

**CTC Source Protection Region**

Source Protection Committee

# CTC Source Protection Plan

## NOTICE OF AMENDMENTS

Amendments to this document, made under Ontario Regulation 287/07, Section 34, following its approval in July 2015, are summarized in the attached tables.

**DATE AMENDMENTS POSTED: October 12, 2018**

**Summary of Section 34 Amendments to the Approved CTC Source Protection Plan**

<b>No.</b>	<b>Section of CTC Source Protection Plan</b>	<b>Brief Description of Potential and Completed Amendment</b>	<b>Estimated Timing to Submit Proposed Amendment to Ministry of the Environment, Conservation and Parks</b>
1.	Preface	Revised contact information.	November 2018
2.	Table of Contents	Addition of new sections and updated page numbers.	November 2018
3.	Figure 2-2	Updated map with new Wellhead Protection Areas at Inglewood and Caledon East Drinking Water Systems, added Lake Ontario Drinking Water Systems	November 2018
4.	Table 3-1b	Added new names and affiliations of CTC Source Protection Committee members.	November 2018
5.	Table 6-1	Updated number of wells to reflect new drinking water well at Inglewood Drinking Water System	November 2018
6.	Transition Provision	Text to clarify when a threat is considered 'existing' for an in-progress development proposal in accordance with Policy REC-1. Additionally, text to specify that, for transitioning applications that would result in an increase of impervious surface, a water balance assessment, or equivalent, is still generally required. However, based on the location and scale of development, the Planning Approval Authority has a certain level of flexibility regarding water balance requirements.	November 2018
7.	Timeline T-8	Remove requirement for conformity in 5 years from the date the CTC Source Protection Plan became effective.	November 2018
8.	Policy GEN-1	Text to establish a common site-specific exemption authority for Risk Management Officials.	November 2018
9.	Policy WST-5	Removed 5 year timeline for amending Official Plan for conformity.	November 2018
10.	Policy SWG-3	Revised policy text to ensure intent of policy is achieved.	November 2018

		Removed 5 year timeline for amending Official Plan for conformity.	
11.	Policy SWG-9	Removed 5 year timeline for amending Official Plan for conformity.	November 2018
12.	Policy SWG-12	Removed 5 year timeline for amending Official Plan for conformity.	November 2018
13.	Policy SWG-14	Removed 5 year timeline for amending Official Plan for conformity.	November 2018
14.	Policy SWG-16	Removed 5 year timeline for amending Official Plan for conformity.	November 2018
15.	Policy SWG-18	Removed 5 year timeline for amending Official Plan for conformity.	November 2018
16.	Policy SAL-3	Removed 5 year timeline for amending Official Plan for conformity.	November 2018
17.	Policy SAL-10	Added WHPA-A (VS=10) and WHPA-B (VS≤10) to ensure that all moderate and low threats due to the application of road salt are managed.  Removed 5 year timeline for amending Official Plan for conformity.	November 2018
18.	Policy SAL-11	Added WHPA-A (VS=10) and WHPA-B (VS≤10) to ensure that all moderate and low threats due to the application of road salt are managed.	November 2018
19.	Policy SAL-12	Added WHPA-A (VS=10) and WHPA-B (VS≤10) to ensure that all moderate and low threats due to the application of road salt are managed.	November 2018
20.	Policy SAL-13	Added WHPA-A (VS=10) and WHPA-B (VS≤10) to ensure that all moderate and low threats due to the application of road salt are managed.	November 2018
21.	Policy SNO-1	Changed the approach to addressing potential future significant drinking water threats in the WHPA – B (VS = 10), WHPA – E (VS ≥ 9), and the remainder of the issues contributing area (Chloride, Sodium) from prohibition to management.	November 2018
22.	Policy DEM-2	Removed 5 year timeline for amending Official Plan for conformity.	November 2018

23.	Policy REC-1	<p>Revised policy text to ensure intent of policy is achieved;</p> <p>Exempting development on lands down-gradient of municipal wells within the Tier 3 Water Budget WHPA-Q2 Area from having to produce a water balance assessment demonstrating that predevelopment recharge will be maintained (less onerous recharge maintenance requirements);</p> <p>Adding “site alteration” to the types of applications requiring BMPs with the goal of maintaining predevelopment recharge;</p> <p>Removing the water balance exemption for single family dwellings that represent major development (500m<sup>2</sup> or greater), while still exempting the majority of single family dwellings (i.e. less than 500m<sup>2</sup>) and now exempting applications for non-major development (less than 500m<sup>2</sup>) that require site plan control (prevents minor site alterations with little to no increase in impervious cover that trigger Site Plan review from needing a water balance);</p> <p>Added text to explain policy applicability for agricultural uses, agriculture-related uses, or on-farm diversified uses where the total impervious surface does not exceed 10 per cent of the lot; and</p> <p>Removed 5 year timeline for amending Official Plan for conformity.</p>	November 2018
24.	Definition – Major Development	Added definition of ‘major development’ as listed in the Oak Ridges Moraine Conservation Plan	November 2018
25.	Map 1.9	Updated to incorporate areas where significant drinking water threats can occur as a result of Inglewood Well 4	November 2018

