

4.0 NORFOLK COUNTY

The following Norfolk County Source Protection Plan policies apply to the following Norfolk County water supply systems as presented in the following Schedules A through G within the Long Point Region watershed.

- Schedule A: Delhi-Courtland Water Supply- Groundwater
- Schedule B: Simcoe Well Supply- Issue Contributing Areas
- Schedule C: Simcoe Well Supply- Northwest Wellfield
- Schedule D: Simcoe Well Supply- Cedar St. & Chapel St. Wellfields
- Schedule E: Simcoe Well Supply – Cedar St. & Chapel St. Wellfields – Water Quantity
- Schedule F: Tillsonburg Water Supply- Southeast Wellfields within Norfolk County
- Schedule G: Waterford Well Supply

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 Norfolk County Source Protection Policies.

County– means the Corporation of Norfolk County.

Existing – means an activity that has started or has been engaged in at a location in a vulnerable area before the Source Protection Plan takes effect.

New or Future – means an activity that takes place at a location in a vulnerable area after the Source Protection Plan takes effect, where that activity has never taken place before, or is not an existing activity.

4.2 Norfolk County Source Protection Plan Policies

Policy Number	Source Protection Plan Policies within Norfolk County
Implementation Timing and Transitional Policies	
NC-CW-1.1.1 <i>Implement. & Timing</i>	This source protection plan came into effect on July 1, 2016, the effective date specified in the Notice of Approval posted on the Environmental Bill of Rights Registry. Amendments to the Source Protection Plan are permitted in accordance with the <i>Clean Water Act, 2006</i> , and the General Regulations. The effective date for amended policies, only including but not limited to the addition of new drinking water threats and regulated areas and activities, is the date of posting of the Notice of Approval of the amendment provisions on the Environmental Bill of Rights Registry.
NC-CW-1.1.2 <i>Implement. & Timing</i>	<p>Except as set out below, the policies contained in this Source Protection Plan shall come into effect on the date set by the Minister.</p> <p>a. For Section 57 of the <i>Clean Water Act, 2006</i> if an activity was engaged in at a particular location before the relevant policies within this Source Protection Plan took effect, policies regarding prohibited activities do not apply to a person who engages in the activity at that location until 180 days from the date the Source Protection Plan comes into full force and effect;</p>

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	<ul style="list-style-type: none"> b. For Section 58 of the <i>Clean Water Act, 2006</i> if an activity was engaged in at a particular location before the relevant policies within this Source Protection Plan took effect and the Risk Management Official gives notice to a person who is 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 the notice; c. For Section 59 of the <i>Clean Water Act, 2006</i> policies regarding restricted land uses shall come into effect the same day the relevant policies within Source Protection Plan comes into effect; d. Where the Source Protection Policies require the County and/or the Conservation Authority 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 relevant policies within Source Protection Plan comes into full force and effect. e. For Section 43 of the <i>Clean Water Act, 2006</i> if an activity was engaged in at a particular location before the relevant policies within this Source Protection Plan took effect, amendments to Prescribed Instruments shall be completed within three (3) years from the date the Source Protection Plan or amendment comes into effect; f. For Section 40 and 42 of the <i>Clean Water Act, 2006</i> the Official Plan must be amended and adopted by Council to conform with the significant threat policies within five (5) years from the date of the relevant policies within the Source Protection Plan comes into effect or the next Official Plan review required under Section 26 of the <i>Planning Act</i> and the Zoning By-law within three (3) years from the adoption of the Official Plan conformity amendment.
NC-CW-1.2. <i>Transition</i>	<p>Despite the definition of “existing”, for the purposes of this Plan, where one or more of the following:</p> <ul style="list-style-type: none"> a. A complete application for development under the <i>Planning Act</i> or <i>Condominium Act</i>; b. An application for Environmental Compliance Approval; or c. An application for a Building Permit <p>has been received by the applicable implementing body prior to the final approval date of this Source Protection Plan, a related significant drinking water threat may be permitted subject to the policies pertaining to existing threats. Where the above noted applications have lapsed or been withdrawn, the above noted transition policies no longer apply.</p>
Uses and Areas Designated as Restricted Land Uses	
NC-CW-1.3 <i>Part IV- Restricted Land Uses</i>	<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 purpose of Section 57 or Section 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 shall be required prior to approval of any Building Permit or <i>Planning 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 purposes of Section 59 if the applicant can demonstrate to the satisfaction of the planning authority or the Chief Building Official, as the case may be, that a</p>

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	significant drinking water threat activity designated for the purposes of Section 57 or 58 will not be engaged in.
Official Plan and Zoning By-law Amendment(s) Policies	
NC-MC-1.4 <i>Future Land Use Planning</i>	Norfolk County shall amend the Official Plan and the Zoning By-Law to: <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 policies in the Source Protection Plan; 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	
NC-CW-1.5 <i>Existing/Future Education & Outreach</i>	The County, in collaboration with other bodies wherever possible, may develop and implement education and outreach programs directed at any, or all, significant drinking water threats, where such programs are deemed necessary and/or appropriate by the County and subject to available funding. Such programs may include, but not necessarily be limited to, increasing awareness and understanding of drinking water threats and promotion of best management practices.
Incentive Programs	
NC-NB/CW-1.6 <i>Existing/Future Incentive</i>	The Conservation Authority, and/or County, in collaboration with other implementing bodies and levels of government wherever possible, may develop and implement incentive programs directed at various significant threat activities where such programs are deemed necessary and/or appropriate by the Conservation Authority and/or County, subject to available funding.
NC-NB-1.7 <i>Existing/Future Incentive</i>	The Ministry of the Environment, Conservation and Parks 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 the Ontario Drinking Water Stewardship Program and the Rural Water Quality Program.
NC-NB-1.8 <i>Existing/Future Incentive</i>	To reduce the risks to drinking water from the following existing and future activities, where such activities are or would be significant drinking water threats, the Long Point Region Conservation Authority, in consultation with the County, will deliver available cost share incentive programs, as long as the Long Point Region 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	
NC-CW-1.9 <i>Monitoring</i>	The County 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. Where the County is required to implement education and outreach programs as the primary means of managing the risk associated with significant drinking water

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	threats, the County shall provide a report to the Source Protection Authority indicating, at minimum, the properties where these programs were implemented and additional details on how the significant drinking water threat was managed and/or ceased to be significant.
NC-CW-1.10 <i>Monitoring</i>	Where the County is required to amend its Official Plan and/or Zoning By-law to bring their planning documents into conformity with the Source Protection Plan, the County shall provide proof of compliance to the Source Protection Authority and shall provide a copy of such compliance within 30 days of final approval of the amendment(s).
NC-CW-1.11 <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 Plan policies, in accordance with the Clean Water Act, 2006 and associated regulations.
NC-CW-1.12 <i>Monitoring</i>	Where the Source Protection Plan policies may result in amendments to an existing 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.
NC-CW-1.13 <i>Monitoring</i>	Where the Source Protection Plan policies prohibit an activity that results in a denial of 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.
Strategic Action	
Spill Prevention, Spill Contingency or Emergency Response Plans	
NC-NB-1.15 <i>Existing/Future Specify Action</i>	To ensure that 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 WHPA or IPZ along highways, railway lines or shipping lanes, <ul style="list-style-type: none"> a. The County is requested to incorporate the location of WHPAs and IPZs into their emergency response plans in order to protect drinking water sources when a spill occurs along highways, rail lines or shipping lanes. 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	
NC-NB-1.16 <i>Existing/Future Specify Action</i>	To achieve the intent of the <i>Clean Water Act, 2006</i> the County is requested to support ongoing programs which encourage the decommissioning of abandoned wells as per O. Reg. 903 where such activities could be a significant drinking water threat.
Environmental Compliance Approvals and Consultation with County	
NC-NB-1.17 <i>Existing/Future Specify Action</i>	The Ministry of Environment should, collaboratively with the County, develop a consultation process related to document sharing and consultation on the issuance and/or notification of prescribed instruments, which could be used to guide information exchange between the two agencies to protect municipal drinking water sources.

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Interpretation	
NC-CW-1.18 <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 and Circumstances (swpip.ca), <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 County.

