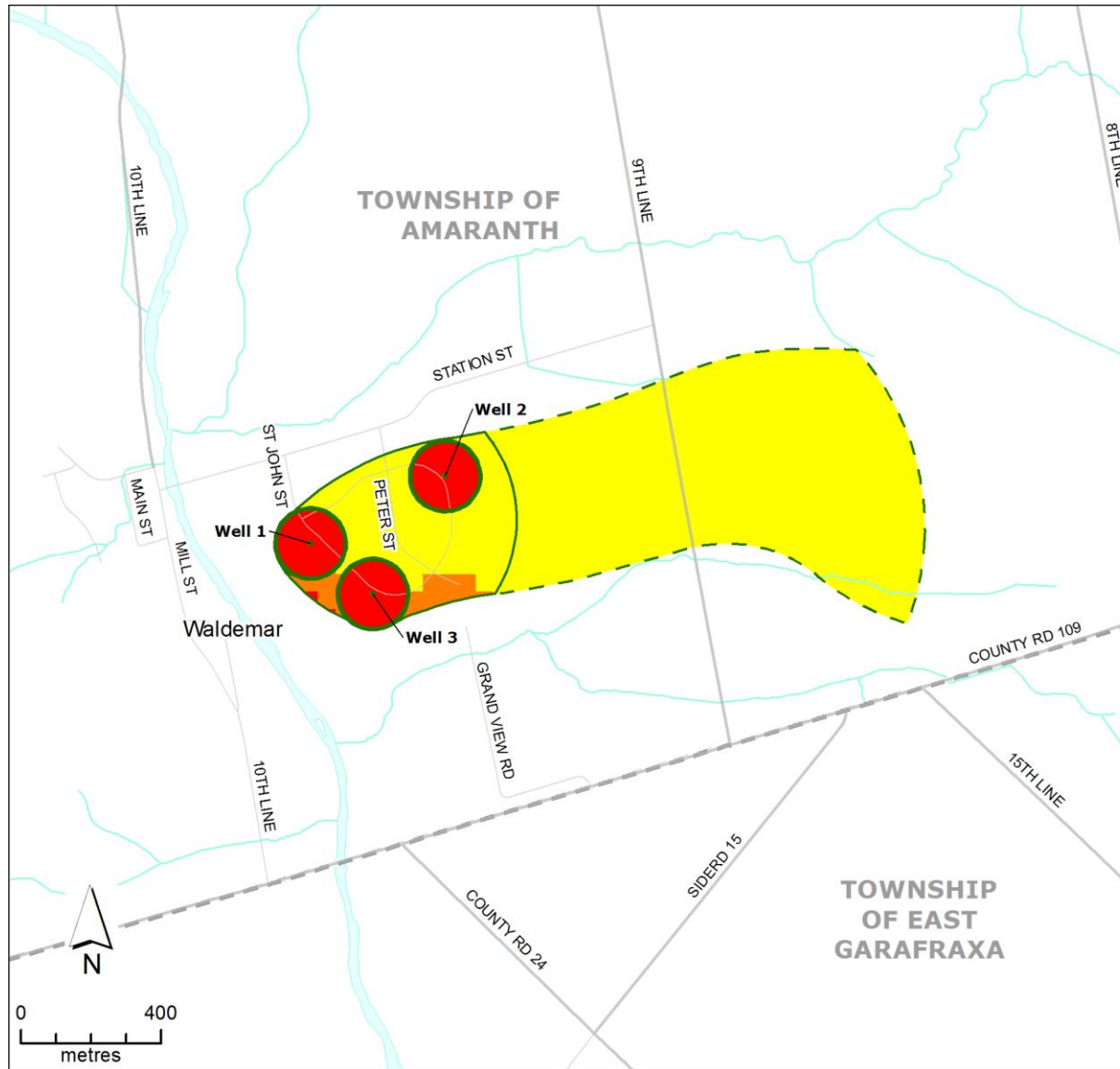
Table 2: Policy Summary Matrix

Policy ID#	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)
DC-AEG-CW-1.1	Comply with	X	X	X		X		
DC-AEG-CW-1.2	Comply with	X				X		
DC-AEG-MC-1.3	Must conform	X						
DC-AEG-MC-6.2	Must conform	X						
DC-AEG-MC-7.1	Must conform	X						
DC-AEG-MC-8.3	Must conform	X						
DC-AEG-MC-9.5	Must conform	X						
DC-AEG-MC-13.3	Must conform	X						
DC-AEG-MC-13.6	Must conform	X						
DC-AEG-MC-4.1	Must conform		X					
DC-AEG-MC-4.2	Must conform		X					
DC-AEG-MC-5.1	Must conform		X					
DC-AEG-MC-6.1	Must conform		X					
DC-AEG-MC-12.1	Must conform		X					
DC-AEG-MC-12.2	Must conform		X					
DC-AEG-MC-13.2	Must conform		X					

Policy ID#	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)
DC-AEG-CW-1.10	Comply with			X				
DC-AEG-CW-2.1	Comply with			X				
DC-AEG-CW-5.2	Comply with			X				
DC-AEG-CW-5.3	Comply with			X				
DC-AEG-CW-7.2	Comply with			X				
DC-AEG-CW-9.2	Comply with			X				
DC-AEG-CW-9.6	Comply with			X				
DC-AEG-CW-10.3	Comply with			X				
DC-AEG-CW-11.1	Comply with			X				
DC-AEG-CW-13.1	Comply with			X				
DC-AEG-CW-13.9	Comply with			X				
DC-AEG-CW-13.10	Comply with			X				
DC-AEG-CW-13.8	Comply with			X				
DC-AEG-CW-1.4	Comply with				X			
DC-AEG-CW-1.5	Comply with				X			
DC-AEG-CW-1.6	Comply with				X			
DC-AEG-CW-1.7	Comply with				X			
DC-AEG-CW-1.8	Comply with				X			
DC-AEG-CW-1.9	Comply with				X			
DC-AEG-NB-1.11	Non-binding				X			
DC-AEG-CW-8.1	Comply with					X		
DC-AEG-CW-10.2	Comply with					X		
DC-AEG-CW-8.2	Comply with					X		
DC-AEG-CW-9.1	Comply with					X		
DC-AEG-CW-9.3	Comply with					X		
DC-AEG-CW-10.1	Comply with					X		
DC-AEG-CW-1.2	Comply with					X		
DC-AEG-NB-1.12	Non-binding						X	
DC-AEG-NB-1.13	Non-binding						X	
DC-AEG-NB-1.14	Non-binding						X	
DC-AEG-NB-1.11	Non-binding							X
DC-AEG-NB-3.1	Non-binding							X
DC-AEG-NB-3.2	Non-binding							X
DC-AEG-NB-5.4	Non-binding							X
DC-AEG-NB-5.5	Non-binding							X

Policy ID#	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)
DC-AEG-NB-9.4	Non-binding							X
DC-AEG-NB-13.4	Non-binding							X
DC-AEG-NB-13.5	Non-binding							X
DC-AEG-NB-13.7	Non-binding							X

4.6 Schedule A: Dufferin County: Township of Amaranth, Waldemar Water Supply



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	█	█	
Local Threat 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 the Non-GUDI Wellhead Protection Zones shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.
 *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 the plan for further details.

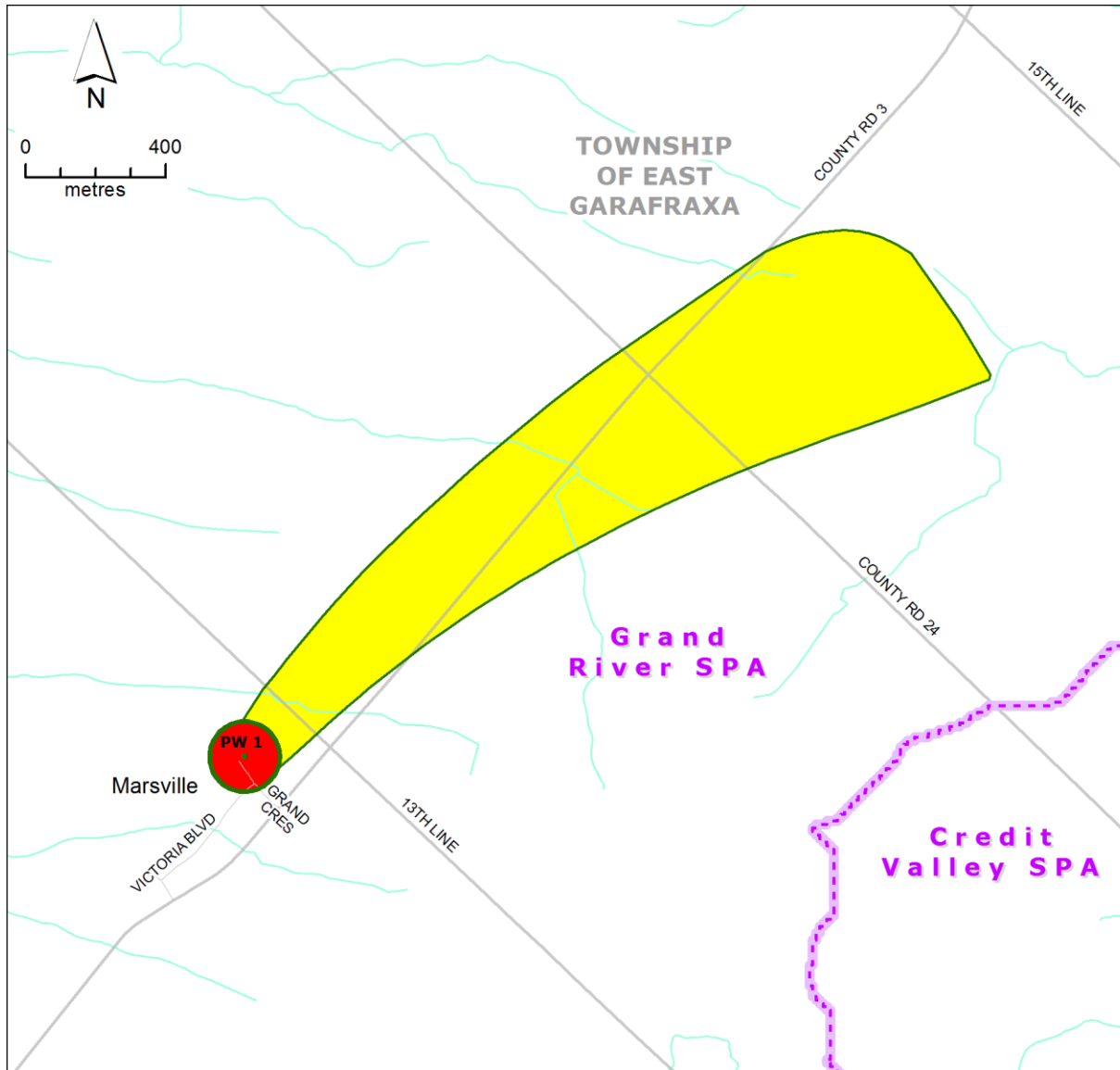
Wellhead Protection Zones:

- Well (Red circle)
- Road (Grey line)
- Minor River (Blue wavy line)
- Lake / Main River (Blue area)
- Municipal Boundary (Dashed grey line)
- WHPA-A (Green circle)
- WHPA-B (Light green circle)
- WHPA-C (Yellow circle)



1. Updated November 19, 2014
 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 hereon 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.

4.7 Schedule B: Dufferin County: Township of East Garafraxa, Marsville Well Supply



Significant Drinking Water Threat Policy Applicability

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

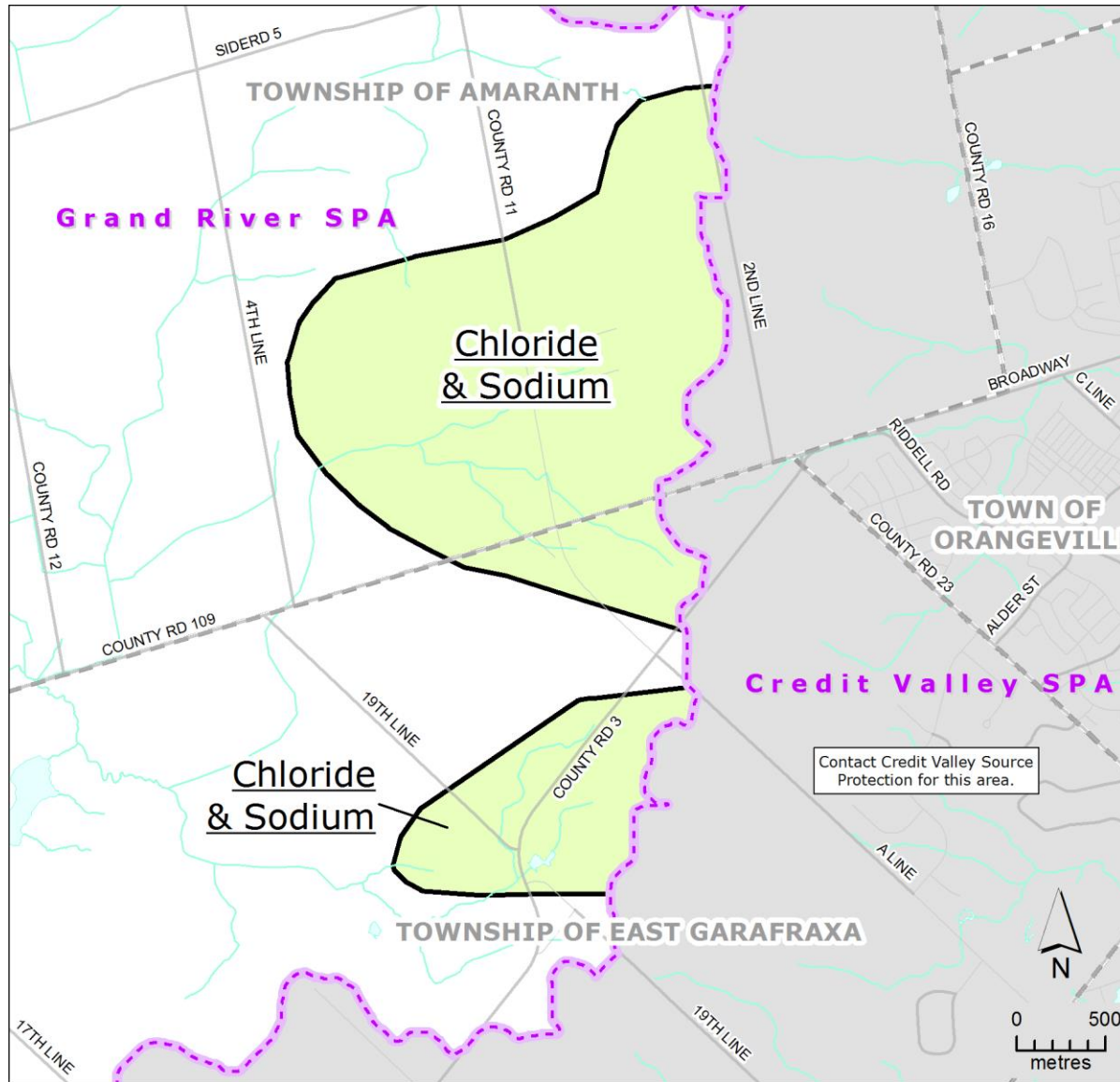
Note: This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) within the Non-GUDI Wellhead Protection Zones shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.
 *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 the plan for further details.

