

NOTICE OF CHANGES TO THE GANARASKA SOURCE PROTECTION PLAN MADE UNDER SECTION 51 OF THE CLEAN WATER ACT

Last Updated: January 2017

The following amendments were made to the **Ganaraska Source Protection Plan** pursuant to Section 51 of Ontario Regulation 287/07 of the Clean Water Act.

TYPE OF TYPOGRAPHICAL ERROR	GANARASKA SOURCE PROTECTION PLAN	DESCRIPTION OF CHANGE
O.REG 287/07 S.51(1)	Subsection 3.2.2	An amendment was made by inserting the word Progress to the subsection to clarify the type of annual report.
	Policy S-6(1)	An amendment was made by adding the word groundwater to the policy text.
	Policy L-2	An amendment was made by adding the word future to the Applicable Activities text.
O.REG 287/07 S.51(2)	Appendix 6	An amendment was made to add a table as an appendix for Policy Codes Summarized By Implementing Body and Compliance/Target Date.
	Summary of Amendments	An amendment was made to add a prefacing page illustrating the major Section 51 amendments.
	Appendix 7	An amendment was made to include the full list of Section 51 amendments as an appendix.
O.REG 287/07 S.51(4)	List of Tables - Table 3.3	An amendment was made to reflect the name change of table 3.3.
	Subsection 3.1.2	An amendment was made to the title of the subsection to reflect the change in the text below.
	Table of Contents	An amendment was made to update the title of 3.1.2 in the Table of Contents.
	Subsection: Acknowledgements; Source Protection Committee; List of Acronyms; Glossary; 2.2.3 Source Protection Committee; 2.2.4 Key Deliverables; 2.3.2.2 Local Drinking Water Threats; 2.4.1 Policy Development Process; 4.4.1 Septic Systems; Assessment Report (2009-2011,2014); Source Protection Plan (2011-Present); Appendix 4: Policies By Implementer; Appendix 6: Policy Codes Summarized by Implementing Body and Compliance/Target Date	An amendment was made to reflect the change of the Ontario Ministry of the Environment (MOE) to Ontario Ministry of the Environment and Climate Change (MOECC).

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	Policy G-2(1); G-2(2); G-6(1); S-2(1); S-2(2); S-3(1); S-3(3); S-7(2); S-8(1); A-2(1); A-2(2); A-2(4); A-3; A-4(4); W-1; W-2(1); OT-1(4); OT-1(5); OT-1(6); OT-1(7); OT-2(4); OT-2(5); OT-4(1); OT-4(2); OT-5(1); OT-5(2) ; L-2(12); L-2(13)	
	Subsection: Acknowledgements; Appendix 4: Policies By Implementer; Appendix 6: Policy Codes Summarized by Implementing Body and Compliance/Target Date	An amendment was made to reflect the change of the Ontario Ministry of Natural Resources (MNR) to Ontario Ministry of Natural Resources and Forestry (MNRF).
	Policy OT-4(1); OT-4(2)	
	2.2.3 Source Protection Committee; 2.4.1 Policy Development Process; 2.4.5 Explanatory Document; 3.1.2 Effective, Compliance and Target Dates; 3.2.2 Annual Progress Report; Source Protection Plan (2011-Present); 3.1.3 Amendment to this Plan; Table 3.3	An amendment was made to reflect the change of the Minister of Environment to Minister of Environment and Climate Change.
	List of Acronyms; Table 3.1; Policy S-1	An amendment was made to reflect the change of the Ministry of Municipal Affairs and Housing (MMAH) to Ministry of Municipal Affairs (MMA).
	Policy S-1; S-4; S-5	An amendment was made to reflect the change of O. Reg. 350/06 to O. Reg. 332/12.
	Glossary	An amendment was made to Tables of Drinking Water Threats within the Glossary to add “accessible via trentsourceprotection.on.ca”.
O.REG 287/07 S.51(5)	Table of Contents	An amendment was made to update Appendix 6 in the Table of Contents.
	Table 4.4	An amendment was made to include the WHPA C vulnerability score.
	Table of Contents	An amendment was made to include Appendix 7: Summary of Amendments in the Table of Contents.
O.REG 287/07 S.51(6)	Policy S-1; S-2; S-3; S-4; S-5; S-6; S-7; S-8; S-9; S-10; A-1; A-2; A-3; A-4;D1;D2	An amendment was made to correct the policy headers within each policy because the original headers for above stated policy was too vague in the information that was provided.
	Table 3.3	An amendment was made to add clarity between the effective date and the compliance/target date.
	Subsection 4.1.2	An amendment was made to allow the new header be displayed as a sample.