4.3 Policies Addressing Prescribed Drinking Water Threats

Policy Number	Source Protection Plan Policies within Norfolk County
1. Establishment, Operation or Maintenance of a Waste Disposal Site, within the Meaning of Part V of the <i>Environmental Protection Act</i>	
NC-MC-2.1 <i>Existing Prescribed Instr. WHPA-A- v. 10; WHPA-B- v. 8; WHPA-B- v. 10; WHPA-C- v. 8; IPZ- 1-v.9; ICA(NIT)</i>	<p>To ensure that 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 this activity is a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall review, and if necessary, amend Environmental Compliance Approvals to ensure that terms and conditions are incorporated that, when implemented, ensure that the waste disposal site is managed to reduce the risk to municipal drinking water sources.</p> <p>The terms and conditions may include, as appropriate, ongoing monitoring and leak/contamination detection, capture, and treatment methods, as well as run-off prevention techniques completed by the proponent.</p>
NC-CW-2.2 <i>Existing Part IV-RMP WHPA-A- v. 10</i>	<p>To ensure that 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 under Part V of the <i>Environmental Protection Act</i>, ceases to be a significant drinking water threat, where this activity is a significant drinking water threat, within a WHPA-A 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>
NC-MC-2.3 <i>Future Prescribed Instr. WHPA-A- v. 10; WHPA-B- v. 8; WHPA-B- v. 10; WHPA-C- v. 8;</i>	<p>To ensure that 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 this activity would be a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall prohibit this activity within the Environmental Compliance Approvals process.</p>

Policy Number	Source Protection Plan Policies within Norfolk County
IPZ- 1-v.9; ICA(NIT)	
NC-CW-2.4 a)Future Part IV-Prohibit WHPA-A- v.10 b)Existing/Future Part IV-RMP WHPA-B- v.8; WHPA-B- v.10; WHPA-C-v.8; IPZ- 1-v.9 ICA(NIT) (outside WHPA-A)	To ensure that the establishment, operation or maintenance of a 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 or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, <ol style="list-style-type: none"> Future activities shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> within a WHPA-A and shall be prohibited. Existing and Future 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 within a WHPA-B or C with a vulnerability score greater than or equal to eight (8) and an IPZ with a vulnerability score equal to nine (9) and a Nitrate ICA outside of a WHPA-A.
2. Establishment, Operation or Maintenance of a System That Collects, Stores, Transmits, Treats or Disposes of Sewage	
Sewage System or Sewage Works – Onsite Sewage Systems and Onsite Sewage Systems Holding Tanks	
NC-CW-3.1 Existing/Future Specify Action WHPA-A- v.10; WHPA-B- v.10; ICA(NIT)	To ensure that any existing or new onsite sewage system and/ or onsite sewage system holding tank with a design flow of less than or equal to 10,000 Litres per day and subject to approval 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 this activity is, or would be, a significant drinking water threat, the County shall implement an onsite sewage 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.
NC-MC-3.2 Future Land Use Planning/Specify Action WHPA-A- v.10; WHPA-B- v.10; ICA(NIT)	To ensure that any replacement or new onsite sewage system and/ or onsite sewage system holding tank with a design flow of less than or equal to 10,000 Litres per day and subject to approval under the <i>Ontario Building Code Act</i> or the <i>Ontario Water Resources Act</i> never becomes a significant drinking water threat, the County shall amend their Official Plan and Zoning By-law to direct land uses relying on these activities to a location on the same property where these activities would not be a significant drinking water threat, where possible. Further, the County shall assess the option of identifying preferred systems (e.g. tertiary treatment) for development.
NC-MC-3.3 Existing Prescribed Instr. WHPA-A- v.10; WHPA-B- v.10; ICA(NIT)	To ensure that an existing onsite sewage system and/ or onsite sewage system holding tank 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 a significant drinking water threat, where this activity is a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall review and, if necessary, amend Environmental Compliance Approvals to incorporate terms and conditions that, when implemented, ensure that these onsite sewage systems are managed to reduce the risk to drinking water sources. 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 onsite sewage systems to current standards, if necessary. In addition, the terms and conditions may include annual reporting to the County of any monitoring and inspection programs required and their results.

Policy Number	Source Protection Plan Policies within Norfolk County
NC-MC-3.4 <i>Future Land Use Planning WHPA-A- v.10; WHPA-B- v.10; ICA(NIT)</i>	To ensure that the establishment of a new onsite sewage system and/ or onsite sewage system holding tank with a design flow of greater than 10,000 Litres per day and regulated under the <i>Ontario Water Resources Act</i> never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, the County shall amend their Official Plan and Zoning By-law to prohibit new development which relies on this type of onsite sewage system.
Sewage System or Sewage Works- Sanitary Sewers and Related Pipes	
NC-MC-3.5 <i>Existing/Future Prescribed Instr. WHPA-A- v.10; WHPA-B- v.10; ICA(NIT)</i>	To ensure that existing or new sanitary sewer and related pipe cease to be or never become a significant drinking water threat, where this activity is, or would be, a significant drinking water threat the Ministry of the Environment, Conservation and Parks shall ensure that Environmental Compliance Approvals, where required, be prepared and, if necessary, be amended to incorporate terms and conditions that, when implemented, will reduce the risks to the municipal drinking water sources. The terms and conditions may include requirements for regular maintenance and inspections conducted by the proponent.
Sewage System or Sewage Works- Sewage Storage - Treatment or Holding Tanks Sewage System or Sewage Works- Treatment Plant Effluent Discharges (includes lagoons) Sewage System or Sewage Works- Combined Sewer Discharge from a Stormwater Outlet to Surface Sewage System or Sewage Works- Industrial Effluent Discharges Sewage System or Sewage Works- Treatment Plant By-pass Discharge to Surface Water	
NC-MC-3.6 <i>Future Prescribed Instr. WHPA-A- v.10; WHPA-B- v.10; WHPA-C-v.8; WHPA-C-v.8; IPZ- 1-v.9; ICA(NIT)</i>	To ensure that the future storage of sewage, treatment plant effluent discharges, combined sewer discharge from a stormwater outlet, industrial effluent discharges and/or sewage treatment plant by-pass discharge to surface water never become a significant drinking water threat, where these activities would be a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall prohibit these activities within the Environmental Compliance Approval process.
NC-CW-3.7 <i>Existing Specify Action WHPA-A- v.10; WHPA-B- v.10; WHPA-B-v.8; WHPA-C-v.8; IPZ- 1-v.9</i>	To ensure that the existing storage of sewage and/or sewage treatment plant effluent discharges cease to be significant drinking water threats, where such activities are significant drinking water threats, the County shall promote available programs, such as the Grand River Watershed Wastewater Optimization Program.
NC-MC-3.8 <i>Existing Prescribed Instr. WHPA-A- v.10; WHPA-B- v.10; WHPA-B-v.6; WHPA-C-v.8; IPZ- 1-v.9</i>	To ensure that combined sewer discharge from a stormwater outlet, industrial effluent discharges and/or sewage treatment plant by-pass discharge to surface water cease to be significant drinking water threats, where such activities are significant drinking water threats, the Ministry of the Environment, Conservation and Parks shall review, and if necessary, amend Environmental Compliance Approvals to incorporate terms and conditions that, when implemented, will reduce the risks to municipal drinking water sources.
Sewage System or Sewage Works- Discharge from a Stormwater Management Facility	
NC-MC-3.9 <i>Existing/Future Prescribed Instr. WHPA-A-v.10; WHPA-B-v.10; IPZ-1-9 ICA(NIT)</i>	To ensure that any existing or new stormwater management facility that discharges stormwater never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall review and, if necessary, amend Environmental Compliance Approvals to incorporate terms and conditions (for example: regular maintenance) that, when implemented, will reduce the risks to municipal drinking water sources.
3. The Application of Agricultural Source Material to Land	