Well
 Road
 Minor River
 Lake / Main River
 Source Protection Area Boundary
Wellhead Protection Zones:
 WHPA-A
 WHPA-B



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4.8 Schedule C: Dufferin County: Orangeville Well Supply, Issue Contributing Area



Significant Drinking Water Threat Policy Applicability

Significant Drinking Water Threat Policy Categories	Identified Issue			
	Chloride	Nitrate	Sodium	TCE
1. Waste Disposal		✓	✓	✓
2. Sewage Systems	✓		✓	✓
3, 4. Agricultural Source Material		✓		
6, 7. Non-Agricultural Source Material		✓		
8, 9. Commercial Fertilizer		✓		
12, 13. Road Salt	✓		✓	
14. Storage of Snow	✓	✓	✓	
16. DNAPLs				✓
21. Livestock Area		✓		

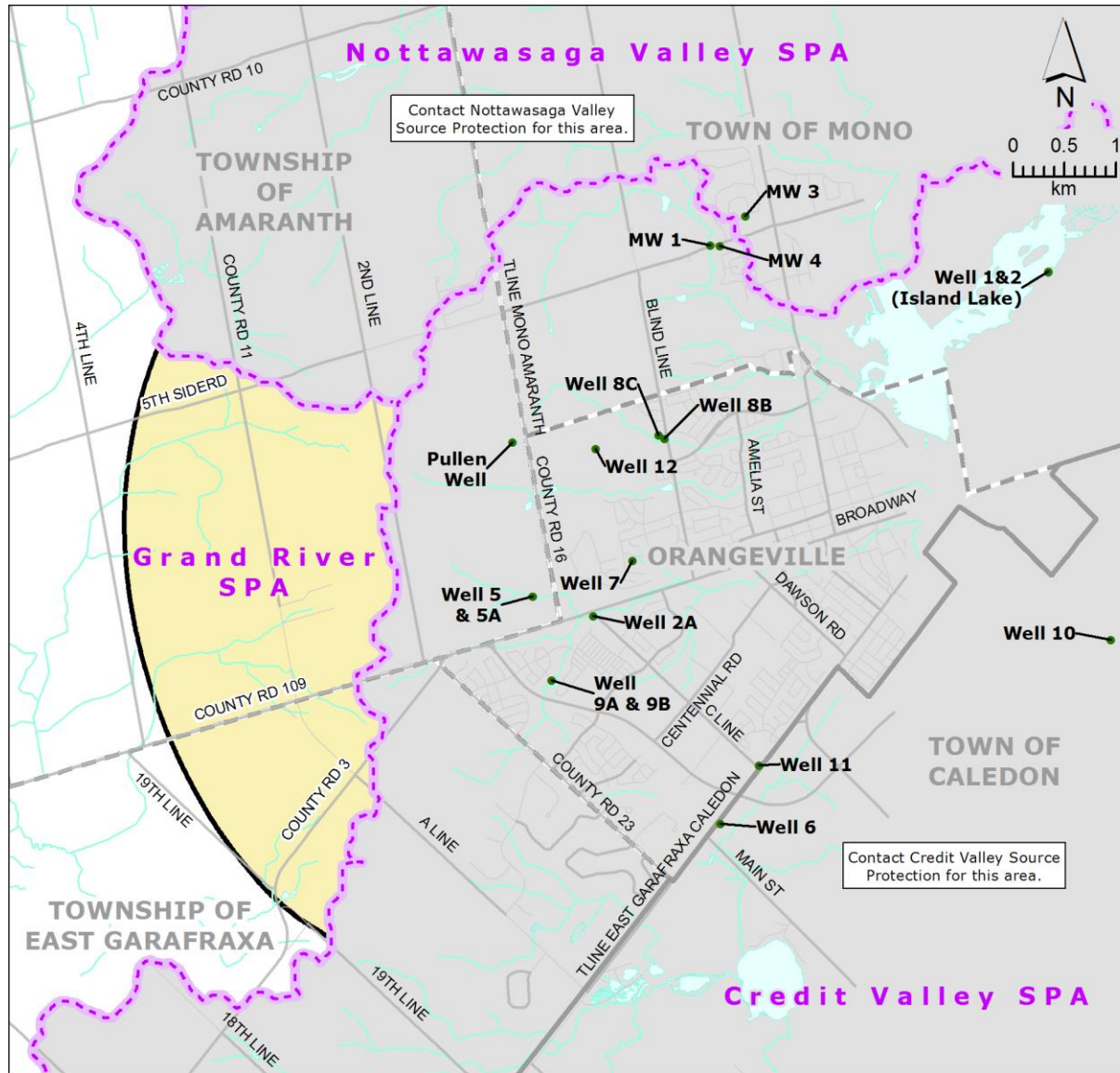
Note: This table provides a summary of the activities listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) in the Issue Contributing Area(s) shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.

Road	Municipal Boundary
Minor Rivers	Issue Contributing Area
Lakes / Main Rivers	Issue Associated Issue Parameter
Source Protection Area Boundary	



1. Updated November 21, 2014
 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.

4.9 Schedule D: Dufferin County: Orangeville Well Supply WHPA-Q1 & Q2



Significant Drinking Water Threat Policy Applicability

Significant Drinking Water Threat Policy Categories
19. An activity that takes water from an aquifer or a surface water body without returning the water taken to the same aquifer or surface water body.
20. An activity that reduces the recharge of an aquifer.

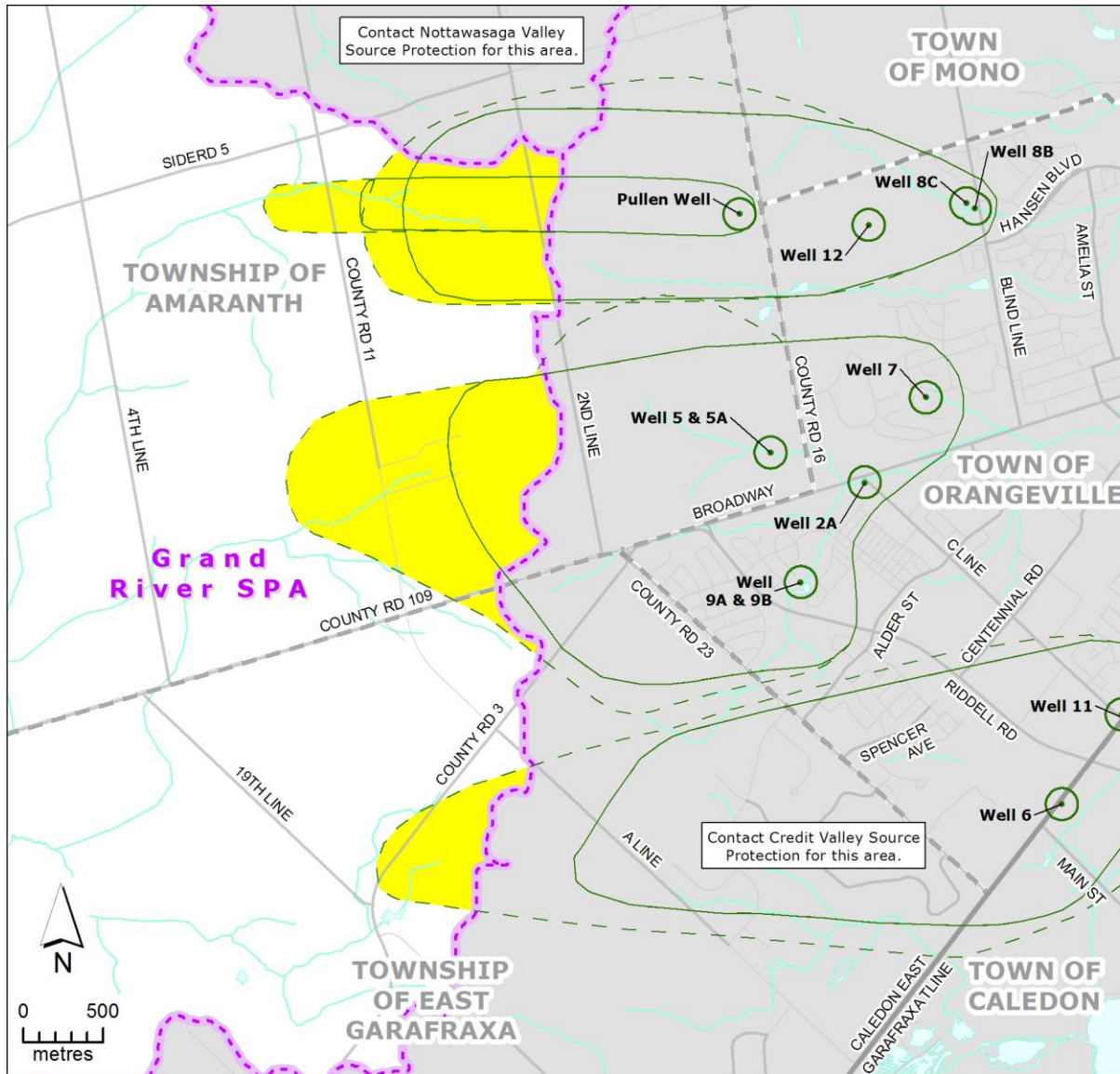
Note: The above activity categories are those listed in the Clean Water Act (2006) that apply as Prescribed Drinking Water Threats (PDWT) in the WHPA-Q1/Q2 areas shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.

Well	Municipal Boundary
Minor Rivers	Source Protection Area Boundary
Lakes / Main Rivers	WHPA-Q1 & -Q2
Dufferin County Boundary	



1. Updated November 21, 2014
2. Larger scale mapping of some map layers, including roads and vulnerability scores, is available at www.sourcewater.ca.
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4.10 Schedule E: Dufferin County: Orangeville Well Supply



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	■		
Local Oil Pipelines Threat	■		

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 the Non-GUDI Wellhead Protection Zones shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.
 *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 the plan for further details.

Well
 Road
 Minor River
 Lake / Main River
 Dufferin County Boundary
 Lower Tier
 Municipal Boundary
 Source Protection Area Boundary
Wellhead Protection Zones:
 WHPA-A
 WHPA-B
 WHPA-C



- Updated November 25, 2014
- Larger scale mapping of some map layers, including roads and vulnerability scores, is available at www.sourcewater.ca.
- This map is for illustrative purposes only. Information contained hereon 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.

5.0 DUFFERIN COUNTY – TOWNSHIP OF GRAND VALLEY

The following Dufferin County, Town of Grand Valley (formally the Township of East Luther Grand Valley) Source Protection Plan policies apply to the Grand Valley water supply system as presented in Schedule A.

5.1 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 Town of Grand Valley Source Protection Policies.

Existing – means:

- a. A use, activity, building or structure at a location in a vulnerable area that is in compliance with all applicable regulations on the effective date of this Source Protection Plan, or at some point prior to the effective date of the Source Protection Plan with a demonstrated intent to continue; or
- b. An expansion of an existing use or activity, which may include a new building or structure to service the existing use or activity; or
- c. The expansion, replacement or alteration of an existing building or structure associated with a significant drinking water threat; or
- d. The conversion of an existing use to a similar use.

New or Future – means not existing, as defined herein.

Township – means the Corporation of the Town of Grand Valley.