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	Subsection 3.2.1	An amendment was made to the text to provide clarity on the effective and compliance/target dates.
	Table 3.3	An amendment was made to add a column and descriptive definitions in the table 3.3 to provide clarity between the effective and compliance/target dates.
	Section 4.6 header	Remove sentence indicating Policies are applicable to any WHPA and IPZ regardless of vulnerability score
	Section 4.6.2 header	Remove WHPA D as cannot get a score high enough in WHPA D for a significant threat.
	Section 4.6.2	Addition made to Transport Pathway Footnote "...In the Assessment Report a transport pathway for groundwater means 3m from the top of the aquifer used as a the municipal drinking water source and penetrates/short circuits aquitard.
	Section 4.6.1 - Policy OT-1(1)	Change Must to "Should" as using Must with Strategic Legal Effect was confusing for implementers and not in line with explanatory document
	Section 4.3.2 - Policy G-11(1)	Added "other relevant documentation", and the word "reasonable". Update Municipal Master Emergency Plans and other relevant documentation to identify vulnerable areas where SDWTs can occur and outline reasonable actions to be implemented in the event these areas are compromised.
	Section 4.3.2 - Policy G-6(3)	Remove "at a minimum" to fix the obvious error that the intent of the policy to ensure that signs to do not need to be placed on every road (dirt track, trail) and to bring in line with reasonable measure of placing signs on main roads at the discretion of the implementing body.
	Section 4.4.5 - Policies W-1, W-2, W-3 and W-4	Add the following footnote: s.1 Environmental Protection Act 1990: "waste disposal site" means, (a) any land upon, into, in or through which, or building or structure in which, waste is deposited, disposed of, handled, stored, transferred, treated or processed, and

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		(b) any operation carried out or machinery or equipment used in connection with the depositing, disposal, handling, storage, transfer, treatment or processing referred to in clause (a).
	Section 4.3.2 - Policy G-5(6)	Add the following Footnotes: As per S.1 O.Reg 213/01: "facility" means an installation where fuel oil or used oil, when such oil is used as a fuel, is handled, but does not include a facility referred to in Ontario Regulation 217/01 (Liquid Fuels) and as per S.1 O.Reg 217/01: "facility" means a permanent or mobile retail outlet, bulk plant, marina, cardlock/keylock, private outlet or farm where gasoline or an associated product is handled other than in portable containers
	Section 4.7.1 - Policy OT-1(1)	Added the following footnote for Highway Traffic Act 1990 in Policy OT-1(1) : "highway" includes a common and public highway, street, avenue, parkway, driveway, square, place, bridge, viaduct or trestle, any part of which is intended for or used by the general public for the passage of vehicles and includes the area between the lateral property lines thereof (https://www.ontario.ca/laws/statute/90h08)
	List of Acronyms	An amendment was made to correct the omission of the Ministry of Natural Resources and Forestry from the list of acronyms.
	Policy OT-2	An amendment was made to correct an obvious omission by adding a sentence further describing transport policy.
	Section 4.4.1 - Policy S-1	An amendment was made to change the policy text to include a clause to omit the municipality copying the report when the municipality is the Principal Authority under the Ontario Building Code Act.
	Section 4.4.5 - Policy W-4(2)	An amendment was made to reflect the source of the definition of liquid industrial and hazardous waste being Section 1 of Ontario Regulation 374.
	Appendix 3: Applicable Legal Provision Policies	Policy L2(8) was removed from List K and List J to eliminate duplication as it was listed on List E.
	G-2(2); G-3(2); G-4(3); G-5(7); G-6(5); G-7(1); G-8(4); G-10(2); G-	An amendment was made to clarify that the annual

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	11(2); S-1(2); S-3(3); S-4(2); S-5(2); S-6(2,4); S-8(3); A-2(2); R-2(2); R-3(3); R-4(2); O-1(2); P-1(3); I-1; I-2; L-2(3-5,7, 9, 10, 13)	summary required by the ministry is for the preceding calendar year.
	4.4.5 Waste Disposal	An amendment was made to change “Trent” to “Ganaraska” in the page footer.
	Appendix 4B	An amendment was made to only include Ganaraska municipalities in the table.
	Section 4.3.2 – Policy G-9(2)	An amendment was made to alter the policy text from “Forward applications” to “Direct proponents applying” to reflect s.51 of the <i>Clean Water Act, 2006</i> .
	Glossary	An amendment was made to add “Provincial Tables of Circumstances” to the Glossary.

NOTICE OF CHANGES TO THE GANARASKA ASSESSMENT REPORT MADE UNDER SECTION 51 OF THE CLEAN WATER ACT

Last Updated: January 2017

The following amendments were made to the **Ganaraska Assessment Report** (as per s.22(1)(1) of the Clean Water Act 2006, is a component of the Ganaraska Source Protection Plan) pursuant to Section 51 of Ontario Regulation 287/07 of the Clean Water Act.