Policy Number	Source Protection Plan Policies within Norfolk County
4. The Storage of Agricultural Source Material	
NC-CW-4.1 <i>Existing/Future Part IV-RMP WHPA-B-v.10</i>	To ensure that the existing or future application and storage of agricultural source material to land cease to be or never become significant drinking water threats, for lands not phased-in under the <i>Nutrient Management Act</i> within a WHPA-B with a vulnerability score equal to ten (10), 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 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.
NC-MC-4.2. <i>Existing/Future Prescribed Instr. WHPA-B-v.10</i>	To ensure that the existing or future application and storage of agricultural source material to land phased-in under the <i>Nutrient Management Act</i> within a WHPA-B with a vulnerability score equal to ten (10) ceases to be or never becomes a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs shall review and, if necessary, amend the Nutrient Management Plan/Strategy to incorporate measures and/or terms and conditions that, when implemented, will reduce the risks to municipal drinking water sources.
NC-CW-4.3 <i>Existing/Future Part IV-Prohibit WHPA-A-v.10; IPZ-1-v.9</i>	To ensure that the existing or future application and storage of agricultural source material to land within a WHPA-A or IPZ with a vulnerability score equal to nine (9) ceases to be or 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.
NC-CW-4.4 <i>Existing/Future Education&Outreach WHPA-A-v.10; WHPA-B-v.10; ICA (NIT); IPZ-1-v.9</i>	To ensure that the existing or future application or 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 County shall develop and implement an education and outreach program targeted to individuals storing and applying agricultural source material to land within vulnerable areas.
6. The Application of Non-Agricultural Source Material (NASM)	
7. The Handling and Storage of Non-Agricultural Source Material (NASM)	
NC-MC-5.1 <i>Existing/Future Prescribed Instr. WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.9</i> <i>In the Delhi and Waterford well systems policy only applies to the application of NASM from a meat plant or sewage works</i>	To ensure that the existing and future application of non-agricultural source material to land within a WHPA-A or B with a vulnerability score equal to ten (10) or IPZ with a vulnerability score equal to nine (9) ceases to be or never becomes a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs or the Ministry of the Environment, Conservation and Parks, as applicable, shall revoke, or not approve, any Non-Agricultural Source Material (NASM) Plan, in accordance with the <i>Nutrient Management Act</i> , or any activity within the Environmental Compliance Approval process in accordance with the <i>Environmental Protection Act</i> that permits, or would permit, the application of non-agricultural source material within these vulnerable areas.
NC-CW-5.2 <i>Existing/Future Education&Outreach WHPA-A-v.10; WHPA-B-v.10; ICA(NIT); IPZ-1-v.9</i>	To ensure that the existing or future application or storage of non-agricultural source material on land ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the County shall develop and implement an education and outreach program targeted to individuals storing and applying non-agricultural source material to land within vulnerable areas to ensure that those individuals engaged in the activity are educated in methods to reduce the risk to drinking water sources.

Policy Number	Source Protection Plan Policies within Norfolk County
NC-MC-5.3 <i>Existing Prescribed Instr. WHPA-A-v.10; WHPA-B-v.10</i>	To ensure that the existing handling and storage of non-agricultural source material within a WHPA-A or B with a vulnerability score equal to ten (10) ceases to be a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs, or Ministry of the Environment, Conservation and Parks, as applicable, shall review and, if necessary, amend 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> , to incorporate measures and/or terms and conditions that, when implemented, will reduce the risks to municipal drinking water sources.
NC-MC-5.4 <i>Future Part IV-Prohibit WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.9</i>	To ensure that any new facility for the handling and storage of non-agricultural source material on lands within a WHPA-A or B with a vulnerability score equal to ten (10) or IPZ with a vulnerability score equal to nine (9) never becomes 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.
8. The Application of Commercial Fertilizer to Land	
NC-CW-6.1 <i>Existing/Future Part IV-RMP WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.9</i> <i>Currently does not apply to the application of commercial fertilizer in the Delhi and Waterford well systems due to managed land and livestock density calculations</i>	To ensure that the existing and future application of commercial fertilizer to land within a WHPA-A or B with a vulnerability score equal to ten (10) or IPZ with a vulnerability score equal to nine (9) 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.
NC-CW-6.2 <i>Existing/Future Education&Outreach WHPA-A-v.10; WHPA-B-v.10; ICA(NIT); IPZ-1-v.9</i>	To ensure that the existing or future application of commercial fertilizer to land ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the County shall develop and implement an education and outreach program targeted to individuals applying commercial fertilizer to land within vulnerable areas to ensure that those individuals engaged in the activity are educated in methods to reduce the risk to drinking water sources.
9. The Handling and Storage of Commercial Fertilizer	
NC-CW-7.1 <i>Existing Part IV-RMP WHPA-A-v.10; WHPA-B-v.10; ICA(NIT)</i>	To ensure that any existing handling and storage of more than 2,500 Kilograms of commercial fertilizer as defined in O.Reg. 267/03, under the <i>Nutrient Management Act</i> ceases to be a significant drinking water threat, where this 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.
NC-CW-7.2 <i>Future Part IV-Prohibit WHPA-A-v.10; WHPA-B-v.10; ICA(NIT)</i>	To ensure that any future handling and storage of more than 2,500 Kilograms of commercial fertilizer as defined in O.Reg. 267/03 under the <i>Nutrient Management Act</i> 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.
10. The Application of Pesticide to Land	

Policy Number	Source Protection Plan Policies within Norfolk County
NC-CW-8.1 <i>Existing/Future Part IV-RMP WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.9</i>	To ensure that any existing or future application of pesticides 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.
NC-CW-8.2 <i>Existing/Future Education&Outreach WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.9</i>	To ensure that the existing or future application of pesticides ceases to be or never becomes a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the County shall develop and implement an education and outreach program targeted to individuals applying pesticides to land within vulnerable areas to ensure that those individuals engaged in the activity are educated in methods to reduce the risk to drinking water sources.
11. The Handling and Storage of Pesticides	
NC-CW-9.1 <i>Existing Part IV – RMP WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.9</i>	To ensure that any existing handling and storage of pesticides ceases to be a significant drinking water threat, where this 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.
NC-CW-9.2 <i>Future Part IV – Prohibit WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.9</i>	To ensure that the future handling and storage of pesticides never become 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.
13. The Handling and Storage of Road Salt	
NC-CW-10.1 <i>Existing Part IV – RMP WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.9</i>	To ensure that the existing handling and storage of road salt greater than 5,000 tonnes ceases to be a significant drinking water threat, where this 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.
NC-CW-10.2 <i>Future Part IV – Prohibit WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.9</i>	To ensure any new handling and storage of road salt greater than 5,000 tonnes 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.
14. The Storage of Snow	
NC-CW-11.1 <i>Existing/Future Part IV – Prohibit WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.9 ICA(NIT)</i>	To ensure that any existing or new 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, this activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
15. The Handling and Storage of Fuel	
NC-CW-12.1 <i>Existing Part IV – RMP WHPA-A-v.10; WHPA-B-v.10</i>	To ensure that the existing handling and storage of fuel with a volume of more than 250 Litres ceases to be a significant drinking water threat, where this 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.
NC-CW-12.2	To ensure that the existing and future handling and storage of fuel with a volume of more than 250 Litres but not more than 2500 Litres, ceases to be or never becomes