5.2 Township of Grand Valley Source Protection Plan Policies

Policy Number	Source Protection Plan Policies within the Town of Grand Valley
Implementation and Timing	
DC-GV-CW-1.1 <i>Implement. & Timing</i>	Except as set out below, the policies contained in this Source Protection Plan shall take effect on the date set by the Minister. <ul style="list-style-type: none"> a. For Section 57 of the <i>Clean Water Act, 2006</i>, if an activity was engaged in at a particular location before 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; b. For Section 58 of the <i>Clean Water Act, 2006</i>, if an activity was engaged in at a particular location before this Source Protection Plan took effect and the Risk Management Official gives notice to a person who is 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;

Policy Number	Source Protection Plan Policies within the Town of Grand Valley
	<ul style="list-style-type: none"> c. For Section 59 of the <i>Clean Water Act, 2006</i>, policies regarding restricted land uses shall take effect the same day the Source Protection Plan takes effect; d. Where the Source Protection Policies require the Town to develop and implement education and outreach programs as the primary tool for managing or eliminating a particular significant threat and where they are deemed necessary and/or appropriate by the Town and subject to available funding, such programs shall be developed and implemented within five (5) years from the date the Source Protection Plan takes effect; e. For Sections 43 of the <i>Clean Water Act, 2006</i>, if an activity was engaged in at a particular location before 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. f. For Section 40 and 42 of the <i>Clean Water Act, 2006</i>, the Official Plan and Zoning By-Laws 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 Source Protection Plan takes effect.
Uses and Areas Designated as Restricted Land Use	
<p>DC-GV-CW-1.2</p> <p><i>Part IV-RLU</i></p>	<p>In accordance with Section 59 of the <i>Clean Water Act, 2006</i>, all land uses, except solely residential uses, where significant drinking water threat activities have been designated for the purposes of Section 57 and 58 of the <i>Clean Water Act, 2006</i> are hereby designated as Restricted Land Uses and a written notice from the Risk Management Official is required prior to approval of any Building Permit, <i>Planning Act</i> or <i>Condominium Act</i> application.</p> <p>Despite the above policy, a site specific proposed land use that is the subject of an application for an approval under the <i>Planning Act</i> (as prescribed in O. Reg. 287/07 Section 62), or for a permit under the <i>Building Code Act</i>, is not designated for the purpose of Section 59 if the applicant can demonstrate to the satisfaction of the planning authority or the building official, as the case may be, that a significant drinking water threat activity designated for the purposes of Section 57 or 58 will not be engaged in.</p>
Official Plan and Zoning By-law Amendment(s) Policies	
<p>DC-GV-MC-1.3</p> <p><i>Future Land Use Planning</i></p>	<p>The Town and County of Dufferin, where applicable, shall amend their Official Plan and/or Zoning By-Laws to:</p> <ul style="list-style-type: none"> a. Identify the vulnerable areas in which drinking water threats prescribed under the <i>Clean Water Act, 2006</i> 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; and 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	
<p>DC-GV-CW-1.4</p> <p><i>Existing/ Future Education & Outreach</i></p>	<p>The Town, in collaboration with Conservation Authorities and other bodies where possible, may develop and implement education and outreach programs directed at any, or all, significant drinking water threats prescribed under the <i>Clean Water Act, 2006</i>, where such programs are deemed necessary and/or appropriate by the</p>

Policy Number	Source Protection Plan Policies within the Town of Grand Valley
	Town and subject to available funding. Such programs may include, but not necessarily be limited to, increasing awareness and understanding of significant drinking water threats and promotion of best management practices.
Incentive Programs	
DC-GV-CW-1.5 <i>Existing/ Future Incentive</i>	The Town, in collaboration with other bodies and levels of government where possible, may develop and implement incentive programs directed at various significant threat activities prescribed under the <i>Clean Water Act, 2006</i> , where such programs are deemed necessary and/or appropriate by the Town, subject to available funding.
DC-GV-NB-1.6 <i>Existing/ Future Incentive</i>	The Ministry of Environment and other provincial ministries shall consider providing continued funding and support to protect existing and future drinking water sources and address significant drinking water threats, under the Ontario Drinking Water Stewardship Program.
DC-GV-NB-1.7 <i>Existing Incentive</i>	To reduce the risks to drinking water from an existing activity, the Grand River Conservation Authority, in consultation with the Town and/or County, will deliver available cost share incentive programs as long as the Grand River Conservation Authority has such programs and outreach staff available, and work with affected land owners to implement best management practices for the following activities: <ul style="list-style-type: none"> a. The application of agricultural source material to land; b. The storage of agricultural source material; and c. The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard.
Annual Reporting	
DC-GV-CW-1.8 <i>Monitoring</i>	The Town shall provide a report to the Source Protection Authority, by February 1 st of each year, summarizing the actions taken to implement the Source Protection Plan Policies.
DC-GV-CW-1.9 <i>Monitoring</i>	Where the Town and County of Dufferin is required to amend their Official Plan and/or Zoning By-law and provide proof of compliance to the Source Protection Authority, they shall do so within 30 days of final approval of the amendment(s) or, where the matter has been appealed to the Ontario Municipal Board, the date of their decision to approve.
DC-GV-CW-1.10 <i>Monitoring</i>	The Risk Management Official shall provide a report to the Source Protection Authority, by February 1 st of each year, summarizing the actions taken by the Risk Management Official to implement the Source Protection Policies, in accordance with the <i>Clean Water Act, 2006</i> and associated regulations.
DC-GV-CW-1.11 <i>Monitoring</i>	Where the Source Protection Plan policies require a provincial ministry to amend a Prescribed Instrument or the issuance of a new Prescribed Instrument, the applicable Ministry shall provide a summary of the actions taken the previous year to implement the policies and provide a written report summarizing this information to the Source Protection Authority by February 1 st of each year.
DC-GV-CW-1.12 <i>Monitoring</i>	Where the Source Protection Plan policies require a provincial ministry to deny a activity with 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 1 st of each year.

Policy Number	Source Protection Plan Policies within the Town of Grand Valley
Local Threat: The Conveyance of Oil by way of Underground Pipelines	
DC-GV-NB-1.13 <i>Future Specify Action WHPA-A-v.10 WHPA-B-v.10</i>	To reduce the risks to drinking water due to the conveyance of oil by way of underground pipeline within the meaning of O. Reg. 210/01 under the <i>Technical Safety and Standards Act</i> or is subject to the <i>National Energy Board Act</i> , where the activity would be a significant drinking water threat, the pipeline proponent, the National Energy Board, and Ontario Energy Board, are encouraged to provide the Source Protection Authority and the Town the location of any new proposed pipeline within the Town and/or Source Protection Area. The Source Protection Authority shall document in the annual report the number of new pipelines proposed within vulnerable areas if a pipeline has been proposed and/or an application has been received.
<i>Monitoring</i>	
Conditions	
DC-GV-MC-1.14 <i>Existing Prescribed Instr. WHPA-A-v.10 WHPA-B ≥ 8 Condition Sites Identified</i>	To address conditions resulting from past activities that are significant drinking water threats, the Ministry of the Environment shall: <ul style="list-style-type: none"> a. Ensure that all Prescribed Instruments issued for Condition sites include terms and conditions, as appropriate, to ensure that the risk to drinking water sources is managed. Appropriate conditions may include requirements for source control, remediation to provincial standards, monitoring and Contaminant Management Plans; b. Ensure that Prescribed Instruments include a condition requiring the instrument holder to report on the actions taken and the status of the site to the Ministry of Environment, Source Protection Authority and the municipality on an annual basis; and c. Provide to the Town of Grand Valley a copy of the new or revised Prescribed Instrument.
DC-GV-CW-1.15 <i>Existing Specify Action Education & Outreach Condition Sites Identified</i>	To address Conditions resulting from past activities that are significant drinking water threats, the Town shall: <ul style="list-style-type: none"> a. Continue to support environmental investigation, remediation and redevelopment; and b. Implement an education program on drinking water issues associated with contaminated sites including the protection of drinking water sources and the use of the Record of Site Condition process as a best management practice to address condition sites.
Strategic Action	
Spill Prevention, Spill Contingency or Emergency Response Plans	
DC-GV-NB-1.16 <i>Future Specify Action</i>	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, the Town, County of Dufferin, and the Ministry of the Environment are encouraged to incorporate the Wellhead Protection Area mapping into their Emergency Response Plan and Spills Action Centre mapping, respectively.
Transport Pathways	
DC-GV-NB-1.17 <i>Existing/Future Specify Action</i>	The Town is requested to support ongoing programs, which encourage the decommissioning of abandoned wells as per O. Reg. 903, within all vulnerable areas where there is or would be a significant drinking water threat.
Interpretation	
DC-GV-CW-1.18	The Source Protection Plan provides policies to meet the objectives of the <i>Clean</i>

Policy Number	Source Protection Plan Policies within the Town of Grand Valley
<i>Interpretation of Source Protection Plan</i>	<p><i>Water Act, 2006.</i> 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 Tables of Drinking Water Threats, <i>Clean Water Act, 2006</i>. 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 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.

5.3 Policies Addressing Prescribed Drinking Water Threats

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the Town of Grand Valley
1. Establishment, Operation or Maintenance of a Waste Disposal Site, within the Meaning of Part V of the <i>Environmental Protection Act</i>	
DC-GV-MC-2.1 <i>Existing Prescribed Instr. WHPA ≥ 8</i>	To ensure any existing waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> that is subject to an Environmental Compliance Approval ceases to be a significant drinking water threat, where such an activity is a significant drinking water threat, the Ministry of the Environment shall review and, if necessary, amend Environmental Compliance Approvals to ensure that appropriate terms and conditions are incorporated that, when implemented, ensure that the waste disposal site is managed to reduce the risk to drinking water sources.
DC-GV-CW-2.2 <i>Existing Part IV-RMP WHPA ≥ 8</i>	To ensure any existing waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> which does not require an Environmental Compliance Approval, ceases to be a significant drinking water threat, where such an activity is a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
DC-GV-MC-2.3 <i>Future Prescribed Instr. WHPA ≥ 8</i>	To ensure the establishment, operation or maintenance of a new waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> that is subject to an Environmental Compliance Approval never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the Ministry of the Environment shall prohibit these activities within the Environmental Compliance Approvals process.
DC-GV-CW-2.4 <i>a) Future Part IV-Prohibit WHPA-A-v. 10</i> <i>b) Future Part IV- RMP WHPA-B ≥ 8 WHPA-C ≥ 8</i>	To ensure the establishment, operation or maintenance of a new waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> which does not require an Environmental Compliance Approval, never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, <ol style="list-style-type: none"> The storage of waste shall be designated for the purpose of Section 57 within a WHPA-A and shall be prohibited. This activity shall be designated for the purpose of Section 58 within a

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the Town of Grand Valley
	WHPA-B or C and a Risk Management Plan shall be required.
2. Establishment, Operation or Maintenance of a System That Collects, Stores, Transmits, Treats or Disposes of Sewage	
Sewage System or Sewage Works - Septic System and Septic System Holding Tanks	
DC-GV-CW-3.1 <i>Existing/Future Specify Action WHPA-A-v.10 WHPA-B-v.10</i>	To ensure any existing or new septic 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> ceases to be or never becomes a significant drinking water threat, where such an activity is, or would be, a significant drinking water threat, the County of Dufferin shall implement an on-site septic system maintenance inspection program. Inspections should be prioritized based on the proximity to the drinking water supply.
DC-GV-MC-3.2 <i>Existing/Future Prescribed Instr. WHPA-A-v.10 WHPA-B-v.10</i>	<p>To ensure any existing or new septic system with a design flow of greater than 10,000 Litres per day and regulated under the <i>Ontario Water Resources Act</i> ceases to be or never becomes a significant drinking water threat, where such an activity is, or would be, a significant drinking water threat, the Ministry of the Environment shall review or prepare and, if necessary, amend Environmental Compliance Approvals to incorporate terms and conditions that, when implemented, ensure that these septic systems are managed to reduce the risk to municipal drinking water sources.</p> <p>The terms and conditions may include, as appropriate, requirements for the proponent/applicant to undertake mandatory monitoring of groundwater impacts, contingencies in the event that drinking water quality is adversely affected, regular and ongoing compliance monitoring, mandatory system inspections at least every five (5) years, and upgrading of these septic systems to current standards, if necessary. In addition, the terms and conditions may include the proponent/applicant to provide annual reporting to the Source Protection Authority and County of any monitoring and inspection programs required and their results.</p>
Sewage System or Sewage Works - Storage of Sewage (e.g., treatment plant tanks)	
Sewage System or Sewage Works- Sewage Treatment Plant Effluent Discharges	
DC-GV-MC-3.3 <i>Existing/Future Prescribed Instr. WHPA-A-v.10 WHPA-B-v.10 WHPA-B-v.8</i>	To ensure any existing or new sewage treatment plant with effluent discharge or storage of sewage ceases to be or never becomes a significant drinking water threat, where such activities are, or would be, a significant drinking water threat, the Ministry of the Environment shall prohibit these activities within the Environmental Compliance Approvals process.
Sewage System or Sewage Works - Sanitary Sewers and Related Pipes	
Sewage System or Sewage Works - Discharge of Stormwater from a Stormwater Management Facility	
DC-GV-MC-3.4 <i>Existing/Future Prescribed Instr. WHPA-A-v.10 WHPA-B-v.10</i>	To ensure any existing or new sanitary sewer and related pipes and discharge of stormwater from a stormwater management facility cease to be or never become significant drinking water threats, where such activities are, or would be, significant drinking water threats, the Ministry of the Environment shall review or prepare and, if necessary, amend Environmental Compliance Approvals to ensure that appropriate terms and conditions are incorporated that, when implemented, will reduce the risk to drinking water. The terms and conditions may include requirements for the proponent/applicant to undertake regular maintenance and inspections.
3. The Application of Agricultural Source Material to Land	
DC-GV-CW-4.1	To ensure:

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the Town of Grand Valley
<p>a) Existing Part IV-RMP WHPA-A-v.10 WHPA-B-v.10</p> <p>b) Future Part IV-RMP WHPA-A-v.10 WHPA-B-v.10</p>	<p>a. The existing application of agricultural source material to land within a Wellhead Protection Area (WHPA) A or B with a vulnerability equal to ten (10); and</p> <p>b. The future application of agricultural source material to land within a Wellhead Protection Area (WHPA) B with a vulnerability equal to ten (10), ceases to be or never becomes a significant drinking water threat, where such an activity is, or would be, a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p> <p>Where such drinking water threat activities have been identified and confirmed, the Risk Management Official shall establish a Risk Management Plan with the persons undertaking the application of agricultural source material to land. The requirements of the Risk Management Plan will generally be based on the requirements of a nutrient management plan and/or strategy under the <i>Nutrient Management Act</i>, but may also include any modifications or additional requirements deemed necessary or appropriate by the Risk Management Official.</p>
<p>DC-GV-CW-4.</p> <p>Future Part IV-Prohibit WHPA-A-v.10</p>	<p>To ensure the future application of agricultural source material to land within a Wellhead Protection Area (WHPA) A never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the application of agricultural source material shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.</p>
<p>4. The Storage of Agricultural Source Material</p> <p>6. The Application of Non-Agricultural Source Material (NASM)</p> <p>7. The Handling and Storage of Non-Agricultural Source Material (NASM)</p> <p>8. The Application of Commercial Fertilizer to Land</p> <p>9. The Handling and Storage of Commercial Fertilizer</p> <p>10. The Application of Pesticides to Land</p> <p>11. The Handling and Storage of Pesticides</p> <p>21. The use of land as livestock grazing, or pasturing land, an outdoor confinement area or farm animal yard</p>	
<p>DC-GV-CW-5.1</p> <p>Existing/Future Part IV-Prohibit WHPA-A-v.10 WHPA-B-v.10</p> <p>For application of NASM only applies to NASM containing material from a meat plant or sewage works</p>	<p>To ensure the:</p> <ol style="list-style-type: none"> Existing and future storage of agricultural source material; Existing and future application of non-agricultural source material to land; Existing and future handling and storage of non-agricultural source material; Future handling and storage of commercial fertilizer; and Future handling and storage of pesticides <p>cease to be or never become a significant drinking water threat, where such activities are or would be significant drinking water threats, these activities shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.</p>
<p>DC-GV-CW-5.2</p> <p>Existing/Future Part IV-RMP WHPA-A-v.10 WHPA-B-v.10</p> <p>Does not apply to</p>	<p>To ensure the:</p> <ol style="list-style-type: none"> Existing and future application of commercial fertilizer to land; Existing and future application of pesticides to land; Existing handling and storage of commercial fertilizer; Existing handling and storage of pesticides; and Existing or future use of land as livestock grazing, or pasturing land, an outdoor confinement area or farm animal yard

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the Town of Grand Valley
<p><i>application of commercial fertilizer due to the percent managed land and livestock density calculation</i></p>	<p>cease to be or never become a significant drinking water threat, where such activities are, or would be, significant drinking water threats, these activities shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p> <p>The requirements of the Risk Management Plan for the application of commercial fertilizer will generally be based on the requirements of a nutrient management plan and/or strategy under the <i>Nutrient Management Act</i>, but may also include any modifications or additional requirements deemed necessary or appropriate by the Risk Management Official.</p>
<p>13. The Handling and Storage of Road Salt 14. The Storage of Snow</p>	
<p>DC-GV-CW-6.1</p> <p><i>Future Part IV-Prohibit WHPA-A-v. 10</i></p>	<p>To ensure any new handling and storage of road salt and the storage of snow within a Wellhead Protection Area (WHPA) A never become a significant drinking water threat, where such activities would be significant drinking water threats, these activities shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.</p>
<p>DC-GV-CW-6.2</p> <p><i>a) Existing Part IV-RMP WHPA-A-v. 10 WHPA-B-v. 10</i></p> <p><i>b) Future Part IV-RMP WHPA-B-v. 10</i></p>	<p>To ensure:</p> <ol style="list-style-type: none"> a. any existing handling and storage of road salt and the storage of snow within Wellhead Protection Area (WHPA) A or B with a vulnerability score equal to ten (10); and b. any new handling and storage of road salt and the storage of snow within Wellhead Protection Area (WHPA) B with a vulnerability score equal to ten (10) <p>cease to be or never become a significant drinking water threat, where such activities would be significant drinking water threats, these activities shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p>
<p>15. The Handling and Storage of Fuel</p>	
<p>DC-GV-CW-7.1</p> <p><i>Existing/Future Education & Outreach WHPA-A-v. 10 WHPA-B-v. 10</i></p>	<p>To ensure the existing and future handling and storage of fuel less than or equal to 2500 Litres ceases to be or never becomes a significant drinking water threat, where such an activity is, or would be, a significant drinking water threat, the Town shall develop and implement an education and outreach program outlining the requirements of proper maintenance for fuel storage and the steps to be taken if there is a spill or leak detected.</p>
<p>DC-GV-CW-7.2</p> <p><i>a) Existing Part IV-RMP WHPA-A-v. 10 WHPA-B-v. 10</i></p> <p><i>b) Future Part IV-RMP WHPA-B-v. 10</i></p>	<p>To ensure the handling and storage of fuel more than 2,500 litres ceases to be or never becomes a significant drinking water threat, where such an activity is, or would be, a significant drinking water threat,</p> <ol style="list-style-type: none"> a. Existing activities in WHPA A and WHPA B with a vulnerability score equal to ten (10) shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required b. Future activities in WHPA B with a vulnerability score equal to ten (10) shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
<p>DC-GV-CW-7.3</p> <p><i>Future Part IV-Prohibit WHPA-A-v. 10</i></p>	<p>To ensure any future handling and storage of fuel more than 2,500 Litres within a WHPA A never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.</p>

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the Town of Grand Valley
16. The Handling and Storage of a Dense Non-Aqueous Phase Liquid (DNAPL)	
DC-GV-CW-8.1 <i>Existing</i> <i>Part IV-RMP</i> <i>WHPA-A-v.10</i> <i>WHPA-B-v.10</i>	To ensure any existing handling or storage of a dense non-aqueous phase liquid for industrial, commercial, institutional and agricultural purposes within a Wellhead Protection Area (WHPA) A or B with a vulnerability score equal to ten (10) ceases to be a significant drinking water threat, where such an activity is a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
DC-GV-CW-8.2 <i>Future</i> <i>Part IV-Prohibit</i> <i>WHPA-A-v.10</i> <i>WHPA-B-v.10</i>	To ensure any new handling or storage of a dense non-aqueous phase liquid for industrial, commercial institutional and agricultural purposes within Wellhead Protection Area (WHPA) A or B with a vulnerability score equal to ten (10), never becomes a significant drinking water threat, where such an activity 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 shall be prohibited.
DC-GV-CW-8.3 <i>Existing/Future</i> <i>Education & Outreach</i> <i>WHPA-A/B/C</i>	To ensure any existing or new handling or storage of a dense non-aqueous phase liquid ceases to be or never becomes a significant drinking water threat, where such an activity is, or would be, a significant drinking water threat, the Town shall develop and implement an education and outreach program to encourage the use of alternative products, where available, and the proper handling/storage and disposal procedures for these products.
17. The Handling and Storage of an Organic Solvent	
DC-GV-CW-9.1 <i>Existing</i> <i>Part IV-RMP</i> <i>WHPA-A-v.10</i> <i>WHPA-B-v.10</i>	To ensure any existing handling and storage of an organic solvent ceases to be a significant drinking water threat, where such an activity is a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
DC-GV-CW-9.2 <i>Future</i> <i>Part IV-Prohibit</i> <i>WHPA-A-v.10</i> <i>WHPA-B-v.10</i>	To ensure any new handling and storage of an organic solvent never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, this activity is designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
18. The Management of Runoff that Contains Chemicals Used in De-icing of Aircraft	
DC-GV-CW-10.1 <i>Future</i> <i>Part IV- Prohibit</i> <i>WHPA-A-v.10</i> <i>WHPA-B-v.10</i>	To ensure any new airport where there could be runoff containing de-icing chemicals never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, this activity is designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.

5.4 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: DC- GV -CW-1.1, DC- GV -CW-1.2, DC- GV -MC-1.3

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: DC- GV -CW-1.1, DC-GV-CW-1.14, DC- GV -MC-2.1, DC- GV -MC-2.3, DC- GV -MC-3.2, DC- GV -MC-3.3, DC- GV -MC-3.4

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: DC-GV-CW-1.1, DC-GV-CW-1.4, DC-GV-CW-1.5, DC-GV-CW-1.15, DC-GV-CW-1.18, DC-GV-CW-3.1, DC-GV-CW-7.1, DC-GV-CW-8.3

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: DC-GV-CW-1.8, DC-GV-CW-1.9, DC-GV-CW-1.10, DC-GV-CW-1.11, DC-GV-CW-1.12, DC-GV-NB-1.13; DC-GV-MC-1.14

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, 2006.”

Content: DC-GV-CW-1.1, DC-GV-CW-2.4, DC-GV-CW-4.2, DC-GV-CW-5.1, DC-GV-CW-6.1, DC-GV-CW-7.3, DC-GV-CW-8.2, DC-GV-CW-9.2, DC-GV-CW-10.1

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, 2006.”

Content: DC-GV-CW-1.1, DC-GV-CW-2.2, DC-GV-CW-2.4, DC-GV-CW-4.1, DC-GV-CW-5.2, DC-GV-CW-6.2, DC-GV-CW-7.2, DC-GV-CW-8.1, DC-GV-CW-9.1

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, 2006*.”

Content: DC-GV-CW-1.1, DC-GV-CW-1.2

LIST J

Title: Strategic Action policies

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

Content: DC-GV-NB-1.16, DC-GV-NB-1.17

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: DC-GV-NB-1.6, DC-GV-NB-1.7, DC-GV-NB-1.13

5.5 Appendix B: Prescribed Instrument and Policy Summary Tables

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)

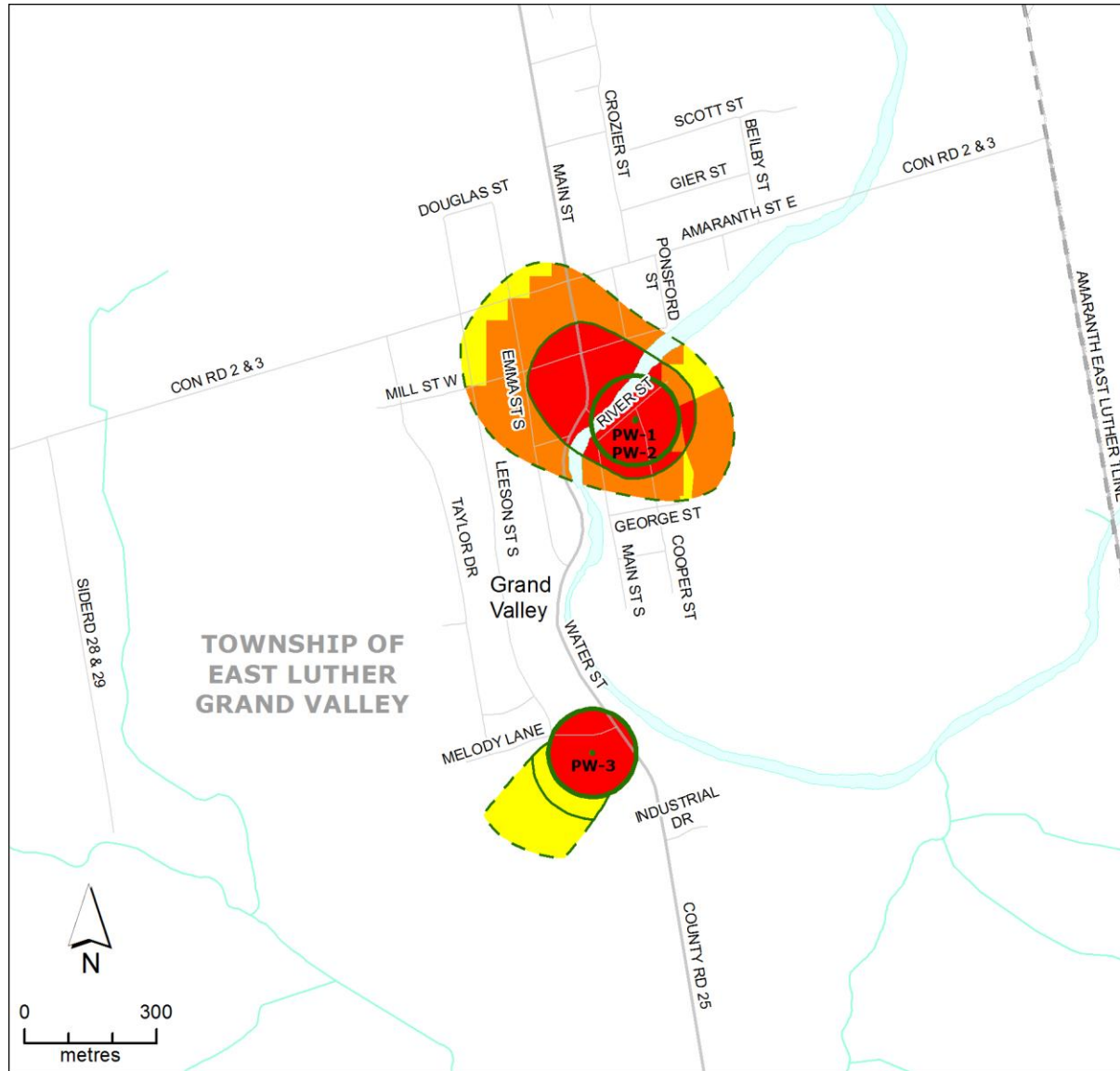
Policy #	Legal Effect (conform with, have regard to)	Environmental Protection Act	Nutrient Management Act	Ontario Water Resources Act
DC-GV-CW-1.1	Conform With	X	X	X
DC-GV-CW-1.14	Conform With	X		X
DC-GV-MC-2.1	Must Conform	X		X
DC-GV-MC-2.3	Must Conform	X		X
DC-GV-MC-3.2	Must Conform	X		X
DC-GV-MC-3.3	Must Conform	X		X
DC-GV-MC-3.4	Must Conform	X		X

Table 2: Policy Summary Matrix

Policy ID#	Legal Effect (conform with, 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)
DC-GV-CW-1.1	Comply With	X	X	X		X		
DC-GV-CW-1.2	Comply With	X				X		
DC-GV-MC-1.3	Must Conform	X						
DC-GV-MC-1.14	Must Conform		X		X			
DC-GV-MC-2.1	Must Conform		X					
DC-GV-MC-2.3	Must Conform		X					
DC-GV-MC-3.2	Must Conform		X					
DC-GV-MC-3.3	Must Conform		X					
DC-GV-MC-3.4	Must Conform		X					
DC-GV-CW-1.4	Comply With			X				
DC-GV-CW-1.5	Comply With			X				
DC-GV-CW-1.15	Must Conform			X				
DC-GV-CW-1.18	Comply With			X				
DC-GV-CW-3.1	Comply With			X				
DC-GV-CW-7.1	Comply With			X				

Policy ID#	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)
DC-GV-CW-8.3	Comply With			X				
DC-GV-CW-1.8	Comply With				X			
DC-GV-CW-1.9	Comply With				X			
DC-GV-CW-1.10	Comply With				X			
DC-GV-CW-1.11	Comply With				X			
DC-GV-CW-1.12	Comply With				X			
DC-GV-CW-2.4	Comply With					X		
DC-GV-CW-4.2	Comply With					X		
DC-GV-CW-5.1	Comply With					X		
DC-GV-CW-6.1	Comply With					X		
DC-GV-CW-7.2	Comply With					X		
DC-GV-CW-7.3	Comply With					X		
DC-GV-CW-8.2	Comply With					X		
DC-GV-CW-9.2	Comply With					X		
DC-GV-CW-10.1	Comply With					X		
DC-GV-CW-2.2	Comply With					X		
DC-GV-CW-4.1	Comply With					X		
DC-GV-CW-5.2	Comply With					X		
DC-GV-CW-6.2	Comply With					X		
DC-GV-CW-8.1	Comply With					X		
DC-GV-CW-9.1	Comply With					X		
DC-GV-NB-1.16	Non- Binding						X	
DC-GV-NB-1.17	Non- Binding						X	
DC-GV-NB-1.6	Non-Binding							X
DC-GV-NB-1.7	Non-Binding							X
DC-GV-NB-1.13	Non- Binding				X			X

5.6 Schedule A: Dufferin County, Township of Grand Valley, Grand Valley Well Supply



Significant Drinking Water Threat Policy Applicability

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

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 the Non-GUDI Wellhead Protection Zones shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.
 *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 the plan for further details.