		being added to the Drinking Water System.	
26.	Map 2.9	Updated to incorporate areas where significant drinking water threats (dense non-aqueous phase liquids) can occur as a result of Inglewood Well 4 being added to the Drinking Water System.	November 2018
27.	Map 1.11	Updated to incorporate areas where significant drinking water threats can occur as a result of Caledon East Well 4a being added to the Drinking Water System.	November 2018
28.	Map 2.11	Updated to incorporate areas where significant drinking water threats (dense non-aqueous phase liquids) can occur as a result of Caledon East Well 4a being added to the Drinking Water System.	November 2018
29.	Map 3.5	Added a new map showing the placement of the Downgradient Line described in Policy REC-1.	November 2018

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# CTC SPR Explanatory Document

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Amendments to this document, made under Ontario Regulation 287/07, Section 34, following its approval in July 2015, are summarized in the attached tables.

**DATE AMENDMENTS POSTED: October 12, 2018**

**Summary of Section 34 Amendments to the CTC Source Protection Plan – Explanatory Document**

<b>No.</b>	<b>Page Reference – Explanatory Document</b>	<b>Brief Description of Text Change</b>	<b>Estimated Timing to Submit Proposed Amendment to Ministry of the Environment, Conservation and Parks</b>
1.	Page 1	Preface - Update to contact information.	November 2018
2.	Page 11	New section to describe process by which amendments were made to the Approved CTC Source Protection Plan.	November 2018
3.	Page 21	Transition Provision – Revised text to reflect changes to provision; primarily to address the interpretation of the transition provision in relation to Policy REC-1.	November 2018
4.	Page 22	T-8 – Addition of text to provide rationale for changes to conformity timeline.	November 2018
5.	Page 23	Policy GEN-1 – Revised text to provide rationale for changes to policy.	November 2018
6.	Page 31	Policy SWG-3 – Revised text to provide rationale for changes to policy.	November 2018
7.	Page 56	Policies SAL-10, -11, -12, -13 – Revised text to provide rationale for changes to policy.	November 2018
8.	Page 57	Policy SNO-1 – Revised text to provide rationale for changes to policy.	November 2018
9.	Page 74	Policy REC-1 – Revised text to provide rationale for changes to policy.	November 2018

**CTC Source Protection Region**

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# Toronto and Region Assessment Report

## NOTICE OF AMENDMENTS

Amendments to this document, made under Ontario Regulation 287/07, Section 34, following its approval in July 2015, are summarized in the attached tables.

**DATE AMENDMENTS POSTED: October 12, 2018**



**Summary of Section 34 Amendments for the Approved Updated Assessment Report: Toronto and  
Region Source Protection Area**