Policy Number	Source Protection Plan Policies within Norfolk County
Existing/Future Education&Outreach WHPA-A-v.10; WHPA-B-v.10	a significant drinking water threat, where this activity is, or would be, a significant drinking water threat, the County shall develop and implement an education and outreach program for property owners with identified fuel oil tanks outlining the requirements of owning a heating oil system including proper maintenance and the steps to be taken if there is a spill or leak detected.
NC-CW-12.3 i)Future Part IV – Prohibit WHPA-A-v.10 ii)Future Part IV – RMP WHPA-A-v.10 (emergency back-up generators)	To ensure that any new handling and storage of fuel within WHPA-A never becomes a significant drinking water threat, where this activity would be a significant drinking water threat, i. This activity shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited. ii. Notwithstanding policy NC-CW-12.3a), fuel handling and storage required for emergency back-up generators 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.
NC-CW-12.4 Future Part IV – RMP WHPA-B-10	To ensure that the future handling and storage of fuel within WHPA-B with a vulnerability score equal to ten (10) with a volume of more than 250 Litres never becomes a significant drinking water threat, where this 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.
16. The Handling and Storage of a Dense Non-Aqueous Phase Liquid (DNAPL)	
NC-CW-13.1 Existing Part IV – RMP WHPA-A/B/C	To ensure that any existing handling and storage of a dense non-aqueous phase liquid for industrial, commercial, institutional and agricultural purposes ceases to be a significant drinking water threat, where this 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.
NC-CW-13.2 Future Part IV – Prohibit WHPA-A-v.10; WHPA-B-v.10	To ensure that any new handling and storage of a dense non-aqueous phase liquid for industrial, commercial institutional and agricultural purposes within WHPA-A or B with a vulnerability score equal to ten (10) never becomes 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.
NC-CW-13.3 Future Part IV – RMP WHPA-B; WHPA-C	To ensure that any new handling and storage of a dense non-aqueous phase liquid for industrial, commercial, institutional and agricultural purposes never becomes a significant drinking water threat, within a WHPA-B with a vulnerability score less than (10) or WHPA-C, 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.
NC-CW-13.4 Existing/Future Education&Outreach WHPA-A/B/C	To ensure that 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 this activity is, or would be, a significant drinking water threat, the County shall implement an education and outreach program to encourage the use of alternative products where available and the proper disposal of these liquids.
17. The Handling and Storage of an Organic Solvent	
NC-CW-14.1 Existing Part IV – RMP WHPA-A-v.10; WHPA-B-v.10	To ensure that the existing handling and storage of an organic solvent ceases to be a significant drinking water threat, where this 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	Source Protection Plan Policies within Norfolk County
NC-CW-14.2 <i>Future Part IV – Prohibit WHPA-A-v.10; WHPA-B-v.10</i>	To ensure that any new handling and storage of an organic solvent 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.
18. The Management of Runoff that Contains Chemicals Used in De-icing of Aircraft	
NC-CW-15.1 <i>Future Part IV – RMP WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.9</i>	To ensure that any new airport where there could be runoff containing de-icing chemicals 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 58 of the <i>Clean Water Act, 2006</i> and a Risk Management Plan shall be required.
21. The Use of Land as Livestock Grazing or Pasturing Land, an Outdoor Confinement Area or Farm Animal Yard	
NC-CW-16.1 <i>Existing/Future Part IV-RMP WHPA-A-v.10; WHPA-B-v.10; IPZ-1-v.9</i>	To ensure that the existing or future use of land for livestock grazing or pasturing located within a WHPA-A or B with a vulnerability score equal to ten (10) or IPZ with a vulnerability score equal to nine (9) ceases to be or never becomes a significant drinking water threat, where these activities are, or would be, a significant drinking water threat, 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.
NC-CW-16.2 <i>Future Part IV-Prohibit WHPA-A-v.10; IPZ-1-v.9</i>	To ensure that any new farm animal yard or outdoor confinement area located within a WHPA-A or IPZ with a vulnerability score equal to nine (9) never become a significant drinking water threat, where these activities would be a significant drinking water threat, these activities shall be designated for the purpose of Section 57 of the <i>Clean Water Act, 2006</i> and shall be prohibited.
NC-CW-16.3 <i>Existing/Future Part IV-RMP WHPA-A-v.10; WHPA-B-v.10;</i>	<p>To ensure that a farm animal yard or an outdoor confinement area as defined in O. Reg. 267/03 under the <i>Nutrient Management Act</i> for:</p> <ul style="list-style-type: none"> i) an existing livestock operation not phased-in under the <i>Nutrient Management Act</i> within a WHPA-A; or, ii) a new livestock operation not phased-in under the <i>Nutrient Management Act</i> within a WHPA-B with a vulnerability score equal to ten (10), <p>ceases to be or never becomes a significant drinking water threat, 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 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>
NC-MC-16.4 <i>Existing/Future Prescribed Instr. WHPA-B-v.10</i>	To ensure that a farm animal yard or an outdoor confinement area as defined in O. Reg. 267/03 under the <i>Nutrient Management Act</i> , for an existing or new livestock operation requiring a Nutrient Management Plan or Strategy in accordance with the <i>Nutrient Management Act</i> within a WHPA-B with a vulnerability score equal to ten (10) ceases to be or never becomes a significant drinking water threat, the Ministry of Agriculture, Food and Rural Affairs shall review and, if necessary, amend the required Nutrient Management Plan/Strategy to ensure that such Plan/Strategy incorporates measures and/or terms and conditions deemed necessary to ensure that these activities do not become a risk to municipal drinking water sources.

Policy Number	Source Protection Plan Policies within Norfolk County
NC-CW-16.5 <i>Existing/Future Education&Outreach WHPA-A-v.10; WHPA-B-v.10; ICA(NIT); IPZ-1-v.9</i>	To ensure that the use of land for livestock grazing, pasturing, farm animal yard or an outdoor confinement area for existing or new livestock operations ceases to be or never becomes a significant drinking water threat, where these activities are, or would be, a significant drinking water threat, the County shall develop and implement an education and outreach program targeted to farms with livestock grazing, pasturing, farm animal yards or outdoor confinement areas within vulnerable areas to ensure that those individuals engaged in the activity are educated in methods to 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	
NC-MC-17.1 <i>Existing/Future Prescribed Instr. WHPA-Q1</i>	To ensure that any existing, increased or new consumptive water taking within the WHPA-Q1 with a significant risk level ceases to be or never becomes a significant drinking water threat, the Ministry of the Environment, Conservation and Parks shall ensure that groundwater Permit To Take Water approvals include appropriate terms and conditions to ensure the long-term sustainability. The Ministry should consider the following condition for inclusion - a phased approach to assess impacts before the permit is fully approved and the requirement for appropriate monitoring.
NC-MC-17.2 <i>Future Land Use Planning WHPA-Q1 + Service Area</i>	When planning for growth and approving development that is to be serviced by an existing municipal well located within a WHPA-Q1 with a significant risk level, the municipality shall ensure that Planning Act decisions consider the long-term sustainability of the municipal drinking water system by: <ul style="list-style-type: none"> a. ensuring the development and any required expansion of the municipal drinking water system is consistent with the Integrated Sustainable Master Plan, including the water allocation threshold; and, b. consulting with the Ministry of the Environment, Conservation and Parks to discuss any necessary amendments to the Permit to Take Water.
NC-CW-17.3 <i>Existing/Future Specify Action WHPA-Q1</i>	To ensure that any existing and future consumptive water taking within the WHPA-Q1 with a significant risk level ceases to be or never becomes a significant drinking water threat, Norfolk County is encouraged to consider locating additional water supply outside of the WHPA-Q1 where practical.
NC-CW-17.4 <i>Existing/Future Specify Action WHPA-Q1</i>	To ensure that any existing and future consumptive water taking within the WHPA-Q1 with a significant risk level ceases to be or never becomes a significant drinking water threat, Norfolk County shall update their Integrated Sustainable Master Plan using the findings from the Long Point Region Tier 3 Water Budget and Local Area Risk Assessment to ensure water allocation does not exceed 80% of the water supply system's firm capacity.
NC-CW-17.5 <i>Existing/Future Specify Action WHPA-Q1+ Service Area</i>	To ensure that any existing and future consumptive water takings within the WHPA-Q1 with a significant risk level ceases to be or never becomes a significant drinking water threat, Norfolk County shall update their water conservation plans using the findings from the Long Point Region Tier 3 Water Budget and Local Area Risk Assessment to support the sustainable use of water in areas serviced by a well located within the WHPA-Q1.
NC-NB-17.6 <i>Existing/Future Specify Action WHPA-Q1</i>	To ensure that any existing and future consumptive water taking within the WHPA-Q1 with a significant risk level ceases to be or never becomes a significant drinking water threat, the Ministry of the Environment, Conservation and Parks should

Policy Number	Source Protection Plan Policies within Norfolk County
	support and fund the ongoing maintenance of the Long Point Region Tier 3 Water Budget model.
NC-NB-17.7 <i>Existing/Future Specify Action WHPA-Q1</i>	To ensure that any existing and future consumptive water taking within the WHPA-Q1 with a significant risk level ceases to be or never becomes a significant drinking water threat, the Ministry of the Environment, Conservation and Parks is encouraged to fund Norfolk County municipal capacity to support water management decisions and updates to their Integrated Sustainable Master Plan.
NC-NB-17.8 <i>Existing/Future Specify Action WHPA-Q1</i>	To ensure that any existing and future consumptive water taking within the WHPA-Q1 with a significant risk level ceases to be or never becomes a significant drinking water threat, the Ministry of the Environment, Conservation and Parks should use findings from the Long Point Region, Catfish Creek and Kettle Creek Tier 2 Water Quantity Stress Assessment and the Long Point Region Tier 3 Water Budget and Local Area Risk Assessment to reassess the High Water Use Designation for Norfolk County.
NC-NB-17.9 <i>Existing/Future Specify Action WHPA-Q1</i>	To ensure that any existing and future consumptive water taking within the WHPA-Q1 with a significant risk level ceases to be or never becomes a significant drinking water threat, the Ministry of the Environment, Conservation and Parks should consider the prioritization of water uses in Simcoe where a permitted water taking could impact the sustainability of the municipal water supply given challenges in locating new water supplies in Norfolk County.
NC-CW-17.10 <i>Existing/Future Education&Outreach WHPA-Q1</i>	To ensure that any existing and future consumptive water taking within the WHPA-Q1 with a significant risk level ceases to be or never becomes a significant drinking water threat, Norfolk County shall develop and implement an education and outreach program targeted toward property and business owners within the vulnerable area.
20. An Activity That Reduces the Recharge of an Aquifer	
NC-MC-18.1 <i>Existing/Future Land Use Planning WHPA-Q2</i>	To ensure that any existing and future activity that reduces the recharge of an aquifer within the WHPA-Q2 with a significant risk level ceases to be or never becomes a significant drinking water threat, Norfolk County is encouraged to maintain pre-development recharge where appropriate.
22. The Establishment and Operation of a Liquid Hydrocarbon Pipeline	
NC-NB-19.1 <i>Future Specify Action WHPA-A-10; WHPA-B-10 Monitoring</i>	To ensure that the the establishment and operation of a liquid hydrocarbon pipeline within the meaning of Ontario Regulation 210/01 under the <i>Technical Safety and Standards Act</i> or that is subject to the <i>National Energy Board Act</i> , never becomes a significant drinking water threat, 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 County the location of any new proposed pipeline within the County and/or Source Protection Area. The Source Protection Authority should document in the annual report the number of new pipelines proposed within vulnerable areas if a pipeline has been proposed and/or application has been received.

