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CTC Source Protection Region

Source Protection Committee

Toronto and Region Assessment Report

NOTICE OF AMENDMENTS

Amendments to this document, made under Ontario Regulation 287/07, Section 51, following its approval in July 2015, are summarized in the attached tables.

DATE AMENDMENTS POSTED: June 5, 2018

Last Updated: January 2018

The following amendments were made to the Executive Summary and Glossary of the **Approved Updated Assessment Report: Toronto and Region Source Protection Area** pursuant to Section 51 of Ontario Regulation 287/07 of the Clean Water Act.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
O.REG 287/07 S.51(1) An amendment that is made to correct a clerical, grammatical or typographical error.	ES-i (assessment report); ES-1 (source, protection, committee, area, vulnerability); ES-3 (amended plan); ES-4 (risk assessment, significant, moderate, low); ES-5 (quantity, source protection plan, event area); ES-25 (transport pathways);	Un-capitalize word when it is not a proper noun, or not the beginning of a sentence.
	ES-i (amended proposed); ES-iii (title of position and department); ES-21 (A);	Capitalize word when it is a proper noun, the beginning of a sentence, or for emphasis.
	ES-1;	Space added to separate words, or after a period.
	ES-I; ES-iii; ES-3; ES-4	Remove double space after period.
	ES-18 (Earth's surface);	Add "s" to agree with the plural subject.
	ES-i (;);	Remove punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	ES-1 (WHAP-1); ES-2 (two-hour); ES-3 (WHAP-Q1); ES-4 (WHAP-Q1,); ES-5 (period in E. coli), (event-based); ES-15 (add degree);	Add punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	ES-5 (\ to or);	Replace punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	ES-2 (one); ES-4 (six, one);	Write out numbers under 10, and over 10,000. Use number when it is paired with a unit.
	ES-i (sector, the general); ES-1 (and, and, per the technical rules - repeated); ES-3 (jurisdiction); ES-5 (is); ES-18 (inside, large); ES-21 (level); ES-22 (that are); ES-25 (A, to);	Remove word to improve the clarity of text.
	ES-i (This – The, municipalities – municipal,), (previous –	Replace word to improve the clarity of text or if it is misspelled.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
	2012); ES-ii (the – this); (this – the); ES-2 (delineated – delineations, which – that); ES-4 (analyses – analysis); ES-6 (TRSPA – region); ES-15 (general – generally); ES-16 (is – are); ES-20 (A curve – Bends, swings – curves, athe);	
	ES-i (a), ES-iii (position or department to staff list); ES-2 (and); ES-16 (Drinking Water Concerns); ES-18 (of the forest, including); ES-22 (not); ES-26 (to);	Add word improve the clarity of text.
	ES-6 (EBA);	Spell out acronym when it is the first time the acronym is used, or for clarity.
	ES-i (committee to SPC, Assessment Report TRSPA – Assessment Report); ES-i, ES-ii, (Updated Approved: Toronto and Region Source Protection Area – Assessment Report); ES-ii (SPC); ES-1 (TRSPA – Assessment Report); ES-1 (SPC first use in report add acronym); ES-1 (Assessment Report replace full name of report); ES-1 (TRSPA first use add acronym); ES-1, ES-2, ES-3, ES-4, ES-5, ES-6 (TRSPA); ES-2 (spell out WWTP); ES-2 (SPC); ES-3 (Assessment Report instead of full report name); ES-5 (ICA first use), (WTP first use), (ODWS first use); ES-6 (EBA removed only used once more in chapter); ES-14 (BOD); ES-21 (ODWS); ES-25 (WTP, WWTP); ES-26 (WWIS);	Update acronym to be consistent with the rest of the text (e.g., remove acronyms when not used again in the chapter, remove plural when not appropriate, etc.)
	ES-3;	Correct e.g., i.e., format.
	ES-i (proposed, amended proposed);	Italics words that are the title of a publication, and are defined in definition boxes.
	ES-i, ES-ii, ES-1, ES-2, ES-3, ES-4, ES-5, (Assessment Report);	Un-italics words when not the formal name of a report, nor the first time a "definition box" word is used, and when the emphasis is distracting from the clarity of the text.
	ES-1; ES-5;	Bulleted list is capitalized, with semi-colon after each point, with "and" at end of second last point, and a period after the last point.
	ES-1 (Figure ES:2 to 7); ES-2 (Figure ES: 2 to 3), (Figure ES: 3 to 4), (Figure ES: 4 to 5); ES-3 (Figure ES: 5 to 6),	Figure numbering shifted so second mentioned figure is Figure ES: 2 instead of ES: 7, following figures renumbered in