Well
 Road
 Minor River
 Lake / Main River
 Municipal Boundary

Wellhead Protection Zones:

WHPA-A
 WHPA-B
 WHPA-C



1. Updated November 19, 2014
 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 hereon 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.

6.0 DUFFERIN COUNTY – TOWNSHIP OF MELANCTHON

The following Dufferin County, Township of Melancthon Source Protection Plan policies apply to the water systems located within the Township of Melancthon that are within the Grand River watershed and are shown on Schedule A included at the end of this chapter. The relevant policies of Chapter 3 of this Source Protection Plan, Grey County - Township of Southgate, shall apply to any portion of a water system that extends into the Township of Melancthon and is associated with a municipal well in the Southgate Township community of Dundalk. Those water systems, including the area extending into Melancthon Township, are shown on Schedule A: County of Grey, Township of Southgate: Dundalk Well Supply, as provided at the end of Chapter 3.

If any of the above referenced relevant Chapter 3 policies relate to land use planning matters, any reference to Grey County or Southgate Township planning documents shall be interpreted as referencing Dufferin County or Melancthon Township planning documents.

6.1 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 Township of Melancthon Source Protection Policies.

Existing – means established or approved as of the date the Source Protection Plan takes effect.

New or Future – means not existing, as defined herein.

Township – means the Corporation of the Township of Melancthon.

6.2 Township of Melancthon Source Protection Plan Policies

Policy Number	Source Protection Plan Policies within the Township of Melancthon
Implementation and Timing	
DC-M-CW-1.1 <i>Implement. & Timing</i>	Except as set out below, the policies contained in this Source Protection Plan shall take effect on the date set by the Minister. <ol style="list-style-type: none"> a. For Section 57 of the <i>Clean Water Act, 2006</i>, if an activity was engaged in at a particular location before 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; b. For Section 58 of the <i>Clean Water Act, 2006</i>, if an activity was engaged in at a particular location before this Source Protection Plan took effect and the Risk Management Official gives notice to a person who is 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; c. For Section 59 of the <i>Clean Water Act, 2006</i>, policies regarding restricted land uses shall take effect the same day the Source Protection Plan

Policy Number	Source Protection Plan Policies within the Township of Melancthon
	<p>takes effect;</p> <ul style="list-style-type: none"> d. Where the Source Protection Policies require the Township to develop and implement education and outreach programs as the primary tool for managing or eliminating a particular significant threat and where they are deemed necessary and/or appropriate by the Township and subject to available funding, such programs shall be developed and implemented within five (5) years from the date the Source Protection Plan takes effect; e. For Section 43 of the <i>Clean Water Act, 2006</i>, if an activity was engaged in at a particular location before 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. f. For Sections 40 and 42 of the <i>Clean Water Act, 2006</i>, the Official Plan and Zoning By-Laws 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 Source Protection Plan takes effect.
Uses and Areas Designated as Restricted Land Use	
<p>DC-M-CW-1.2</p> <p style="text-align: center;"><i>Part IV-RLU</i></p>	<p>In accordance with Section 59 of the <i>Clean Water Act, 2006</i>, all land uses, except solely residential uses, where significant drinking water threat activities have been designated for the purposes of Section 57 and 58 of the <i>Clean Water Act, 2006</i> are hereby designated as Restricted Land Uses and a written notice from the Risk Management Official is required prior to approval of any Building Permit, <i>Planning Act</i> or <i>Condominium Act</i> application.</p> <p>Despite the above policy, a site specific proposed land use that is the subject of an application for an approval under the <i>Planning Act</i> (as prescribed in O. Reg. 287/07 Section 62), or for a permit under the <i>Building Code Act</i>, is not designated for the purpose of Section 59 if the applicant can demonstrate to the satisfaction of the planning authority or the building official, as the case may be, that a significant drinking water threat activity designated for the purposes of Section 57 or 58 will not be engaged in.</p>
Official Plan and Zoning By-law Amendment(s) Policies	
<p>DC-M-MC-1.3</p> <p style="text-align: center;"><i>Future Land Use Planning</i></p>	<p>The Township and County of Dufferin, where applicable, shall amend their Official Plan and/or Zoning By-Laws to:</p> <ul style="list-style-type: none"> a. Identify the vulnerable areas in which drinking water threats prescribed under the <i>Clean Water Act, 2006</i> 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; and 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	
<p>DC-M-CW-1.4</p> <p style="text-align: center;"><i>Existing/ Future Education & Outreach</i></p>	<p>The Nottawasaga Valley Source Protection Authority, in collaboration with the Township, and other bodies wherever possible, may develop and implement education and outreach programs directed at any, or all, significant drinking water threats prescribed under the <i>Clean Water Act, 2006</i>, where such programs are deemed necessary and/or appropriate by the Township and subject to available funding. Such programs may include, but not necessarily be limited to, increasing</p>

Policy Number	Source Protection Plan Policies within the Township of Melancthon
	awareness and understanding of significant drinking water threats and promotion of best management practices.
Incentive Programs	
DC-M-CW-1.5 <i>Existing/ Future Incentive</i>	The Township, in collaboration with other bodies and levels of government where possible, may develop and implement incentive programs directed at various significant threat activities prescribed under the <i>Clean Water Act, 2006</i> , where such programs are deemed necessary and/or appropriate by the Township, subject to available funding.
DC-M-NB-1.6 <i>Existing/ Future Incentive</i>	The Ministry of Environment and Climate Change and other provincial ministries shall consider providing continued funding and support to protect existing and future drinking water sources and address significant drinking water threats, under the Ontario Drinking Water Stewardship Program.
DC-M-NB-1.7 <i>Existing Incentive</i>	To reduce the risks to drinking water from an existing activity, the Grand River Conservation Authority, in consultation with the Township and/or County, will deliver available cost share incentive programs as long as the Grand River Conservation Authority has such programs and outreach staff available, and work with affected land owners to implement best management practices for the following activities: <ul style="list-style-type: none"> i. The application of agricultural source material to land; ii. The storage of agricultural source material; and iii. The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard.
Annual Reporting	
DC-M-CW-1.8 <i>Monitoring</i>	The Township shall provide a report to the Source Protection Authority, by February 1 st of each year, summarizing the actions taken to implement the Source Protection Plan policies.
DC-M-CW-1.9 <i>Monitoring</i>	Where the Township and County of Dufferin is required to amend their Official Plan and/or Zoning By-law and provide proof of compliance to the Source Protection Authority, they shall do so within 30 days of final approval of the amendment(s) or, where the matter has been appealed to the Ontario Municipal Board, the date of their decision to approve.
DC-M-CW-1.10 <i>Monitoring</i>	The Risk Management Official shall provide a report to the Source Protection Authority, by February 1 st of each year, summarizing the actions taken by the Risk Management Official to implement the Source Protection Policies, in accordance with the <i>Clean Water Act, 2006</i> and associated regulations.
DC-M-CW-1.11 <i>Monitoring</i>	Where the Source Protection Plan policies require a provincial ministry to amend a Prescribed Instrument or the issuance of a new Prescribed Instrument, the applicable Ministry shall provide a summary of the actions taken the previous year to implement the policies and provide a written report summarizing this information to the Source Protection Authority by February 1 st of each year.
DC-M-CW-1.12 <i>Monitoring</i>	Where the Source Protection Plan policies require a provincial ministry to deny a activity with 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 1 st of

Policy Number	Source Protection Plan Policies within the Township of Melancthon
	each year.
Local Threat: The Conveyance of Oil by way of Underground Pipelines	
DC-M-NB-1.13 <i>Future Specify Action</i> WHPA-A-v.10 WHPA-B-v.10 <i>Monitoring</i>	<p>To reduce the risks to drinking water due to the conveyance of oil by way of underground pipeline 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>, where the activity would be a significant drinking water threat, the pipeline proponent, the National Energy Board, and Ontario Energy Board, are encouraged to provide the Source Protection Authority and the Township the location of any new proposed pipeline within the Township and/or Source Protection Area.</p> <p>The Source Protection Authority shall document in the annual report the number of new pipelines proposed within vulnerable areas if a pipeline has been proposed and/or an application has been received.</p>
Strategic Action	
Spill Prevention, Spill Contingency or Emergency Response Plans	
DC-M-NB-1.14 <i>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, the Township, County of Dufferin, and the Ministry of the Environment and Climate Change are encouraged to incorporate the Wellhead Protection Area mapping into their Emergency Response Plan and Spills Action Centre mapping, respectively.</p>
Transport Pathways	
DC-M-NB-1.15 <i>Existing/Future Specify Action</i>	<p>The Township is requested to support ongoing programs, which encourage the decommissioning of abandoned wells as per O. Reg. 903, within all vulnerable areas where there is or would be a significant drinking water threat.</p>
Interpretation	
DC-M-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, 2006</i>. 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 Tables of Drinking Water Threats, <i>Clean Water Act, 2006</i>. 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 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.
Transition Provision	
DC-M-CW-1.17 <i>Transition</i>	<p>Despite the definition of existing, where a policy in this plan prohibits a "future" threat activity, the policy for managing "existing" drinking water threats activities applies in the following cases even though those activities will commence after the Source Protection Plan comes into effect:</p> <ol style="list-style-type: none"> A drinking water threat activity that is related to a development proposal where a complete application was made under the Planning Act or

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	<p>Condominium Act prior to the day the Source Protection Plan comes into effect. The policy for "existing" drinking water threats also applies to any further applications required under the Planning Act, Condominium Act, or Prescribed Instruments to implement the development proposal.</p> <p>b) A drinking water threat activity that is related to an application for a Building Permit, which has been submitted in compliance with Division C 1.3.1.3 (5) of the Ontario Building Code Act or a development permit under the Niagara Escarpment Development Control Area prior to the day the Source Protection Plan comes into effect.</p> <p>c) A drinking water threat activity that is related to an application made for the issuance or amendment of a Prescribed Instrument prior to the day the Source Protection Plan comes into effect.</p>

6.3 Policies Addressing Prescribed Drinking Water Threats

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the Township of Melancthon
1. Establishment, Operation or Maintenance of a Waste Disposal Site, within the Meaning of Part V of the <i>Environmental Protection Act</i>	
Application of Untreated Septage	
DC-M-MC-2.1 <i>Existing/Future Prescribed Instr. WHPA ≥ 8</i>	To ensure any existing or future application of untreated septage to land, that is subject to an Environmental Compliance Approval within the meaning of the <i>Environmental Protection Act</i> , ceases to be, or never becomes, a significant drinking water threat, where such an activity is, or would be, a significant drinking water threat, the Ministry of Environment and Climate Change shall prohibit these activities within the Environmental Compliance Approvals process.
Waste Disposal Sites	
DC-M-CW-2.2 <i>Existing Part IV-RMP WHPA ≥ 8</i>	To ensure any existing waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> which does not require an Environmental Compliance Approval (PCB waste storage and the storage of hazardous liquid industrial waste, excluding the storage of wastes described in clauses (p), (q), (r), (s), (t), or (u) of the definition of hazardous waste (O.Reg 347)), ceases to be a significant drinking water threat, where such an activity is a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required. The Risk Management Plan, at a minimum, will be based on contemporary standards, and include appropriate terms and conditions to ensure the activity ceases to be a significant drinking water threat.
DC-M-MC-2.3 <i>Future Prescribed Instr. WHPA ≥ 8</i>	To ensure the establishment, operation or maintenance of a new waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> that is subject to an Environmental Compliance Approval never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the Ministry of the Environment and Climate Change shall prohibit these activities within the Environmental Compliance Approvals process.
DC-M-CW-2.4 <i>Future Part IV-Prohibit WHPA ≥ 8</i>	To ensure the establishment, operation or maintenance of a new waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> which does not require an Environmental Compliance Approval (PCB waste storage and the storage of hazardous liquid industrial waste, excluding the storage of wastes described in clauses (p), (q), (r), (s), (t), or (u) of the definition of hazardous waste