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: NC-CW-1.1.1, NC-CW-1.1.2, NC-CW-1.2, NC-CW-1.3, NC-MC-1.4, NC-MC-3.2 NC-MC-3.4, NC-MC-17.2, NC-MC-18.1

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: NC-CW-1.1.1, NC-CW-1.1.2, NC-CW-1.2, NC-MC-2.1, NC-MC-2.3, NC-MC-3.3, NC-MC-3.5, NC-MC-3.6, NC-MC-3.8, NC-MC-3.9, NC-MC-4.2, NC-MC-5.1, NC-MC-5.3, NC-MC-17.1, NC-MC-16.4

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: NC-CW-1.1.1, NC-CW-1.1.2, NC-CW-1.2, NC-CW-1.5, NC-NB/CW-1.6, NC-CW-1.18, NC-CW-3.1, NC-MC-3.2, NC-CW-3.7 NC-CW-4.4, NC-CW-5.2, NC-CW-6.2, NC-CW-8.2, NC-CW-12.2, NC-CW-13.4, NC-MC-17.2, NC-CW-17.3, NC-CW-17.4, NC-CW-17.5, NC-CW-17.10, NC-MC-18.1, NC-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: NC-CW-1.9, NC-CW-1.10, NC-CW-1.11, NC-CW-1.12, NC-CW-1.13, NC-NB-19.1

LIST G

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

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

Content: NC-CW-1.1.1, NC-CW-1.1.2, NC-CW-2.4a, NC-CW-4.3, NC-CW-5.4, NC-CW-7.2, NC-CW-9.2, NC-CW-10.2, NC-CW-11.1, NC-CW-12.3i, NC-CW-13.2, NC-CW-14.2, NC-CW-16.2

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: NC-CW-1.1.1, NC-CW-1.1.2, NC-CW-2.2, NC-CW-2.4b, NC-CW-4.1, NC-CW-6.1, NC-CW-7.1, NC-CW-8.1, NC-CW-9.1, NC-CW-10.1, NC-CW-12.1, NC-CW-12.3ii, NC-CW-12.4, NC-CW-13.1, NC-CW-13.3, NC-CW-14.1, NC-CW-15.1, NC-CW-16.1, NC-CW-16.3

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: NC-CW-1.1.1, NC-CW-1.1.2, NC-CW-1.3

LIST J

Title: Strategic Action policies

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

Content: NC-NB-1.15, NC-NB-1.16, NC-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: NC-NB/CW-1.6, NC-NB-1.7, NC-NB-1.8, NC-NB-1.17, , NC-NB-17.6, NC-NB-17.7, NC-NB-17.8, NC-NB-17.9, NC-CW-19.1

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 (conform with, have regard to)	Environmental Protection Act	Nutrient Management Act	Ontario Water Resources Act
NC-CW-1.1.1	Comply With	X	X	X
NC-CW-1.1.2	Comply With	X	X	X
NC-CW-1.2	Comply With	X		X
NC-MC-2.1	Must Conform	X		X
NC-MC-2.3	Must Conform	X		X
NC-MC-3.3	Must Conform	X		X
NC-MC-3.5	Must Conform	X		X
NC-MC-3.6	Must Conform	X		X
NC-MC-3.8	Must Conform	X		X
NC-MC-3.9	Must Conform	X		X
NC-MC-4.2	Must Conform		X	
NC-MC-5.1	Must Conform	X	X	
NC-MC-5.3	Must Conform	X	X	
NC-MC-16.4	Must Conform		X	
NC-MC-17.1	Must Conform			X

Table 2: Policy Summary Matrix

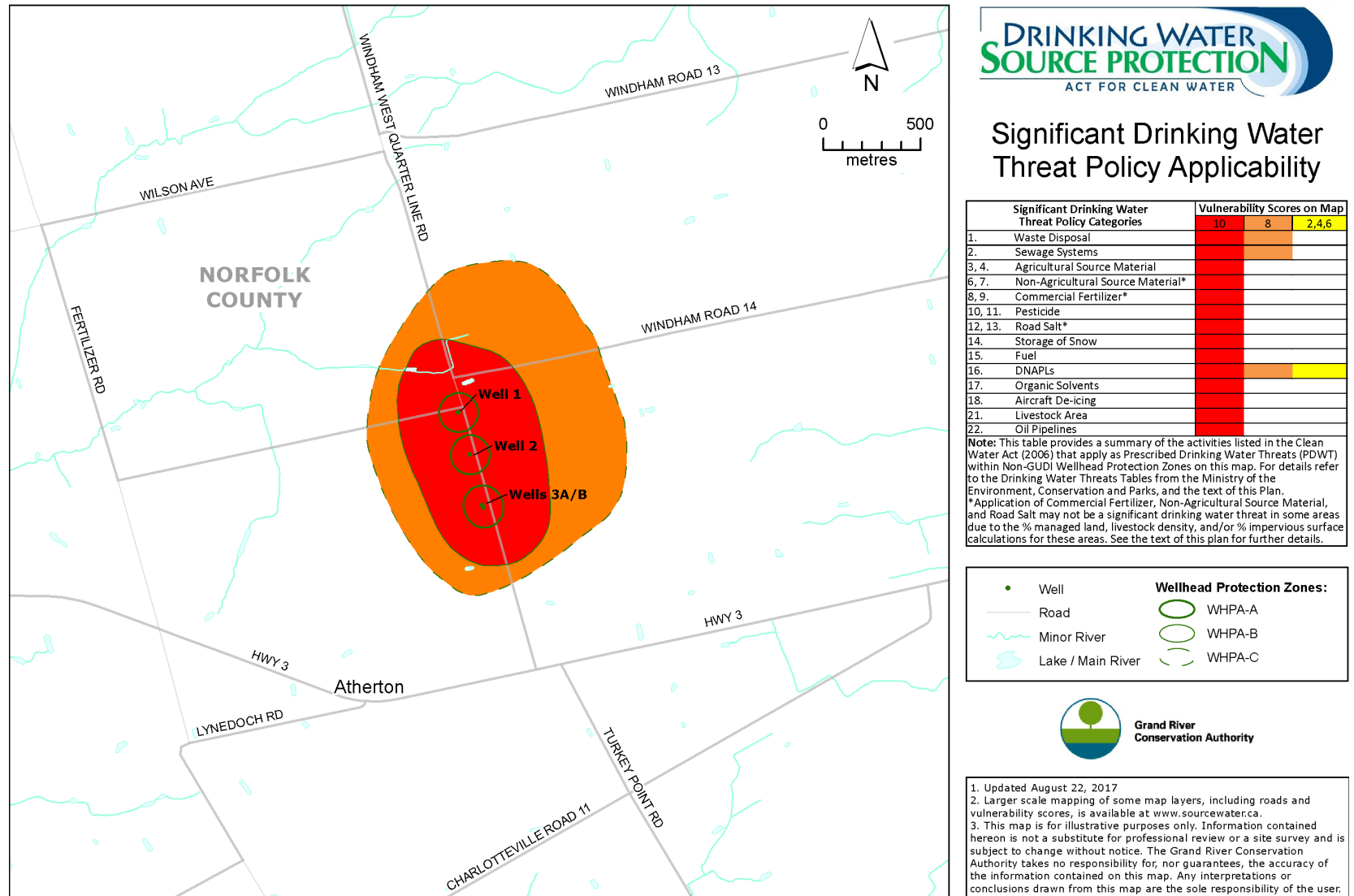
Policy ID#	Legal Effect (conform with, have regard to, non-binding)	Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)	Policy affects Prescribed Instrument decisions (Lists C and D)	Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)	Monitoring policies referred to in s.22(2) of the Clean Water Act (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)
NC-CW-1.1.1	Comply With	X	X	X		X		
NC-CW-1.1.2	Comply With	X	X	X		X		
NC-CW-1.2	Comply With	X	X	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 Clean Water Act (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)
NC-CW-1.3	Comply With	X				X		
NC-MC-1.4	Must Conform	X						
NC-MC-3.2	Must Conform	X		X				
NC-MC-3.4	Must Conform	X						
NC-MC-17.2	Must Conform	X		X				
NC-MC-18.1	Must Conform	X		X				
NC-MC-2.1	Must Conform		X					
NC-MC-2.3	Must Conform		X					
NC-MC-3.3	Must Conform		X					
NC-MC-3.5	Must Conform		X					
NC-MC-3.6	Must Conform		X					
NC-MC-3.8	Must Conform		X					
NC-MC-3.9	Must Conform		X					
NC-MC-4.2	Must Conform		X					
NC-MC-5.1	Must Conform		X					
NC-MC-5.3	Must Conform		X					
NC-MC-16.4	Must Conform		X					
NC-MC-17.1	Must Conform		X					X
NC-CW-1.5	Comply With			X				
NC-NB/CW-1.6	Non-Binding Comply With			X				X
NC-CW-1.18	Comply With			X				
NC-CW-3.1	Comply With			X				
NC-CW-3.7	Comply With			X				
NC-CW-4.4	Comply With			X				
NC-CW-5.2	Comply With			X				
NC-CW-6.2	Comply With			X				
NC-CW-8.2	Comply With			X				