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
	(Figure ES: 6 to 7), (Figure ES: 7 to 2); ES-4 (Figure ES: 7	accordance.
	to 2);	
	ES-7 (Source Protection Areas and Regions - Source	Update figure titles.
	Protection Regions and Source Protection Areas in	-
	Ontario); ES-8 (Figure ES: 7: WHPA Q1/Q2 York Region	
	Tier 3 in TRSPA - Figure ES: 2: WHPA-Q1/Q2 York	
	Region Tier 3 Water Budget in TRSPA); ES-9 (Figure ES:	
	2: Lake Ontario Intake Protection Zones with	
	Vulnerability Scoring - Figure ES: 3: Intake Protection	
	Zones Delineation 1 and 2 with Vulnerability Scoring for	
	TRSPA Water Treatment Plants); ES-10 (Figure ES: 3:	
	Location of IPZs and Municipal Surface Water Intakes –	
	Figure ES: 4: Location of Intake Protection Zones and	
	Municipal Surface Water Intakes); ES-11 (Figure ES: 4:	
	Significant Groundwater Recharge Areas - Figure ES: 5:	
	Significant Groundwater Recharge Areas (SGRAs) with	
	Vulnerability Scoring); ES-12 (Figure ES: 5: Highly	
	Vulnerable Aquifers Areas - Figure ES: 6: Highly	
	Vulnerable Aquifers Areas (HVAs) with Vulnerability	
	Scoring); ES-13 (Figure ES: 6 – Figure ES: 7)	
	ES-3 (Figures 5.33 to Figure 5.42); ES-4 (WHAP map	Update reference to figures.
	figures);	
	ES-i The SPC's ultimate role is to develop a Source	Text changed to: The SPC's ultimate role is to develop a Source
	Protection Plan that when implemented by the	Protection Plan that will be implemented by responsible parties,
	responsible parties (including municipalities),	including municipalities, and will eliminate, reduce, or manage
	eliminates, reduces, or manages threats to drinking	threats to drinking water sources, both now and in the future.
	water sources, both now and in the future.	
	ES-i The Amended Assessment Report: Toronto and	Text changed to: A previous version of the Assessment Report
	Region Source Protection Area was submitted and	was approved by the Ministry of the Environment in January,
	approved by the Ministry of the Environment in January	2012 after revisions and public consultation.
	2012, after revisions and public consultation.	
	ES-iii The writing team wishes to thank the following	Text changed to: The writing team wishes to thank the following
	staff at the Regions of Peel, York, Durham, and Halton;	staff for their valuable review comments, sharing of information,
	City of Toronto; the Towns of Orangeville, Mono, Erin,	and support.
	and the Township of Amaranth for their valuable	

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
	review comments, sharing of information, and support.	
	ES-18 Great Lakes : The five (large) lakes located in Canada and United States: Lake Ontario, Lake Superior, Lake Huron, Lake Erie, and Lake Michigan.	Text changed to: Great Lakes : The five interconnected freshwater lakes located along the border of Canada and the United States: Lake Ontario, Lake Superior, Lake Huron, Lake Erie, and Lake Michigan.
	ES-19 GUDI : Groundwater Under the Direct Influence of Surface Water	Text changed to: Groundwater Under the Direct Influence of Surface Water (GUDI) : The groundwater supply sources that are vulnerable to contamination from nearby surface water or infiltrating precipitation.
	ES-19 Land Use: A particular use of space at or near the	Text changed to: Land Use: The management and modification
	earth surface with associated activities, substances and	of the natural environment for associated activities, substances
	events related to the particular land use designation.	and events related to the particular land use designation.
	ES-i From this point the Approved Updated Assessment Report: Toronto and Region Source Protection Area (TRSPA) will be referred to as the Assessment Report. ES-1 From this point forward the Approved Updated Assessment Report: Toronto and Region Source Protection Area (TRSPA) will be referred to as the Assessment Report. ES-19 Groundwater supply sources that have a direct	Deleted repetitive text. Add text to improve clarity and consistency between ARs
	hydrological connection to surface water sources (rivers, streams, ponds, etc.), and are therefore vulnerable to contamination from the surface.	
O.REG 287/07 S.51(2) An amendment that is made to	ES-1 (shift bracket to close around acronym);	Change brackets to be consistent.
alter the style or presentation of text or graphics in order to improve electronic or print presentation.	ES-2 (IPZ 1, IPZ 2, SGRA map); ES-3 (HVA map, WHAP map, IPZ-3 maps); ES-4 WHPA map, HVA map, SGRA mapES-6 (19, 10, 456, Source Water Protection, 416-661-6898);	Un-bold text if emphasis is distracting.
	ES-6 (19, 10, 456);	Un-underline text if emphasis is distracting.
	ES-6 (shift fax info to same formatting as other contact information);	Update spacing alignment to make text consistent between ARs and clearer to read.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
O.REG 287/07 S.51(3) If the source protection plan contains a provision that is contingent on the occurrence of a future event and the event occurs, an amendment that is made to remove the text referring to the contingency and to make any related changes.	ES-3 changed text from: "When the SPP is approved, the Minister of the Environment and Climate Change will set the date by which the SPP must be reviewed and updated, as necessary."	Changed text to: The source protection plan was approved by the Minister of the Environment and Climate Change on July 28, 2015 and became effective on December 31, 2015.
O.REG 287/07 S.51(4)	ES-I; ES-16; ES-22;	MOE to MOECC
An amendment that is made to change references to a name, title, location, or address if the name, title, location or address of a body, office, person, place or thing has changed.	ES-21 (www.ene.gov.on.ca - https://www.ontario.ca/page/source-protection) – "for more information on the Ontario Ministry of the Environment and Climate Change (MOECC) and the Clean Water Act" change Clean Water Act to source protection. ES-5 (https://www.ontario.ca/environment-and-energy/provincial-tables-circumstances to https://www.ontario.ca/page/tables-drinking-water-threats)	Update web address
	ES-4	Update link to http://swpip.ca/Threats