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the Township of Melancthon
	(O.Reg 347)), never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, is designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
DC-M-MC-2.5 <i>Existing Prescribed Instr. WHPA ≥ 8</i>	To ensure any existing waste disposal site within the meaning of Part V of the Environmental Protection Act that is subject to an Environmental Compliance Approval ceases to be a significant drinking water threat, the Ministry of Environment and Climate Change shall review and if necessary, amend Environmental Compliance Approvals to ensure that appropriate terms and conditions are incorporated that, when implemented, ensure that the waste disposal site is managed to reduce the risk to drinking water sources.
DC-M-MC-2.6 <i>Future Land Use Planning WHPA ≥ 8</i>	To ensure the establishment of a new waste disposal site within the meaning of Part IV of the Environmental Protection Act (excluding storage of wastes described in clauses (p), (q), (r), (s), (t), or (u) of the definition of hazardous waste (O.Reg 347) and storage of hazardous or liquid industrial waste) never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the Township and the County of Dufferin, where applicable, shall amend their planning documents to prohibit a related land use.
DC-M-CW-2.7 <i>Existing Education&Outreach WHPA ≥ 8</i>	The Nottawasaga Valley Source Protection Authority, in collaboration with the Township, and other bodies wherever possible, shall develop and implement education and outreach programs to address any existing waste disposal sites, within the meaning of Part V of the <i>Environmental Protection Act</i> , including the storage of wastes described in clauses (p), (q), (r), (s), (t), or (u) of the definition of hazardous waste, (O. Reg. 347), where this activity is a significant drinking water threat, that do not require an Environmental Compliance Approval. The program should focus on the proper handling, storage and disposal of wastes to ensure that these activities cease to be significant drinking water threats.
Disposal of Mine Tailings	
DC-M-MC-2.8 <i>Existing Prescribed Instr. WHPA ≥ 8</i>	To ensure the existing disposal of mine tailings, that is subject to an Environmental Compliance Approval within the meaning of the Environmental Protection Act, ceases to be a significant drinking water threat the Ministry of Environment and Climate Change shall ensure that the Environmental Compliance Approval that governs the disposal of mine tailings includes appropriate terms and conditions to ensure that the activity ceases to be a significant drinking water threat.
DC-M-MC-2.9 <i>Future Prescribed Instr. WHPA ≥ 8</i>	To ensure the future disposal of mine tailings that is subject to an Environmental Compliance Approval within the meaning of the Environmental Protection Act, never becomes a significant drinking water threat the Ministry of Environment and Climate Change shall prohibit this activity within the Environmental Compliance Approvals process.
2. Establishment, Operation or Maintenance of a System That Collects, Stores, Transmits, Treats or Disposes of Sewage	
DC-M-MC-3.1 <i>Future Land Use Planning</i>	To ensure the establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat the Township and the County of Dufferin, where applicable, shall amend their planning documents to locate new (private or municipal) sewage system infrastructure, wherever possible, outside of a vulnerable area where it would be a

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the Township of Melancthon
	significant drinking water threat.
DC-M-CW-3.2 <i>Existing/Future Education & Outreach</i>	The Nottawasaga Valley Source Protection Authority, in collaboration with the Township, and other bodies wherever possible, shall develop and implement education and outreach programs to address any existing system that collects, stores or transmits, treats or disposes of sewage, where such an activity is a significant drinking water threat. The program will promote the importance of source water protection, the proper disposal of hazardous waste and proper care and maintenance of septic systems.
Sewage System or Sewage Works - Septic System and Septic System Holding Tanks	
DC-M-CW-3.3 <i>Existing/Future Specify Action WHPA-A-v.10</i>	To ensure any existing or new septic 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> ceases to be or never becomes a significant drinking water threat, where such an activity is, or would be, a significant drinking water threat, the County of Dufferin shall implement an on-site septic system maintenance inspection program. Inspections should be prioritized based on the proximity to the drinking water supply.
DC-M-MC-3.4 <i>Existing Prescribed Instr. WHPA-A-v.10</i>	<p>To ensure any existing septic system with a design flow of greater than 10,000 Litres per day and regulated under the <i>Ontario Water Resources Act</i> ceases to be or never becomes a significant drinking water threat, where such an activity is, or would be, a significant drinking water threat, the Ministry of the Environment and Climate Change shall review or prepare and, if necessary, amend Environmental Compliance Approvals to incorporate terms and conditions that, when implemented, ensure that these septic systems are managed to reduce the risk to municipal drinking water sources.</p> <p>The terms and conditions may include, as appropriate, requirements for the proponent/applicant to undertake mandatory monitoring of groundwater impacts, contingencies in the event that drinking water quality is adversely affected, regular and ongoing compliance monitoring, mandatory system inspections at least every five (5) years, and upgrading of these septic systems to current standards, if necessary. In addition, the terms and conditions may include the proponent/applicant to provide annual reporting to the Source Protection Authority and County of any monitoring and inspection programs required and their results.</p>
DC-M-MC-3.5 <i>Future Prescribed Instr. WHPA-A-v.10</i>	To ensure new septic system with a design flow greater than 10,000 Litres per day and regulated by the <i>Ontario Water Resources Act</i> never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the Ministry of Environment and Climate Changes hall prohibit this activity within the Environmental Compliance Approvals process.
DC-M-MC-3.6 <i>Future Land Use Planning</i>	To ensure any new septic system with a design flow greater than 10,000 Litres per day and regulated by the <i>Ontario Water Resources Act</i> never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the Township and the County of Dufferin, where applicable, shall amend their planning documents to prohibit a related land use.
DC-M-MC-3.7 <i>Future Land Use Planning</i>	To ensure new small on-site septic systems never become a significant drinking water threat, where such an activity would be a significant drinking water threat, the Township and the County of Dufferin, where applicable, shall permit new development, only where the lot sizes for any proposed development that would include a small on-site septic system is based on the most current version of the

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the Township of Melancthon
	Ministry of Environment’s guidelines for individual on-site servicing. Lots of record that exist on the effective date of the source protection plan are exempted.
Sewage System or Sewage System or Sewage System or Sewage System or	Sewage Works - Storage of Sewage (e.g., treatment plant tanks) Sewage Works - Sewage Treatment Plant Effluent Discharges Sewage Works - Sanitary Sewers and Related Pipes Sewage Treatment Plant By-pass Discharge to Surface Water
DC-M-MC-3.8 <i>Existing Prescribed Instr. WHPA-A-v.10 WHPA-B-v.8</i>	To ensure any existing sewage treatment plant, sanitary sewers and related pipes, sewage treatment plant by-pass discharge to surface water, and sewage treatment plant effluent discharge (including lagoons) cease to be significant drinking water threats, where such activities are significant drinking water threats, the Ministry of the Environment and Climate Change shall ensure that the Environmental Compliance Approval that governs these activities includes appropriate terms and conditions to ensure that the activity ceases to be a significant drinking water threat.
DC-M-MC-3.9 <i>Future Prescribed Instr. WHPA-A-v.10 WHPA-B-v.8</i>	To ensure any future establishment, operation or maintenance of a sewage treatment plant, sewage treatment plant by-pass discharge to surface water, and sewage treatment plant effluent discharge (including lagoons) never become significant drinking water threats, where such activities would be significant drinking water threats, the Ministry of Environment and Climate Change shall prohibit these activities within the Environmental Compliance Approvals Process.
DC-M-MC-3.10 <i>Future Prescribed Instr. WHPA-A-v.10 WHPA-B-v.8</i>	To ensure the future establishment, operation or maintenance of sanitary sewers and related pipes never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the Ministry of Environment and Climate Change shall incorporate appropriate terms and conditions into the Environmental Compliance Approval to ensure the activity does not become a significant drinking water threat.
Sewage System or	Sewage Works - Discharge of Stormwater from a Stormwater Management Facility
DC-M-MC-3.11 <i>Existing/Future Prescribed Instr. WHPA-A-v.10</i>	To ensure any existing or future establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of stormwater, cease to be or never becomes a significant drinking water threat, where such an activity are, or would be, a significant drinking water threat, the Ministry of the Environment and Climate Change shall review or prepare and, if necessary, amend Environmental Compliance Approvals to ensure that appropriate terms and conditions are incorporated that, when implemented, will ensure that the activity ceases to be or does not become a significant drinking water threat. Such conditions may include: <ul style="list-style-type: none"> a) permitting the expansion of an existing facility where the expansion does not pose a significant drinking water threat; or b) permitting retrofits to existing facilities where the retrofit will discharge the stormwater outside of the significant drinking water threat area.
DC-M-MC-3.12 <i>Future Land Use Planning</i>	To ensure the future establishment of a system that collects, stores, transmits, treats or disposes of stormwater, never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the Township and County of Dufferin, where applicable, shall amend their planning documents to ensure the design of new stormwater management facilities reduces the risk of contaminating drinking water, and directs the discharge of stormwater

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	outside of vulnerable areas.
3. The Application of Agricultural Source Material to Land	
DC-M-CW-4.1 <i>Existing/Future Part IV-Prohibit WHPA-A-v.10</i>	To ensure the existing or future application of agricultural source material to land, where the Nutrient Management Act does not require an approval, ceases to be or never becomes a significant drinking water threat, where such an activity is, or would be, a significant drinking water threat, this activity is designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
DC-M-MC-4.2 <i>Existing/Future Prescribed Instr. WHPA-A-v.10</i>	To ensure the existing or future application of agricultural source material to land, for those phased in under the Nutrient Management Act, ceases to be or never becomes a significant drinking water threat, where such an activity is, or would be a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs shall prohibit this activity to ensure it never becomes a significant drinking water threat.
DC-M-CW-4.3 <i>Existing Education&Outreach WHPA-A-v.10</i>	To ensure the existing application of agricultural source material to land ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, the Nottawasaga Valley Source Protection Authority, in collaboration with the Township, and other bodies wherever possible, shall undertake an education and outreach program, and use materials developed by the Ministry of Environment and Climate Change where possible to target those applying agricultural source material to land.
4. The Storage of Agricultural Source Material	
DC-M-CW-5.1 <i>Existing Part IV-RMP WHPA-A-v.10</i>	To ensure the existing storage of agricultural source material, for those not phased in under the Nutrient Management Act, ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, it shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required. The Risk Management Plan, at a minimum, should be based on contemporary standards, reflect appropriate nutrient management practices, and ensure the activity ceases to be a significant drinking water threat.
DC-M-MC-5.2 <i>Existing Prescribed Instr. WHPA-A-v.10</i>	To ensure the existing storage of agricultural source material, for those phased in under the Nutrient Management Act, ceases to be a significant drinking water threat, where such an activity is a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs shall ensure that the nutrient management plan or strategy that governs the storage of agricultural source materials include appropriate terms and conditions to ensure that the activity ceases to be a significant drinking water threat.
DC-M-CW-5.3 <i>Future Part IV – Prohibit WHPA-A-v.10</i>	To ensure the future storage of agricultural source material, for those not phased in under the Nutrient Management Act, never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, it shall be designated for the purposes of Section 57 and shall be prohibited.
DC-M-MC-5.4 <i>Future Prescribed Instr. WHPA-A-v.10</i>	To ensure the future storage of agricultural source material, for those phased in under the Nutrient Management Act, never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs shall prohibit this activity to ensure it never becomes a significant drinking water threat.

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DC-M-MC-5.5 <i>Future Land Use Planning WHPA-A-v.10</i>	To ensure the future storage of agricultural source material never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the Township, and the County of Dufferin, where applicable, shall amend their planning documents to prohibit future agricultural source material storage facilities.
DC-M-CW-5.6 <i>Existing Education&Outreach WHPA-A-v.10</i>	To ensure the existing handling and storage of agricultural source material ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, the Nottawasaga Valley Source Protection Authority, in collaboration with the Township, and other bodies wherever possible, shall undertake an education and outreach program, and use materials developed by the Ministry of Environment and Climate Change where possible to target those handling or storing agricultural source material.
6. The Application of Non-Agricultural Source Material (NASM) 7. The Handling and Storage of Non-Agricultural Source Material (NASM)	
DC-M-CW-6.1 <i>Existing/Future Part IV – Prohibit WHPA-A-v.10</i>	To ensure the existing and future application, or handling and storage of category 1 non-agricultural source material, where the <i>Nutrient Management Act</i> and <i>Environmental Protection Act</i> do not require an approval, ceases to be, or never becomes, a significant drinking water threat, where such an activity is, or would be, a significant drinking water threat, it shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and is therefore prohibited.
DC-M-MC-6.2 <i>Existing/Future Prescribed Instr. WHPA-A-v.10</i>	To ensure the existing and future application, or handling and storage of category 1, 2 or 3 non-agricultural source material, where the <i>Nutrient Management Act</i> and <i>Environmental Protection Act</i> requires an approval, ceases to be, or never becomes, a significant drinking water threat, where such an activity is, or would be, a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs and/or the Ministry of Environment and Climate Change shall prohibit this activity through the Environmental Compliance Approvals process.
DC-M-MC-6.3 <i>Future Land Use Planning WHPA-A-v.10</i>	To ensure the future storage of non-agricultural source material never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the Township and the County of Dufferin, where applicable, shall amend their planning documents to prohibit future non-agricultural source material storage facilities.
DC-M-CW-6.4 <i>Existing Education&Outreach WHPA-A-v.10</i>	To ensure the existing application, handling or storage of non-agricultural source material ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, the Nottawasaga Valley Source Protection Authority, in collaboration with the Township, and other bodies wherever possible, shall undertake an education and outreach program, and use materials developed by the Ministry of Environment and Climate Change where possible to target those applying, handling or storing non-agricultural source material.
8. The Application of Commercial Fertilizer to Land	
DC-M-CW-7.1 <i>Existing/Future Part IV – RMP WHPA-A-v.10</i>	To ensure the existing and future application of commercial fertilizer to land, for those not phased in under the <i>Nutrient Management Act</i> , ceases to be, or never becomes, a significant drinking water threat, where such an activity is, or would be, a significant drinking water threat, it shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.