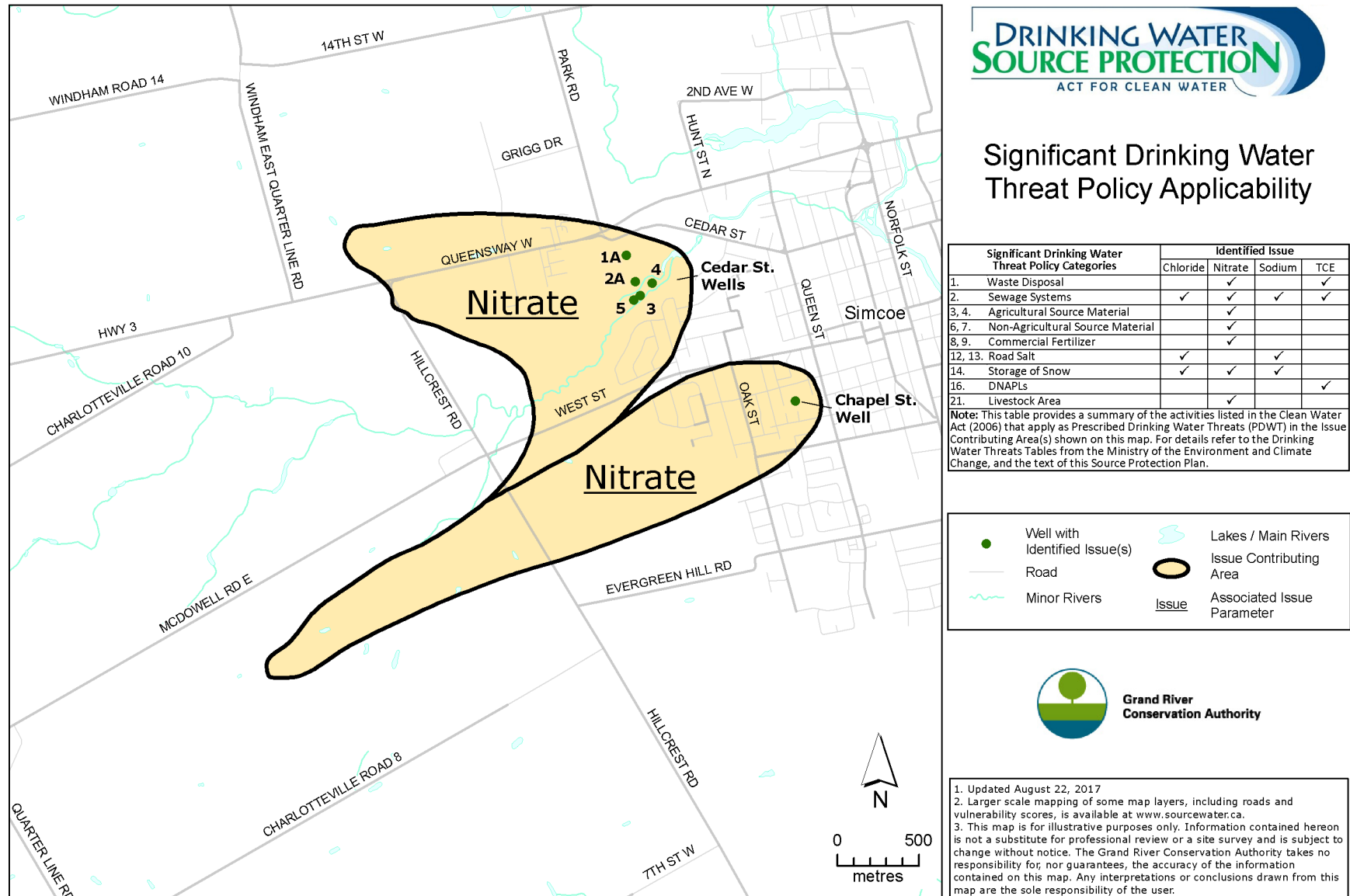
Policy ID#	Legal Effect (conform with, have regard to, non-binding)	Policy affects decisions under the Planning Act and Condominium Act, 1998 (Lists A and B)	Policy affects Prescribed Instrument decisions (Lists C and D)	Significant threat policies that impose obligations on municipalities, source protection authorities and local boards (List E)	Monitoring policies referred to in s.22(2) of the Clean Water Act (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)
NC-CW-12.2	Comply With			X				
NC-CW-13.4	Comply With			X				
NC-CW-16.5	Comply With			X				
NC-CW-17.3	Comply With			X				
NC-CW-17.4	Comply With			X				
NC-CW-17.5	Comply With			X				
NC-CW-17.10	Comply With			X				
NC-CW-1.9	Comply With				X			
NC-CW-1.10	Comply With				X			
NC-CW-1.11	Comply With				X			
NC-CW-1.12	Comply With				X			
NC-CW-1.13	Comply With				X			
NC-NB-19.1	Non-Binding				X			X
NC-CW-2.4	Comply With					X		
NC-CW-4.3	Comply With					X		
NC-CW-5.4	Comply With					X		
NC-CW-7.2	Comply With					X		
NC-CW-9.2	Comply With					X		
NC-CW-10.2	Comply With					X		
NC-CW-11.1	Comply With					X		
NC-CW-12.3	Comply With					X		
NC-CW-13.2	Comply With					X		
NC-CW-14.2	Comply With					X		
NC-CW-16.2	Comply With					X		
NC-CW-2.2	Comply With					X		
NC-CW-4.1	Comply With					X		
NC-CW-6.1	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 Clean Water Act (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)
NC-CW-7.1	Comply With					X		
NC-CW-8.1	Comply With					X		
NC-CW-9.1	Comply With					X		
NC-CW-10.1	Comply With					X		
NC-CW-12.1	Comply With					X		
NC-CW-12.4	Comply With					X		
NC-CW-13.1	Comply With					X		
NC-CW-13.3	Comply With					X		
NC-CW-14.1	Comply With					X		
NC-CW-15.1	Comply With					X		
NC-CW-16.1	Comply With					X		
NC-CW-16.3	Comply With					X		
NC-NB-1.15	Non-Binding						X	
NC-NB-1.16	Non-Binding						X	
NC-NB-1.7	Non-Binding							X
NC-NB-1.8	Non-Binding							X
NC-NB-1.17	Non-Binding						X	X
NC-NB-17.6	Non-Binding							X
NC-NB-17.7	Non-Binding							X
NC-NB-17.8	Non-Binding							X
NC-NB-17.9	Non-Binding							X