No.	Section of CTC Source Protection Plan (including Toronto and Region Assessment Report)	Brief Description of Potential and Completed Amendment	Estimated Timing to Submit Proposed Amendment to Ministry of the Environment, Conservation and Parks
1.	Preface, Figure ES.4	Update IPZ and intake map to most recent version.	November 2018
2.	Preface, Figure ES.7	Update map to add CE-4A and remove CE-2.	November 2018
3.	Chapter 2, Figure 2.7	Update locations of wells on map.	November 2018
4.	Chapter 2, Table 2.7	Add well characteristic information for CE-4A, and NB-5, remove well CE-2 and NB-4, and remove monitoring and decommissioned wells.	November 2018
5.	Chapter 2, Section 2.3.2 (Municipal Groundwater Systems), and 2.4.7 (Groundwater Quality)	Update text to reflect addition of CE-4A and NB-5, and removal of CE-2 and NB-4. Update to reflect the Palgrave-Caledon East Drinking Water System.	November 2018
6.	Chapter 3, Section 3.9.2, Section 3.9.8	Update text to reflect SGRA modeling.	November 2018
7.	Chapter 3, Figure 3.40, Figure 3.41, Figure 3.42, Figure 3.43	Update maps to reflect updated SGRA modeling outputs.	November 2018
8.	Chapter 4, Section 4.1.3	Update text to reflect SGRA mapping methodology.	November 2018
9.	Chapter 4, Figure 4.3 and Figure 4.4	Update maps displaying SGRA.	November 2018
10.	Chapter 4, Figure 4.5	Update map to include CE-4A and NB-5, and remove CE-2 and NB-4	November 2018
11.	Chapter 4, Figure 4.6, Figure 4.7, and Figure 4.8	Update figure to reflect removal of CE-2 WHPA and inclusion of CE-4A WHPA, and update vulnerability areas and scoring where appropriate.	November 2018
12.	Chapter 4, Section 4.2 and Section 4.3	Update text to reflect removal of CE-2 and replacement with CE-4A.	November 2018
13.	Chapter 4, Figure 4.12, Figure 4.13, and Figure 4.14	Update figure to reflect removal of NB-4 and inclusion of NB-5.	November 2018
14.	Chapter 4, Figure 4.29, Figure 4.30,	Update IPZ map to most recent version.	November 2018

15.	Chapter 5, Figure 5.3, Figure 5.5, Figure 5.7	Update Managed Lands, Livestock Density, and Impervious Surfaces mapping.	November 2018
16.	Chapter 5, Table 5.6	Update to reflect removal of CE-2 and NB-4, and the addition of CE-4A and NB-5; Summarize number of threats and parcels.	November 2018
17.	Chapter 5, Section 5.5.1	Update text to reflect number of significant drinking water threats.	November 2018
18.	Chapter 5, Table 5.7	Update count of significant drinking water threats.	November 2018
19.	Chapter 5, Figure 5.8	Update areas of significant, moderate, and low threats – chemicals.	November 2018
20.	Chapter 5, Figure 5.9	Update areas of significant, moderate, and low threats – DNAPLs.	November 2018
21.	Chapter 5, Figure 5.10	Update areas of significant, moderate, and low threats – pathogens.	November 2018
22.	Chapter 5, Figure 5.17, Figure 5.18, Figure 5.19	Update maps threat maps to reflect NB-4 being taken offline, and NB-5 being brought online.	November 2018
23.	Chapter 6, Table 6.1	Update to reflect removal of CE-2 and NB-4, and the addition of CE-4A and NB-5; Summarize number of threats and parcels.	November 2018
24.	Chapter 6, Section 6.3	Update text to reflect number of significant drinking water threats.	November 2018
25.	Chapter 7	Update Bibliography to include new reference to foundation reports.	November 2018
26.	Appendix D, Table D2-1	Update active wells and report information.	November 2018
27.	Appendix D, Section D2.3	Update text to reflect updated SGRA modeling.	November 2018
28.	Appendix D, Figure D2-6, D2-7	Update SGRA mapping.	November 2018
29.	Appendix D, Section D2.5	Update Bibliography to include new reference to foundation reports.	November 2018
30.	Appendix D, Table D4-3	Remove CE-2 information.	November 2018
31.	Appendix D, Section D4.7	Update Bibliography to include new reference to foundation reports.	November 2018
32.	Appendix E, Section E3.1.3, and E3.1.4	Update text referring to CE-2 and CE-4A.	November 2018
33.	Appendix E, Section E3.2.1	Update text referring to CE-2 and CE-4A.	November 2018
34.	Appendix E, Figure E3-1, Figure E3-2, Figure E3-3	Update maps for percent managed lands, livestock density, and impervious surfaces.	November 2018
35.	Appendix E, E3.3	Update Bibliography to include new references to foundation reports.	November 2018

36.	Appendix E, Table E4-1, Section E4.3.2, Table E4-9, Table E4-12,	Update text and maps to include NB-5 and remove NB-4.	November 2018
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# Credit Valley Assessment Report

## NOTICE OF AMENDMENTS

Amendments to this document, made under Ontario Regulation 287/07, Section 34, following its approval in July 2015, are summarized in the attached table.

