

APPENDIX 7: SUMMARY OF AMENDMENTS

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

Last Updated: March 2018

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) | Table of Contents | Amendments were made to update the title of 3.1.2 in the Table of Contents, and add the titles of Appendix 3 Tables 1 and 2. |
| | List of Tables - Table 3.3 | An amendment was made to reflect the name change of Table 3.3. |
| | Chapters 2 and 3 | Capitalization of “Source Protection Region” where referred to as the proper name of the Trent Conservation Coalition Source Protection Region. |
| | Section 2.3 | In the 4 th sentence, the addition of the word ‘the’ before the “type of vulnerable area”. |
| | Section 3.1.2 | An amendment was made to the title of the section from “EFFECTIVE DATES” to “EFFECTIVE, COMPLIANCE AND 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. |

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| | Subsection 3.2.2 | An amendment was made by inserting the word “Progress” to the section header and throughout the paragraph to clarify the type of annual report, and the addition of the May 1, 2018 deadline for submitting the first report to the Minister of the Environment and Climate Change. |
| | Policy L-2 | An amendment was made by adding the words “and future” to the Applicable Activities text. |
| | Section 4.4.1 – Sewage Systems | Sewage threat subcategory terminology changed to be consistent with provincial tables of circumstance: Sewage Holding Tank / Septic System Holding Tank, etc. |
| | Section 4.4.1 – Sewage Systems – Table 4..5 | “Sewage System or Sewage Works:” added to “Threat Subcategory” heading and additional policy applicability tables. |
| | Section 4.4.1 - Sewage Systems | Sewage threat subcategory terminology changed to be consistent with provincial tables of circumstance. This includes Table 4.5 and threat applicability tables appearing at the beginning of each sewage systems policy. Terminology also changed for titles of each threat subcategory, where applicable, and in descriptions. |
| | Section 4.4.1 - Sewage Systems - Policy S-2(2) | An amendment was made to change MC to S in the legal effect column. |
| | Section 4.4.1 - Sewage Systems - Policy S-3 | “Discharge of Untreated Stormwater from a Stormwater Retention Pond” added to policy applicability table. It was already included in the list in the main table at the beginning of the section. |
| | Section 4.4.1 - Sewage Systems - Policy S-6(1) | An amendment was made by adding the word groundwater to the policy text. |
| | Section 4.4.1 - Sewage Systems - Policy S-8 | “Stormwater from a stormwater retention pond” added into the applicable activities description. |

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| | Acknowledgements | The Otonabee Conservation Authority logo was updated to the new logo. |
| | Summary of Amendments | An amendment was made to add a prefacing page titled "Summary of Amendments" illustrating the major Section 51 amendments. |
| | Chapter 4, 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 add more detail to the policy headers within each policy as the original headers were too vague. |
| | Appendix 6 | An amendment was made to add a table as an appendix for Policy Codes Summarized By Implementing Body and Compliance/Target Date. |
| | Appendix 7 | An amendment was made to include the full list of Section 51 amendments as an appendix. |
| | Glossary | Addition of definitions for Land Use and Activities. Removal of definition of Municipal Planning Authority as not a term used in the Plan. |
| O.REG 287/07 S.51(2) | Table of Contents | An amendment was made to add Appendix 6 and Appendix 7. |
| | Table 4.4 | An amendment was made to include the WHPA-C vulnerability score of "2,4,6". |
| | 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(4) | Section: 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; 3.1.3 Amendment To This Plan; 3.2.2 Annual Progress Report | An amendment was made to reflect the change of the Minister of Environment to Ontario Minister of Environment and Climate Change. |
| | Section 4.3.2 - Policy G-10(2) | An amendment was made to the policy text to add the "applicable Source Protection Authorities". |

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| | Section: Acknowledgements; Source Protection Committee; Section: Acknowledgement; 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; 2.3.3.2 Wellhead Protection Area-Q (Water Quantity); 2.4.1 Policy Development Process; 4.4.1 Septic Systems; 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). |
| | Chapter 4, 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) | |
| | Section: 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 (MNRFF). |
| | Section 4.6.4 - 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; Policy S-1 Note 1 | An amendment was made to reflect the change of the Ministry of Municipal Affairs and Housing (MMAH) to Ministry of Municipal Affairs (MMA). |
| | Table 3.1 | |
| | Policy S-1; S-4; S-5 | |
| | Section 4.4.1 - Policy S-1 | An amendment was made to reflect the change of O. Reg. 350/06 to O. Reg. 332/12. |
| O.REG 287/07 S.51(6) | Subsection 4.1.2 | An amendment was made to allow the new header be displayed as a sample. |
| | Section 4.3.1 - 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> . |

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| | 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 4.3.2 - 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 4.3.2 - 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 4.4.1 - 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 - 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 (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). |

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| | Section 4.4.5 - Policy W-4(2) | Changed the source of the definition of liquid industrial and hazardous waste to Section 1 of Ontario Regulation 374. |
| | Section 4.5 – Policy L-2(8) | Addition of (d) “Any other relevant information”. |
| | Section 4.6 - header | Remove sentence indicating Policies are applicable to any WHPA and IPZ regardless of vulnerability score. |
| | Section 4.6.1 - Policy OT-1(1) | <p>Change “must include” to “should include” include, as using Must with Strategic Legal Effect was confusing for implementers and not in line with explanatory document.</p> <p>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)</p> |
| | 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 - Policy OT-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 the municipal drinking water source and penetrates/short circuits aquitard. |
| | Policies 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-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); L-2(4,5,7,9,10,13) | An amendment was made to clarify that the annual summary required by the ministry is for the preceding calendar year. |
| | List of Acronyms | An amendment was made to correct the omission of the Ministry of Natural Resources and Forestry from the list of acronyms. |

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| | Appendix 3: Applicable Legal Provision Policies | List E was updated to remove L-2(3-5,7,9), List F was updated to remove L-2(3), List K was updated to remove L-2(11). |
| | Appendix 3: Table 2 - Policy Summary Matrix | Remove "x" in List E column for policies L-2(4,5,7,9,10). |
| | Appendix 4B | An amendment was made to only include Ganaraska municipalities in the table. |
| | 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: March 2018

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). |

| TYPE OF TYPOGRAPHICAL ERROR | GANARASKA ASSESSMENT REPORT | DESCRIPTION OF CHANGE | |
|-----------------------------|---|---|---|
| | Consideration of Great Lakes Agreements; Definition of Terms; Groundwater Vulnerability (For Municipal Systems) | | |
| | Table 2-4; Table 2-9; Table 2-19; Table 2-20; Table 4.1-1; Table 4.2-9; Table 5.1-1 | | |
| | 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 | 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). | |
| | Table 3.2-15 | | |
| | 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 | An amendment was made to reflect the change of the Minister of Environment to Minister of Environment and Climate Change. | |
| | Maps 4-7, 4-8, 4-9, 5-7, 5-9, 5-11, 6-9, 6-13 | 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 ". | |
| | 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. |