Last Updated: January 2018

The following amendments were made to Chapter 1 of the **Approved Updated Assessment Report: Toronto and Region Source Protection Area** pursuant to Section 51 of Ontario Regulation 287/07 of the Clean Water Act.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
O.REG 287/07 S.51(1) An amendment that is made to correct a clerical, grammatical or typographical error.	1-2 (ministry, terms reference, assessment report, source protection plan, source protection area, source protection authority); 1-3 (assessment report, term reference, source protection area); 1-4 (authority, assessment report, source protection authority); 1-5 (assessment report); 1-10 (chapters, data sources); 1-11 (vulnerable areas, water);	Un-capitalize word when it is not a proper noun, or not the beginning of a sentence.
	1-10, 1-11;	Remove double space after period.
	1-5 (watersheds); 1-11 (assessment reports)	Add "s" to agree with the plural subject.
	1-2 (.); 1-2 (:); 1-3 (,); 1-10 (,);	Add punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	1-5 (five);	Write out numbers under 10, and over 10,000. Use number when it is paired with a unit.
	1-1 (in conjunction with its associated regulations); 1-2 (the); 1-3 (both, source, jurisdiction, ultimately); 1-5 (units); 1-10 (of the, included in this assessment report); 1-11 (previously);	Remove word to improve the clarity of text.
	1-1 (for-in); 1-2 (here hyperlink – link); 1-3 (and – or); 1-3 (perspectives – threats); 1-3 (presented – around wells and intakes); 1-3 (them – municipal drinking water sources); 1-3 (is working in partnership – partners); 1-3, 1-4 (Authority – TRSPA); 1-5 (who – that); 1-11 (this – the CTC);	Replace word to improve the clarity of text or if it is misspelled.
	1-2 (1990); 1-3 (the); 1-4 (source protection, TRSPA); 1-5 (and areas, under the CWA); 1-11 (lead, Source	Add word improve the clarity of text.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
	Protection);	
	1-1 (CWA); 1-3 (SPP, SPC, TRSPA, CVSPA, CLOSPA, SPP);	Update acronym to be consistent with the rest of the text (e.g., remove acronyms when not used again in the chapter, remove plural when not appropriate, etc.)
	1-1 (remove Nov);	Update reference to be in correct and consistent form.
	1-2 (technical rules);	Italics words that are the title of a publication, and are defined in definition boxes.
	1-2, 1-3, 1-5, 1-10, 1-11, 1-12, (Assessment Report);	Un-italics words when not the formal name of a report, nor the first time a "definition box" word is used, and when the emphasis is distracting from the clarity of the text.
	1-1; 1-2; 1-6;	Bulleted list is capitalized, with semi-colon after each point, with "and" at end of second last point, and a period after the last point.
	1-5 (This Assessment Report is for the Toronto and Region Source Protection Area (TRSPA)	Delete repetitive text or to improve the clarity of text.
	1-5 (The watershed limits are shown in Figure 1.20	
	1-5 Update text from: The Toronto and Region Source Protection Area watersheds form the TRSPA as one of the SPAs with the CTC Source Protection Region established in regulation under the CWA. The Credit Valley Source Protection Area has a single watershed (Credit River) which forms the CVSPA as one of the other SPAs within the CTC Source Protection Region and Central Lake Ontario Source Protection Area watersheds form the remainder of the CTC Source Protection Region. A map showing the boundaries of the TRSPA is presented in Figure 1.3.	Update text to: Toronto and Region Conservation's nine watersheds form the TRSPA. A map showing the boundaries of the TRSPA is presented in Figure 1.3. Credit Valley Conservation has a single watershed, Credit River, which forms the CVSPA and CLOSPA's 15 small watersheds form the remainder of the CTC Source Protection Region.
	1-11 update text from: This current Assessment Report contains proposed updates to this approved version.	Update text to: This current Assessment Report contains further approved updates to the January 18, 2012 version. It includes the updated information submitted for approval in the fall of 2012 plus more recently completed work.
O.REG 287/07 S.51(2)	1-10 (square to round);	Change brackets to be consistent.
An amendment that is made to	1-10 (url); 1-10 (appendices)	Un-bold text if emphasis is distracting.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
alter the style or presentation of text or graphics in order to	1-5 (figure); 1-5 (15, 5);	Bold words that refer to other sections, chapters, figures, tables in the AR, or are titles in the report.
improve electronic or print presentation.	1-5, 1-6 (numbers to bullets);	Update bullets to be consistent within and across assessment reports.
	1-2 (combine lone sentances);	Update spacing alignment to make text consistent between ARs and clearer to read.
O.REG 287/07 S.51(4)	1-2	MNR to MNRF
An amendment that is made to	1-1; 1-2; 1-3; 1-11	MOE to MOECC
change references to a name, title, location, or address if the	1-3 and 1-4	Replace Table 1.1 Members of the SPC with link to members on website.
name, title, location or address of a body, office, person, place or thing has changed.	1-1 (http://www.ontario.ca/environment-and-energy/technical-rules-assessment-report to https://www.ontario.ca/page/2013-technical-rules-under-the-clean-water-act); 1-2 (http://www.e-laws.gov.on.ca/html/statutes/english/elaws statutes 0 6c22 e.htm to https://www.ontario.ca/laws/statute/06c22); 1-2 (https://www.ontario.ca/environment-and-energy/technical-rules-assessment-report to https://www.ontario.ca/page/2013-technical-rules-under-the-clean-water-act); 1-2 (http://swpip.ca/Threats);1-10 (technical documents CTC website);	Update website