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	The Risk Management Plan should require fertilizers to be applied using best agronomic practices on the advice of a certified crop advisor, that soil tests (NPK) be carried out and that proper farm practices regarding crop rotation be applied, as appropriate.
DC-M-MC-7.2 <i>Existing/Future Prescribed Instr. WHPA-A-v.10</i>	To ensure the existing and future application of commercial fertilizer to land, for those phased in under the <i>Nutrient Management Act</i> , ceases to be, or never becomes, a significant drinking water threat, where such an activity is, or would be, a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs shall ensure that the Nutrient Management Plan or strategy that governs the application of commercial fertilizer to land includes appropriate terms and conditions to ensure that the activity ceases to be or does not become a significant drinking water threat.
DC-M-CW-7.3 <i>Existing Education&Outreach WHPA-A-v.10</i>	To ensure the existing and future application of commercial fertilizer to land ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, the Nottawasaga Valley Source Protection Authority, in collaboration with the Township, and other bodies wherever possible, undertake an education and outreach program, and use materials developed by the Ministry of Environment and Climate Change where possible to target those applying commercial fertilizer to land.
9. The Handling and Storage of Commercial Fertilizer	
DC-M-CW-8.1 <i>Existing Part IV – RMP WHPA-A-v.10</i>	To ensure the existing handling and storage of commercial fertilizer, for those not phased in under the <i>Nutrient Management Act</i> , ceases to be a significant drinking water threat, where such an activity is a significant drinking water threat, it shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required. The Risk Management Plan, at a minimum, will be based on contemporary standards and should require: <ul style="list-style-type: none"> a) liquid fertilizer to be stored in double-walled tanks or secondary containment facilities, with collision protection, and b) dry fertilizer to be stored undercover on impervious floor surfaces with no drainage outlets so that the handling and storage of commercial fertilizer ceases to be a significant drinking water threat.
DC-M-CW-8.2 <i>Future Part IV – Prohibit WHPA-A-v.10</i>	To ensure the future handling and storage of commercial fertilizer never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, it shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and is therefore prohibited.
DC-M-MC-8.3 <i>Future Land Use Planning WHPA-A-v.10</i>	To ensure the future storage of commercial fertilizer never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the Township and the County of Dufferin, where applicable, shall amend their planning documents to prohibit future commercial fertilizer storage facilities.
DC-M-CW-8.4 <i>Existing Education&Outreach WHPA-A-v.10</i>	To ensure the existing handling and storage of commercial fertilizer ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, the Nottawasaga Valley Source Protection Authority, in collaboration with the Township, and other bodies wherever possible, shall undertake an education

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	and outreach program, and use materials developed by the Ministry of Environment and Climate Change where possible to target those handling or storing commercial fertilizer.
10. The Application of Pesticides to Land	
DC-M-CW-9.1 <i>Existing/Future Part IV – RMP WHPA-A-v.10</i>	<p>To ensure the existing and future application of pesticides to land ceases to be, or never becomes, a significant drinking water threat, where such an activity is, or would be a significant drinking water threat, it shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p> <p>The Risk Management Plan, at a minimum, should be based on contemporary standards, and should require that pesticides be applied by a certified or registered professional in keeping with prescribed label rates to ensure that the activity ceases to be or does not become a significant drinking water threat.</p>
DC-M-CW-9.2 <i>Existing/Future Education & Outreach WHPA-A-v.10</i>	<p>To ensure the existing application of pesticide to land ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, the Nottawasaga Valley Source Protection Authority, in collaboration with the Township, and other bodies wherever possible, shall undertake an education and outreach program, and use materials developed by the Ministry of Environment and Climate Change where possible to target those applying pesticide to land.</p>
11. The Handling and Storage of Pesticides	
DC-M-CW-10.1 <i>Existing Part IV – RMP WHPA-A-v.10</i>	<p>To ensure the existing handling and storage of pesticides ceases to be a significant drinking water threat, where such an activity is a significant drinking water threat, it shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p> <p>The Risk Management Plan, at a minimum, should be based on contemporary standards and include appropriate terms and conditions to ensure the activity ceases to be a significant drinking water threat.</p>
DC-M-CW-10.2 <i>Future Part IV – Prohibit WHPA-A-v.10</i>	<p>To ensure the future handling and storage of pesticides never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, it shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and is therefore prohibited.</p>
DC-M-MC-10.3 <i>Future Land Use Planning WHPA-A-v.10</i>	<p>To ensure the future storage of pesticides never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the Township and the County of Dufferin, where applicable, shall amend their planning documents to prohibit future pesticide storage facilities.</p>
DC-M-CW-10.4 <i>Existing Education & Outreach WHPA-A-v.10</i>	<p>To ensure the existing handling and storage of pesticides ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, the Nottawasaga Valley Source Protection Authority, in collaboration with the Township, and other bodies wherever possible, shall undertake an education and outreach program, and use materials developed by the Ministry of Environment and Climate Change where possible to target those handling or storing pesticides.</p>
13. The Handling and Storage of Road Salt	

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14. The Storage of Snow	
DC-M-CW-11.1 <i>Existing Part IV-RMP WHPA-A-v.10</i>	<p>To ensure the existing handling and storage of road salt and storage of snow ceases to be a significant drinking water threat, where such an activity would be a significant drinking water threat, it shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p> <p>A Risk Management Plan for the handling and storage of road salt, at a minimum, should include terms and conditions that mirror a salt management plan, and comply with contemporary standards to ensure the handling and storage of road salt ceases to be a significant drinking water threat.</p> <p>A Risk Management Plan for the storage of snow, at a minimum, should be based on contemporary standards to ensure that the storage of snow and associated run-off ceases to be a significant drinking water threat.</p>
DC-M-CW-11.2 <i>Future Part IV-Prohibit WHPA-A-v.10</i>	<p>To ensure the future handling and storage of road salt and storage of snow never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, it shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and is therefore prohibited to ensure this activity ceases to be a significant drinking water threat. Except in emergency situations as determined by the risk management official and the public works department, emergency snow storage will be permitted only outside of WHPA-A.</p>
DC-M-MC-11.3 <i>Future Land Use Planning WHPA-A-v.10</i>	<p>To ensure the future storage of road salt never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the Township and the County of Dufferin, where applicable, shall amend their planning documents to prohibit future road salt storage facilities.</p>
DC-M-MC-11.4 <i>Future Land Use Planning WHPA-A-v.10</i>	<p>To ensure the future storage of snow never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the Township and the County of Dufferin, where applicable, shall amend their planning documents to prohibit future snow storage facilities.</p>
DC-M-CW-11.5 <i>Future Education & Outreach WHPA-A-v.10</i>	<p>The Nottawasaga Valley Source Protection Authority, in collaboration with the Township, and other bodies wherever possible, shall undertake an education and outreach program, and use materials developed by the Ministry of Environment and Climate Change where possible to target the handling and storage of road salt and snow where this activity would be a significant drinking water threat. The future program will promote pollution prevention by explaining the importance of proper salt storage and run-off management of salt and snow to safe guard water supplies. The program will be carried out in consultation with the Association of Municipalities Ontario and the Ontario Good Roads Association.</p>
15. The Handling and Storage of Fuel	
DC-M-CW-12.1 <i>Existing Education & Outreach WHPA-A-v.10</i>	<p>To ensure the existing handling and storage of fuel ceases to be a significant drinking water threat, where such an activity is a significant drinking water threat, the Nottawasaga Valley Source Protection Authority, in collaboration with the Township, and other bodies wherever possible, shall develop and implement an education and outreach program outlining the requirements of proper maintenance for fuel storage and the steps to be taken if there is a spill or leak detected.</p>
DC-M-CW-12.2	<p>To ensure the existing handling and storage of fuel, except for personal domestic</p>

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the Township of Melancthon
<p style="text-align: center;"><i>Existing</i> Part IV-RMP WHPA-A-v.10</p>	<p>use, ceases to be a significant drinking water threat, where such an activity is a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p> <p>The Risk Management Plan will include appropriate terms and conditions to ensure the handling and storage of fuel ceases to be a significant drinking water threat, and at a minimum, complies with contemporary standards. The Risk Management Plan may include such conditions as:</p> <ul style="list-style-type: none"> a) secondary containment; b) spill/leak detection (monitoring processes); and c) collision protection (bollards).
<p>DC-M-CW-12.3</p> <p style="text-align: center;"><i>Future</i> Part IV-Prohibit WHPA-A-v.10</p>	<p>To ensure any future handling and storage of fuel never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.</p>
<p>DC-M-MC-12.4</p> <p style="text-align: center;"><i>Future</i> Land Use Planning WHPA-A-v.10</p>	<p>To ensure the future storage fuel never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the Township and the County of Dufferin, where applicable, shall amend their planning documents to prohibit future fuel storage facilities.</p>
16. The Handling and Storage of a Dense Non-Aqueous Phase Liquid (DNAPL)	
<p>DC-M-CW-13.1</p> <p style="text-align: center;"><i>Existing</i> Part IV-RMP WHPA-A/B/C</p>	<p>To ensure the existing handling and storage of a dense non-aqueous phase liquid (excluding incidental volumes for personal/domestic use) ceases to be a significant drinking water threat, where such an activity is a significant drinking water threat, this activity shall be designated for the purpose of Section 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.</p> <p>The Risk Management Plan, at a minimum, should promote above-ground storage and handling, and include terms and conditions to ensure the handling and storage of DNAPLs ceases to be a significant drinking water threat.</p>
<p>DC-M-CW-13.2</p> <p style="text-align: center;"><i>Future</i> Part IV-Prohibit WHPA-A/B/C</p>	<p>To ensure the future handling and storage of a dense non-aqueous phase liquid (excluding incidental volumes for personal/domestic use) never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, this activity shall be designated for the purposes of Section 57 of the <i>Clean Water Act, 2006</i> and is therefore prohibited.</p>
<p>DC-M-MC-13.3</p> <p style="text-align: center;"><i>Future</i> Land Use Planning WHPA-A-v.10</p>	<p>To ensure the future handling and storage of a dense non-aqueous phase liquid never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the Township and the County of Dufferin, where applicable, shall amend their planning documents to prohibit future dense non-aqueous phase liquid storage facilities.</p>
<p>DC-M-CW-13.4</p> <p style="text-align: center;"><i>Existing</i> Education & Outreach WHPA-A/B/C</p>	<p>To ensure any existing handling and storage of a dense non-aqueous phase liquid ceases to be a significant drinking water threat, where such an activity is a significant drinking water threat, the Nottawasaga Valley Source Protection Authority, in collaboration with the Township, and other bodies wherever possible, shall develop and implement an education and outreach program to encourage the use of alternative products, where available, and the proper handling/storage and disposal procedures for these products.</p>

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the Township of Melancthon
17. The Handling and Storage of an Organic Solvent	
DC-M-CW-14.1 <i>Existing Part IV-RMP WHPA-A-v.10</i>	<p>To ensure any existing handling and storage of an organic solvent ceases to be a significant drinking water threat, where such an activity is a significant drinking water threat, 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>The Risk Management Plan, at a minimum, should be based on contemporary standards and include appropriate terms and conditions to ensure the activity ceases to be a significant drinking water threat.</p>
DC-M-CW-14.2 <i>Future Part IV-Prohibit WHPA-A-v.10</i>	<p>To ensure any new handling and storage of an organic solvent never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, this activity is designated for the purpose of Section 57 of the <i>Clean Water Act</i>, 2006 and shall be prohibited.</p>
DC-M-MC-14.3 <i>Future Land Use Planning WHPA-A-v.10</i>	<p>To ensure the future storage of organic solvents never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the Township and the County of Dufferin, where applicable, shall amend their planning documents to prohibit future organic solvent storage facilities.</p>
DC-M-CW-14.4 <i>Existing Education & Outreach WHPA-A-v.10</i>	<p>To ensure any existing handling and storage of an organic solvent ceases to be a significant drinking water threat, where such an activity is a significant drinking water threat, the Nottawasaga Valley Source Protection Authority, in collaboration with the Township, and other bodies wherever possible, shall develop and implement an education and outreach program to encourage the use of alternative products, where available, and the proper handling/storage and disposal procedures for these products.</p>
18. The Management of Runoff that Contains Chemicals Used in De-icing of Aircraft	
DC-M-NB-15.1 <i>Future Specify Action WHPA-A-v.10</i>	<p>To ensure that future runoff containing de-icing chemical never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, the airport authority, in their consideration of any new airport facilities are encouraged to include appropriate design standards and management practices to prevent run-off from airport de-icing facilities from becoming a significant drinking water threat.</p>
21. The use of land as livestock grazing, or pasturing land, an outdoor confinement area or farm animal yard	
DC-M-MC-16.1 <i>Existing/Future Prescribed Instr. WHPA-A-v.10</i>	<p>To ensure any existing or future outdoor confinement area or farm animal yard which requires approval under the <i>Nutrient Management Act</i>, ceases to be or never becomes a significant drinking water threat, where such activity is or would be a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs shall prohibit this activity to ensure it never becomes a significant drinking water threat.</p>
DC-M-CW-16.2 <i>Existing/Future Part IV - Prohibit WHPA-A-v.10</i>	<p>To ensure any existing or future outdoor confinement area or farm animal yard which does not require approval under the <i>Nutrient Management Act</i>, ceases to be or never becomes a significant drinking water threat, where such activity is or would be a significant drinking water threat, this activity is designated for the purpose of Section 57 of the <i>Clean Water Act</i>, 2006 and therefore prohibited.</p>

Policy Number	Policies Addressing Prescribed Drinking Water Threats within the Township of Melancthon
DC-M-CW-16.3 <i>Existing/Future Part IV - Prohibit WHPA-A-v.10</i>	To ensure any existing or future livestock grazing or pasturing, where the number of animals on the land at any time is sufficient to generate nutrients at an annual rate that is greater than 0.5 nutrient units/acre, ceases to be or never becomes a significant drinking water threat, where such activity is or would be a significant drinking water threat, this activity is designated for the purposes of Section 57 of the <i>Clean Water Act, 2006</i> and is therefore prohibited.
DC-M-MC-16.4 <i>Future Land Use Planning WHPA-A-v.10</i>	To ensure any future outdoor confinement area or farm animal yard never becomes a significant drinking water threat, where such an activity would be a significant drinking water threat, the Township and the County of Dufferin, where applicable, shall amend their planning documents to prohibit future outdoor confinement areas or farm animal yards.
DC-M-CW-16.5 <i>Existing Education & Outreach WHPA-A-v.10</i>	To ensure any existing livestock grazing or pasturing, outdoor confinement area or farm animal yard ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, the Nottawasaga Valley Source Protection Authority, in collaboration with the Township, and other bodies wherever possible, shall undertake an education and outreach program, and use materials developed by the Ministry of Environment and Climate Change where possible to target existing livestock grazing or pasturing, outdoor confinement areas or farm animal yards.