TYPE OF TYPOGRAPHICAL ERROR	GANARASKA ASSESSMENT REPORT	DESCRIPTION OF CHANGE
O.REG 287/07 S.51(1)	Table 5.4-2; Table 5.4-3; Table 5.4-4	An amendment was made to correct the typographical error of “or” to “of” in “The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> ”.
	4.4.3 Listing of Conditions that are Drinking Water Threats	An amendment was made to correct the typographical error of “know” to “known”.
O.REG 287/07 S.51(4)	Subsection: Source Protection Committee; Acknowledgements; Preface; Water Budget and Water Quantity Stress Assessment; 1.4 Scope and Purpose of the Assessment Report; 1.5.1 Source Protection Committee; 1.5.2 Public Consultation; 1.6 Project Timeline; 2.5.1.2 Surface Water Quality Summary; 2.5.2 Groundwater Quality; 2.5.2.2 Provincial Groundwater Monitoring Network; 2.5.2.3 Ministry of the Environment and Climate Change Water Well Records Database; 2.5.2.4 Regional Groundwater Studies; 2.7 References; 3.2.7.1 Regional Groundwater Movement; 3.2.7.3 Groundwater Flow Directions; 3.2.7.4 Surface Water and Groundwater Interactions (Groundwater Discharge); 3.2.7.5 Provincial Groundwater Monitoring Network; 3.2.8.1 Permits to Take Water; 3.2.11 References; 3.3 Tier 1 Water Budget and Water Quantity Stress Assessment; 3.3.2.1.1 Permitted Water Use; 3.3.4 Q Reserve Values; 3.3.5 Stress Assessment Summary; 3.3.6 References; 4.2.6 References; 4.3.2.3 Water Treatment Plant Operator Interviews; 4.4.2.4 Circumstances Under Which Each Activity Is Or Would Be A Significant, Moderate, or Low Drinking Water Threat; 5.2.1.4 Uncertainty Analysis; 5.3.2.2 Data Review and Identify Potential Drinking Water Issues; 5.4.1.2 Listing Drinking Water Threats – Conditions; 5.4.1.3 Identify Areas for Significant, Moderate, or Low Threats – Activities; 5.4.4 References; 6.1.1.1.3 Identification of Uppermost Aquifer; 6.1.7 References; 7.1	An amendment was made to reflect the change of the Ontario Ministry of the Environment (MOE) to Ontario Ministry of the Environment and Climate Change (MOECC).

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	<p>Consideration of Great Lakes Agreements; Definition of Terms; Groundwater Vulnerability (For Municipal Systems)</p> <p>Table 2-4; Table 2-9; Table 2-19; Table 2-20; Table 4.1-1; Table 4.2-9; Table 5.1-1</p> <p>Subsection: Acknowledgements; 2.7 References; 3.2.1.3 Evapotranspiration; 3.2.2.1 Bedrock Geology; 3.2.2.2 Topography; 3.2.2.3 Surficial Geology; 3.2.11 References; 6.1.2.1 Paleozoic Area; 7.1.3 Great Lakes Charter; 7.1.6 References; 8.1.7 References; Conceptual Water Budgets; Tier 1 Water Budget; Significant Groundwater Recharge Areas</p> <p>Table 3.2-15</p> <p>Subsection: Additional Content; Next Steps; 1.3 Overview of Source Protection Planning Process; 1.5.1 Source Protection Committee; 1.6 Project Timeline; 7.1.4 Great Lakes Targets; 10.4 Preparation of Source Protection Plan</p> <p>Maps 4-7, 4-8, 4-9, 5-7, 5-9, 5-11, 6-9, 6-13</p>	<p>An amendment was made to reflect the change of the Ontario Ministry of Natural Resources (MNR) to Ontario Ministry of Natural Resources and Forestry (MNR).</p> <p>An amendment was made to reflect the change of the Minister of Environment to Minister of Environment and Climate Change.</p> <p>An amendment was made to update the URL reference to the 76 tables of drinking water threats to a reference that is compliant with the Accessibility for Ontarians with Disabilities Act (AODA): "The Provincial Tables of Circumstances can be accessed from: the source protection homepage of ontario.ca or the reports and legislation page of http://trentsourceprotection.on.ca".</p>
O.REG 287/07 S.51(6)	Ganaraska Assessment Report Map Reference: 4-13, 4-14, 4-15	<p>Removed potential contaminant pathways upstream of modeled pipeline threat since contaminant pathways are downstream of modeled pipeline threat points;</p> <p>Added modeled pipeline threat locations and associated pipeline reference;</p> <p>Removed label from intake point since intake relates to title of map;</p> <p>Added superscripts and more detailed legend to clarify the type of modeled threat (pipeline, waste water treatment plant outflow, marina fuel);</p> <p>Added additional wording to the legend to indicate for General (G) and Other (OT) policies please refer to assessment report maps;</p> <p>Updated Cobourg Municipal Boundary in Main Maps</p>

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		and Overview Maps.
	Ganaraska Assessment Report Map Reference: 5-3, 5-4, 5-5	<p>Added the word prescribed to clarify the table of threats relates to prescribed threats, and not local threats;</p> <p>Added additional wording to table to indicate for General (G) and Other (OT) policies please refer to assessment report maps;</p> <p>Updated Cobourg Municipal Boundary in Main Maps and Overview Maps.</p>
	Glossary	Added "Tables of Drinking Water Threats" to the Glossary.
	Ganaraska Assessment Report Maps 5-7, 5-9, 5-11	Updated threat circumstance summary tables to include all WHPA scores where significant, moderate and low threats occur.