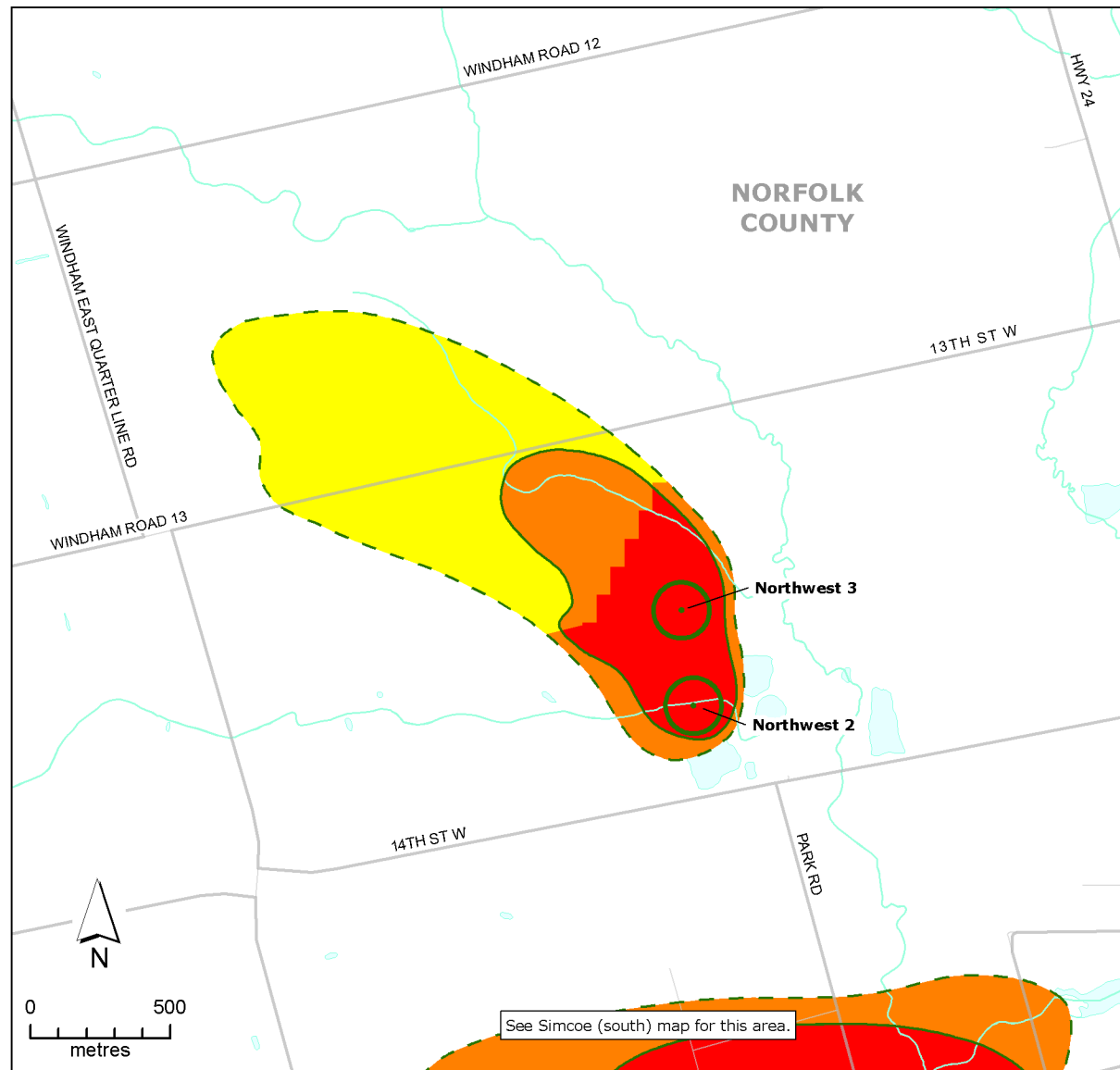
4.6 Schedule A: Norfolk County: Delhi-Courtland Water Supply (Groundwater Wells)



4.7 Schedule B: Norfolk County: Simcoe Well Supply Issue Contributing Areas



4.8 Schedule C: Norfolk County: Simcoe Well Supply (Northwest Wellfield)



Significant Drinking Water Threat Policy Applicability

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

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

*Application of Commercial Fertilizer, Non-Agricultural Source Material, and Road Salt may not be a significant drinking water threat in some areas due to the % managed land, livestock density, and/or % impervious surface calculations for these areas. See the text of this plan for further details.

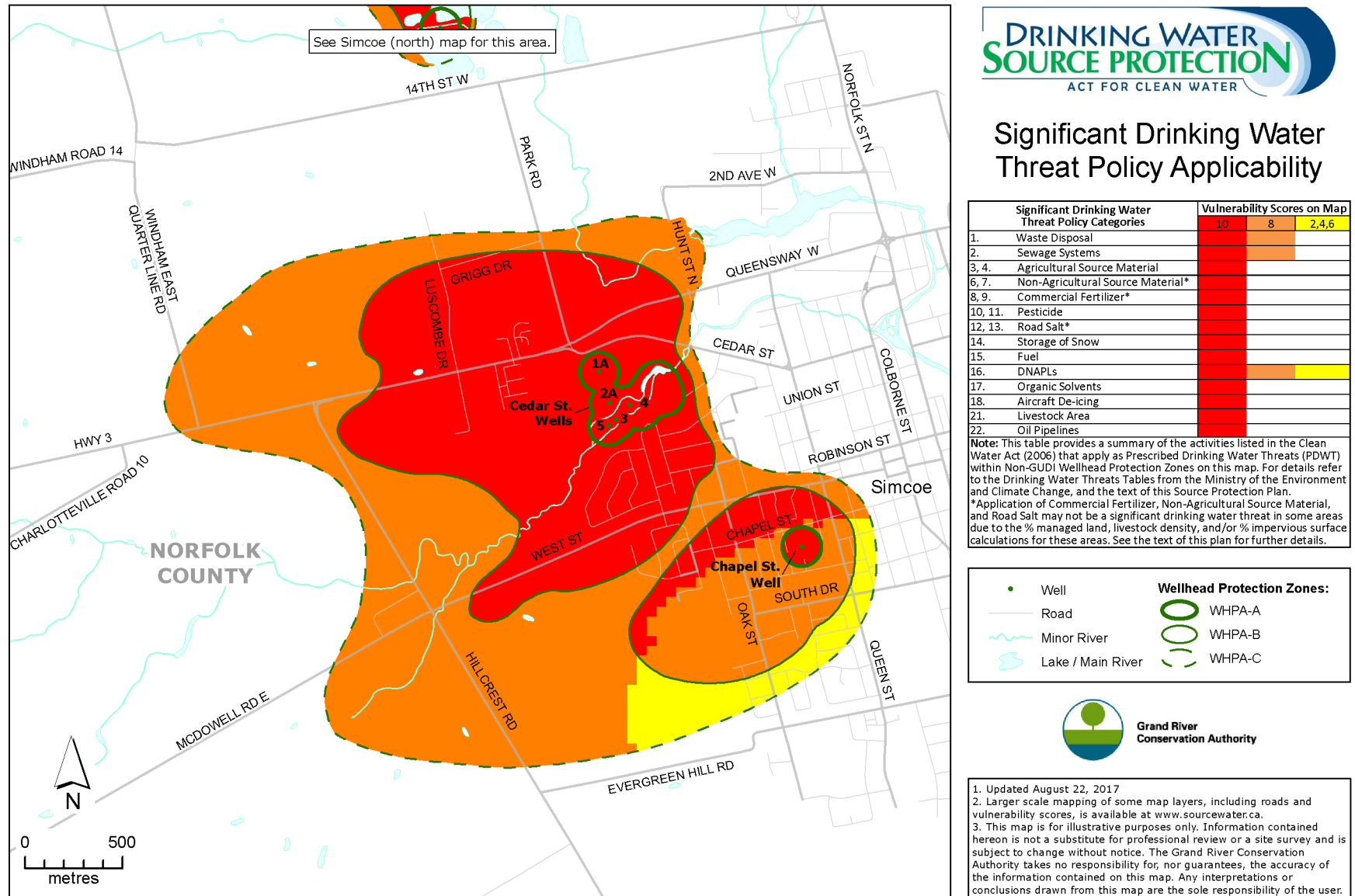
• Well	Wellhead Protection Zones:		
— Road		WHPA-A	
		WHPA-B	
		WHPA-C	



Grand River
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1. Updated August 22, 2017
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.

4.9 Schedule D: Norfolk County: Simcoe Well Supply (Cedar St. & Chapel St. Wellfields)



4.10 Schedule E: Simcoe Well Supply – Cedar St. & Chapel St. Wellfields – Water Quantity



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 significant risk WHPA-Q1/Q2 areas shown on this map. For details refer to the text of this Source Protection Plan and Part X (Table 5) of the Clean Water Act Technical Rules.