6.4 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: DC-M-CW-1.1; DC-M-CW-1.2; DC-M-MC-1.3; DC-M-CW-1.17; DC-M-MC-2.6; DC-M-MC-3.1; DC-M-MC-3.6; DC-M-MC-3.7; DC-M-MC-3.12; DC-M-MC-5.5; DC-M-MC-6.3; DC-M-MC-8.3; DC-M-MC-10.3; DC-M-MC-11.3; DC-M-MC-11.4; DC-M-MC-12.4; DC-M-MC-13.3; DC-M-MC-14.3; DC-M-MC-16.4.

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: DC-M-CW-1.1; DC-M-CW-1.17; DC-M-MC-2.1; DC-M-MC-2.3, DC-M-MC-2.5; DC-M-MC-2.8; DC-M-MC-2.9; DC-M-MC-3.4; DC-M-MC-3.5; DC-M-MC-3.8; DC-M-MC-3.9; DC-M-MC-3.10; DC-M-MC-3.11; DC-M-MC-4.2; DC-M-MC-5.2; DC-M-MC-5.4; DC-M-MC-6.2; DC-M-MC-7.2; DC-M-MC-16.1.

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: DC-M-CW-1.1; DC-M-CW-1.4; DC-M-CW-1.5; DC-M-CW-1.16; DC-M-CW-1.17; DC-M-CW-2.7; DC-M-CW-3.2; DC-M-CW-3.3; DC-M-CW-4.3; DC-M-CW-5.6; DC-M-CW-6.4; DC-M-CW-7.3; DC-M-CW-8.4; DC-M-CW-9.2; DC-M-CW-10.4; DC-M-CW-11.5; DC-M-CW-12.1; DC-M-CW-13.4; DC-M-CW-14.4; DC-M-CW-16.5.

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: DC-M-CW-1.8; DC-M-CW-1.9; DC-M-CW-1.10; DC-M-CW-1.11; DC-M-CW-1.12; DC-M-NB-1.13.

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, 2006.”

Content: DC-M-CW-1.1, DC-M-CW-1.17; DC-M-CW-2.4; DC-M-CW-4.1; DC-M-CW-5.3; DC-M-CW-6.1; DC-M-CW-8.2; DC-M-CW-10.2; DC-M-CW-11.2; DC-M-CW-12.3; DC-M-CW-13.2; DC-M-CW-14.2; DC-M-CW-16.2; DC-M-CW-16.3.

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, 2006.”

Content: DC-M-CW-1.1; DC-M-CW-2.2; DC-M-CW-5.1; DC-M-CW-7.1; DC-M-CW-8.1; DC-M-CW-9.1; DC-M-CW-10.1; DC-M-CW-11.1; DC-M-CW-12.2; DC-M-CW-13.1; DC-M-CW-14.1.

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, 2006*.”

Content: DC-M-CW-1.1; DC-M-CW-1.2.

LIST J

Title: Strategic Action policies

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

Content: DC-M-NB-1.14; DC-M-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: DC-M-NB-1.6; DC-M-NB-1.7; DC-M-NB-1.13; DC-M-NB-15.1.

6.5 Appendix B: Prescribed Instrument and Policy Summary Tables

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
DC-M-CW-1.1	Conform With	X	X	X
DC-M-CW-1.17	Conform With	X		X
DC-M-MC-2.1	Must Conform	X		X
DC-M-MC-2.3	Must Conform	X		X
DC-M-MC-2.5	Must Conform	X		X
DC-M-MC-2.8	Must Conform	X		X
DC-M-MC-2.9	Must Conform	X		X
DC-M-MC-3.4	Must Conform	X		X
DC-M-MC-3.5	Must Conform	X		X
DC-M-MC-3.8	Must Conform	X		X
DC-M-MC-3.9	Must Conform	X		X
DC-M-MC-3.10	Must Conform	X		X
DC-M-MC-3.11	Must Conform	X		X
DC-M-MC-4.2	Must Conform		X	
DC-M-MC-5.2	Must Conform		X	
DC-M-MC-5.4	Must Conform		X	
DC-M-MC-6.2	Must Conform	X	X	
DC-M-MC-7.2	Must Conform		X	
DC-M-MC-16.1	Must Conform		X	

Table 2: Policy Summary Matrix

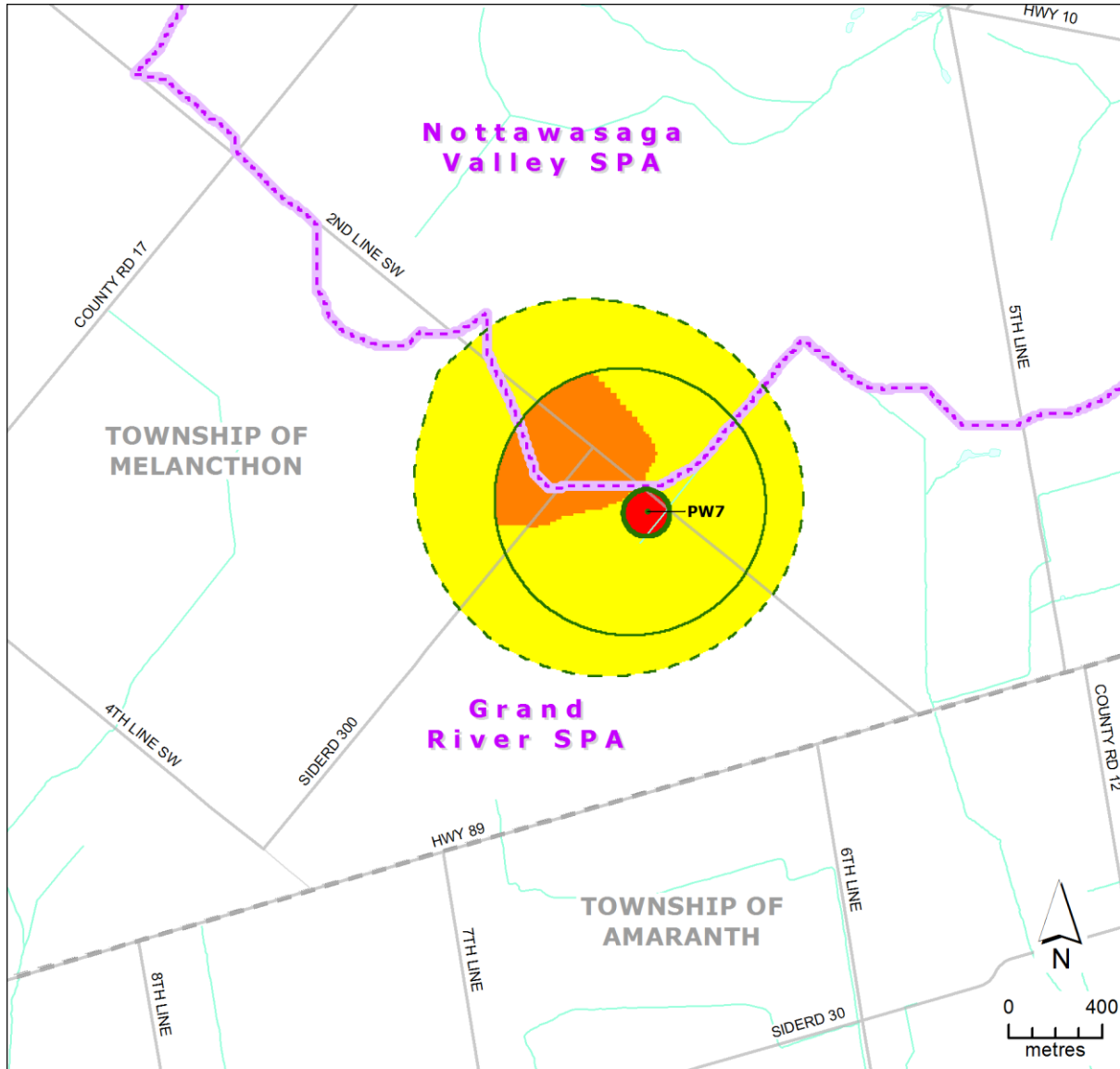
Policy ID#	Legal Effect (conform with, have regard to, non-binding)	Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)	Policy affects Prescribed Instrument decisions (Lists C and D)	Significant threat policies that impose obligations on municipalities, source protection 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)
DC-M-CW-1.1	Comply With	X	X	X		X		
DC-M-CW-1.2	Comply With	X				X		
DC-M-MC-1.3	Must Conform	X						
DC-M-CW-1.17	Comply With	X	X	X		X		
DC-M-MC-2.6	Must Conform	X						
DC-M-MC-3.1	Must Conform	X						
DC-M-MC-3.6	Must Conform	X						

Policy ID#	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)
DC-M-MC-3.7	Must Conform	X						
DC-M-MC-3.12	Must Conform	X						
DC-M-MC-5.5	Must Conform	X						
DC-M-MC-6.3	Must Conform	X						
DC-M-MC-8.3	Must Conform	X						
DC-M-MC-10.3	Must Conform	X						
DC-M-MC-11.3	Must Conform	X						
DC-M-MC-11.4	Must Conform	X						
DC-M-MC-12.4	Must Conform	X						
DC-M-MC-13.3	Must Conform	X						
DC-M-MC-14.3	Must Conform	X						
DC-M-MC-16.4	Must Conform	X						
DC-M-MC-2.1	Must Conform		X					
DC-M-MC-2.3	Must Conform		X					
DC-M-MC-2.5	Must Conform		X					
DC-M-MC-2.8	Must Conform		X					
DC-M-MC-2.9	Must Conform		X					
DC-M-MC-3.4	Must Conform		X					
DC-M-MC-3.5	Must Conform		X					
DC-M-MC-3.8	Must Conform		X					
DC-M-MC-3.9	Must Conform		X					
DC-M-MC-3.10	Must Conform		X					
DC-M-MC-3.11	Must Conform		X					
DC-M-MC-4.2	Must Conform		X					
DC-M-MC-5.2	Must Conform		X					
DC-M-MC-5.4	Must Conform		X					
DC-M-MC-6.2	Must Conform		X					
DC-M-MC-7.2	Must Conform		X					
DC-M-MC-16.1	Must Conform		X					
DC-M-CW-1.4	Comply With			X				
DC-M-CW-1.5	Comply With			X				

Policy ID#	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)
DC-M-CW-1.16	Comply With			X				
DC-M-CW-1.17	Comply With			X				
DC-M-CW-2.7	Comply With			X				
DC-M-CW-3.2	Comply With			X				
DC-M-CW-3.3	Comply With			X				
DC-M-CW-4.3	Comply With			X				
DC-M-CW-5.6	Comply With			X				
DC-M-CW-6.4	Comply With			X				
DC-M-CW-7.3	Comply With			X				
DC-M-CW-8.4	Comply With			X				
DC-M-CW-9.2	Comply With			X				
DC-M-CW-10.4	Comply With			X				
DC-M-CW-11.5	Comply With			X				
DC-M-CW-12.1	Comply With			X				
DC-M-CW-13.4	Comply With			X				
DC-M-CW-14.4	Comply With			X				
DC-M-CW-16.5	Comply With			X				
DC-M-CW-1.8	Comply With				X			
DC-M-CW-1.9	Comply With				X			
DC-M-CW-1.10	Comply With				X			
DC-M-CW-1.11	Comply With				X			
DC-M-CW-1.12	Comply With				X			
DC-M-NB-1.13	Non-Binding				X			
DC-M-CW-2.4	Comply With					X		
DC-M-CW-4.1	Comply With					X		
DC-M-CW-5.3	Comply With					X		
DC-M-CW-6.1	Comply With					X		
DC-M-CW-8.2	Comply With					X		
DC-M-CW-10.2	Comply With					X		
DC-M-CW-11.2	Comply With					X		
DC-M-CW-12.3	Comply With					X		

Policy ID#	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)
DC-M-CW-13.2	Comply With					X		
DC-M-CW-14.2	Comply With					X		
DC-M-CW-16.2	Comply With					X		
DC-M-CW-16.3	Comply With					X		
DC-M-CW-2.2	Comply With					X		
DC-M-CW-5.1	Comply With					X		
DC-M-CW-7.1	Comply With					X		
DC-M-CW-8.1	Comply With					X		
DC-M-CW-9.1	Comply With					X		
DC-M-CW-10.1	Comply With					X		
DC-M-CW-11.1	Comply With					X		
DC-M-CW-12.2	Comply With					X		
DC-M-CW-13.1	Comply With					X		
DC-M-CW-14.1	Comply With					X		
DC-M-NB-1.14	Non-Binding						X	
DC-M-NB-1.15	Non-Binding						X	
DC-M-NB-1.6	Non-Binding							X
DC-M-NB-1.7	Non-Binding							X
DC-M-NB-1.13	Non-Binding							X
DC-M-NB-15.1	Non-Binding							X

6.6 Schedule A: Dufferin County: Township of Melancthon, Shelburne Water Supply (Well PW7)



Significant Drinking Water Threat Policy Applicability

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

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 the Non-GUDI Wellhead Protection Zones shown on this map. For details refer to the text of the Source Protection Plan and the Ministry of the Environment Drinking Water Threats Tables.
 *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 the plan for further details.

Legend:

- Well
- Road
- Minor River
- Lake / Main River
- Source Protection Area Boundary
- Lower Tier Municipal Boundary
- Wellhead Protection Zones:
 - WHPA-A
 - WHPA-B
 - WHPA-C



1. Updated February 24, 2015
 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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