**DATE AMENDMENTS POSTED: October 12, 2018**

**Summary of Section 34 Amendments for the Approved Updated Assessment Report: Credit Valley  
Source Protection Area**

<b>No.</b>	<b>Section of CTC Source Protection Plan (including Credit Valley Assessment Report)</b>	<b>Brief Description of Potential and Completed Amendment</b>	<b>Estimated Timing to Submit Proposed Amendment to Ministry of the Environment, Conservation and Parks</b>
1.	Preface, Figure ES.7	Update map to include Well 4 WHPA.	November 2018
2.	Chapter 2, Section 2.3.2 (Municipal Groundwater Systems)	Update text to reflect addition of Well 4, and Well 2 becoming backup. Update text to reflect decommissioning of Alton wells 1 and 2.	November 2018
3.	Chapter 2, Figure 2.22 and Figure 2.23	Update Figure to reflect Orangeville chloride and nitrate concentration.	November 2018
4.	Chapter 4, Section 4.1.3	Update SGRA description to clarify process and program updates.	November 2018
5.	Chapter 4, Figure 4.5	Update figure to reflect inclusion of Well 4 WHPA.	November 2018
6.	Chapter 4, Figure 4.8	Update figure to reflect vulnerability in Orangeville.	November 2018
7.	Chapter 4, Figure 4.16, Figure 4.19, Figure 4.22	Update Hillsburgh mapping	November 2018
8.	Chapter 4, Section 4.8.1	Update text to reflect addition of Well 4, and removed Alton well 1 and 2.	November 2018
9.	Chapter 4, Section 4.8.2	Add name of technical reports to list. Clarify the extent of peer review.	November 2018
10.	Chapter 4, Figure 4.33	Update Wellhead Protection Area mapping to add Well 4.	November 2018
11.	Chapter 4, Figure 4.36	Update Groundwater Vulnerability in WHPAs mapping to add Well 4.	November 2018
12.	Chapter 4, Section 4.8.5	Update transport pathway vulnerability rating for Alton and Caledon Village.	November 2018
13.	Chapter 4, Figure 4.35	Update transport pathway vulnerability for Alton and Caledon Village.	November 2018
14.	Chapter 4, Figure 4.39	Update Vulnerability Scores for WHPAs mapping to add Well 4.	November 2018
15.	Chapter 4, Table 4.11	Update to reflect the addition of Well 4.	November 2018

16.	Chapter 5, Table 5.10	Update to reflect the addition of Well 4; Summarize number of threats and parcels.	November 2018
17.	Chapter 5, Section 5.5.6	Update text to reflect number of significant drinking water threats.	November 2018
18.	Chapter 5, Figure 5.26, Figure 5.27, Figure 5.28	Update areas of significant, moderate, or low threats in Hillsburgh.	November 2018
19.	Chapter 5, Table 5.26	Update count of significant drinking water threats.	November 2018
20.	Chapter 5, Figure 5.43	Update areas of significant, moderate, and low threats – chemicals.	November 2018
21.	Chapter 5, Figure 5.44	Update areas of significant, moderate, and low threats – pathogens.	November 2018
22.	Chapter 5, Figure 5.45	Update areas of significant, moderate, and low threats – DNAPLs.	November 2018
23.	Chapter 5, Section 5.9	Update text to reflect threats total.	November 2018
24.	Chapter 5, Table 5.44	Update to reflect the addition of Well 4; Summarize number of threats and parcels.	November 2018
25.	Chapter 6, Table 6.1	Update to reflect the addition of Well 4; Summarize number of threats and parcels.	November 2018
26.	Chapter 6, Section 6.3	Update text to reflect number of significant drinking water threats.	November 2018
27.	Chapter 7	Update Bibliography to include new reference to foundation reports.	November 2018
28.	Appendix C1, Table C1-12	Reflect removal of Well 1 and addition of Well 4.	November 2018
29.	Appendix D, Table D2-15	Update values for Well 2A and Well 5/5A, which were switched.	November 2018
30.	Appendix D, Table D2-28	Reflect depth and aquifer setting for Well 4.	November 2018
31.	Appendix D, Table D2-30	Reflect pumping rate for Well 4. Remove Well 1.	November 2018
32.	Appendix D, Table D2-31	Add lack of GUDI Status for Well 4.	November 2018
33.	Appendix D, Section D2.5	Update Bibliography to include new reference to foundation reports.	November 2018
34.	Appendix E, Table E3-4	Update table to add Managed Lands data for Well 4.	November 2018
35.	Appendix E, Figure E3-14	Update map to reflect percent managed land for Inglewood with the addition of Well 4.	November 2018
36.	Appendix E, Table E3-8	Update table to add Livestock Density data for Well 4.	November 2018
37.	Appendix E, Figure E3-29	Update map to reflect livestock density for Inglewood.	November 2018

38.	Appendix E, Figure E3-40	Update map to reflect impervious surfaces for Inglewood.	November 2018
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