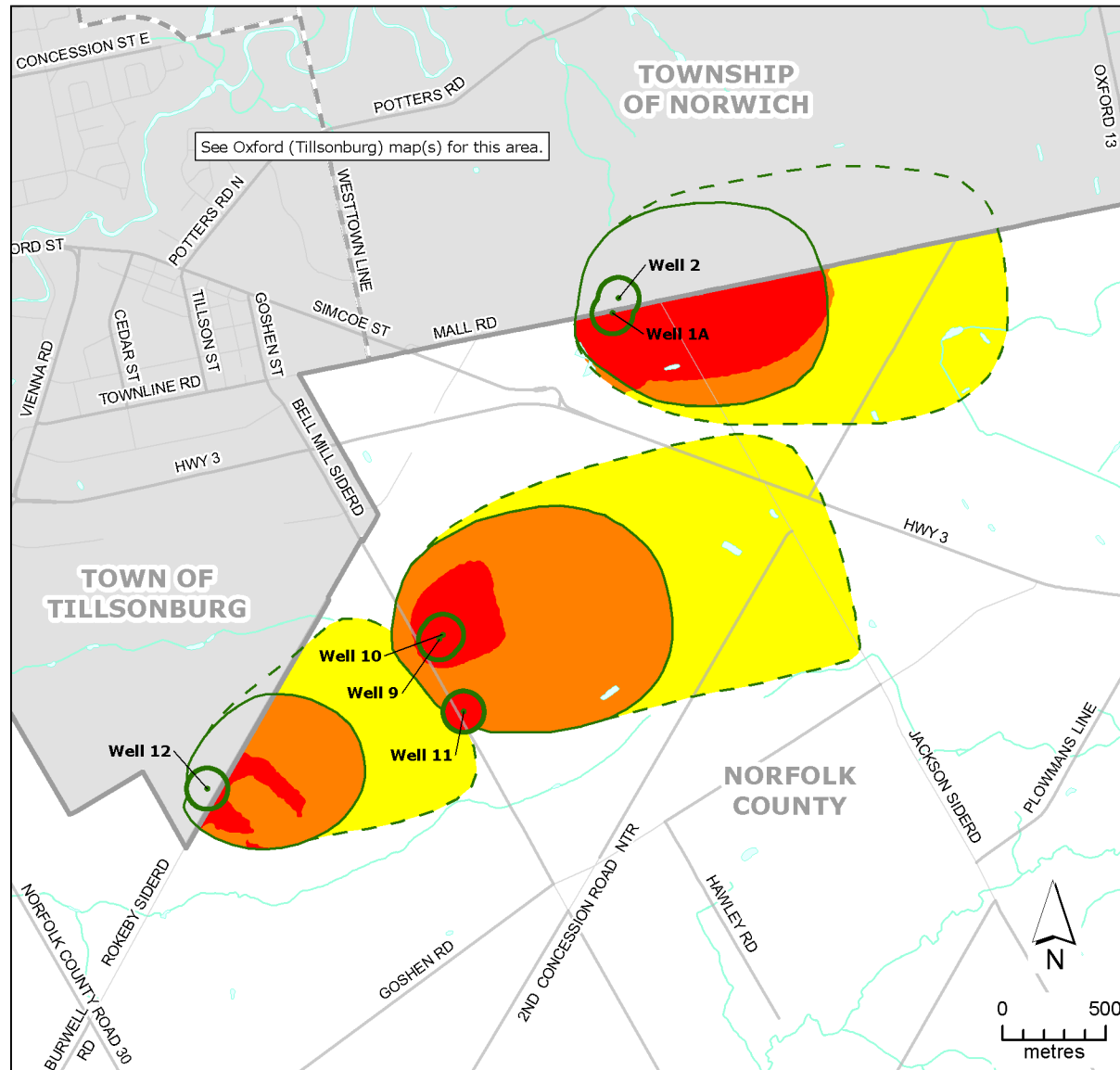
Well	WHPA-Q1/Q2 Significant Risk Area
Minor River	Serviced Area
Lake / Main River	



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4.11 Schedule F: Norfolk County: Tillsonburg Water Supply: (Southeast Wellfields)

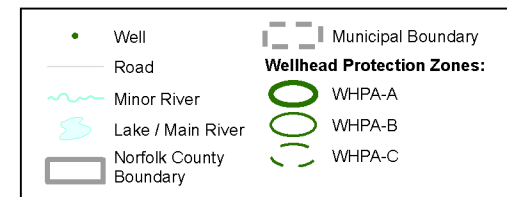


Significant Drinking Water Threat Policy Applicability

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

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

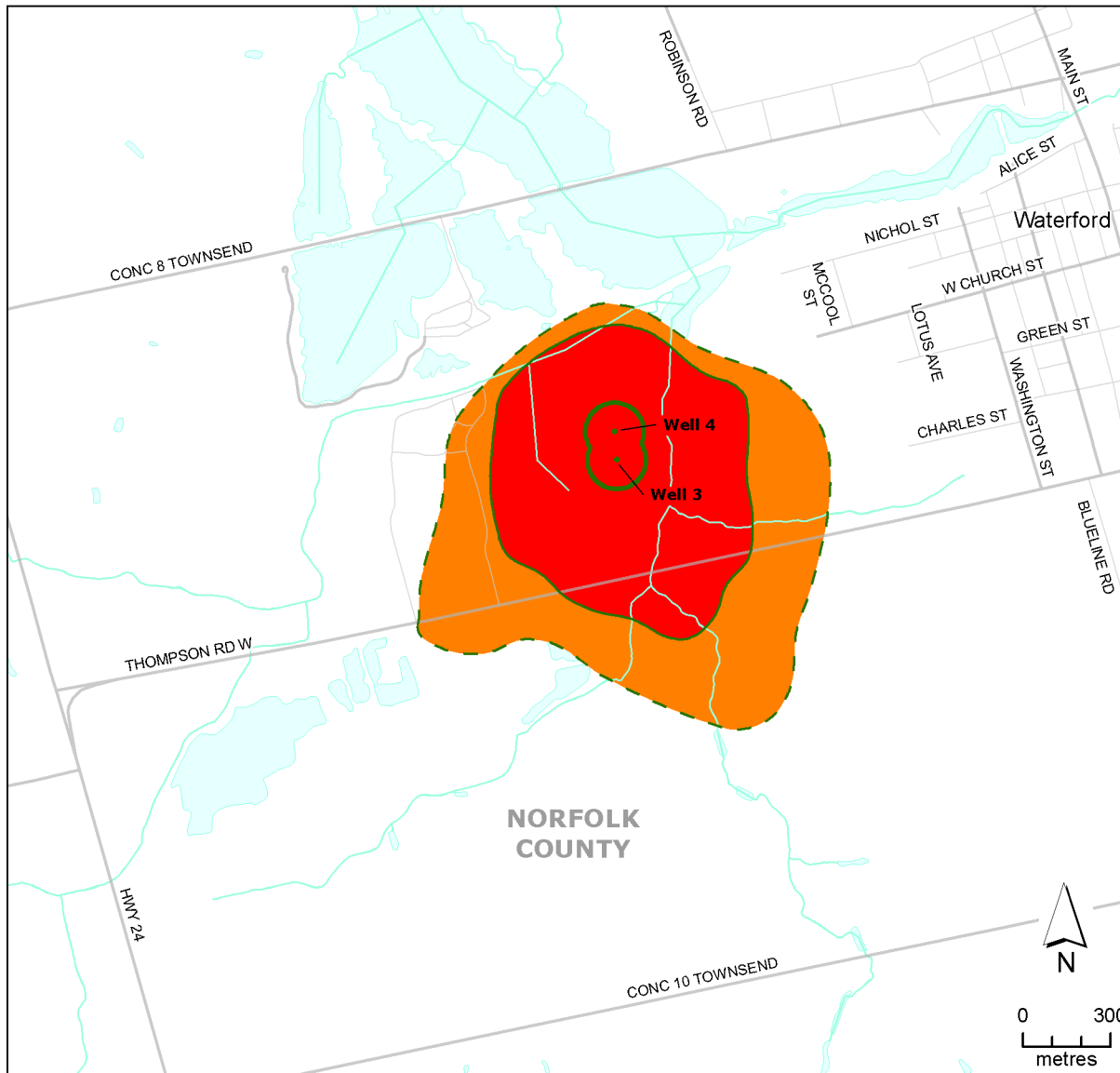
*Application of Commercial Fertilizer, Non-Agricultural Source Material, and Road Salt may not be a significant drinking water threat in some areas due to the % managed land, livestock density, and/or % impervious surface calculations for these areas. See the text of this plan for further details.



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4.12 Schedule G: Norfolk County: Waterford Well Supply

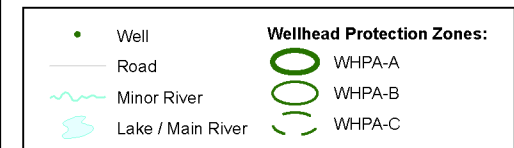


Significant Drinking Water Threat Policy Applicability

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			
22. Oil Pipelines			

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

*Application of Commercial Fertilizer, Non-Agricultural Source Material, and Road Salt may not be a significant drinking water threat in some areas due to the % managed land, livestock density, and/or % impervious surface calculations for these areas. See the text of this plan for further details.



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