Last Updated: January 2018

The following amendments were made to Chapter 2 of the **Approved Updated Assessment Report: Toronto and Region Source Protection Area** pursuant to Section 51 of Ontario Regulation 287/07 of the Clean Water Act.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
O.REG 287/07 S.51(1) An amendment that is made to correct a clerical, grammatical or typographical error.	2-7 (greenfields, rural); 2-8 (project); 2-12, 2-14 (creeks, rivers); 2-17 (rivers, creeks, authority); 2-18 (reports); 2-19 (supplies); 2-22 (internet); 2-27, 2-28 (region); 2-28 (assessment report); 2-32 (drinking water standards), drinking water system; 2-33 (report); 2-34 (states, report); 2-35 (principles goals, area concern, states, provinces, agreement, towns, the); 2-40 (rivers); 2-41 (drinking water intake); 2-46 (aquifers); 2-50 (regions, conservation authority); 2-59 (watershed); 2-63 (rivers); 2-63 (assessment reports); 2-66 (creeks); 2-67 (rivers);	Un-capitalize word when it is not a proper noun, or not the beginning of a sentence.
	2-12 (Brook, Redside, Rainbow); 2-14 (Brook); 2-17 (Redside, Least); 2-26 (Aquifer, Giardia, Cryptosporidium); 2-33 (Part); 2-66 (Redside);	Capitalize word when it is a proper noun, the beginning of a sentence, or for emphasis.
	2-35;	Space added to separate words, or after a period.
	Throughout report	Remove double space after period.
	2-1; 2-28; 2-33;	Remove extra space between words or punctuation.
	2-35 (MOE's); 2-56 (seeks);	Add "s" to agree with the plural subject.
	2-56 (use);	Remove "s" when it does not agree with the singular tense.
	2-34 (hanging bracket); 2-56 (""); 2-58 (,);	Remove punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	2-14 (,); 2-26 (-); 2-33 (:); 2-35 ('); 2-35 (,); 2-40, 2-41, 2-50, 2-54, 2-56, 2-60 (,); 2-54 (add beginning bracket); 2-59 (-); 2-67 (,);	Add punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	2-14 (bracket to -); 2-34 (: - the); 2-50, 2-56, 2-60, 2-66	Replace punctuation to be consistent with the style of the rest of

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
	(/ - and); 2-54, 2-56 (/ - or); 2-60 (, -;);	the AR, or to improve the clarity of text.
	2-7 (three); 2-35 (eight); 2-67 (6, 4, 1 million);	Write out numbers under 10, and over 10,000. Use number when it is paired with a unit.
	2-1, 2-12 (all); 2-17 (and); 2-22 (the); 2-32 (and); 2-33 (compounds); 2-33 (and); 2-34 (based, the); 2-35 (were); 2-38 (and); 2-40 (accordingly); 2-46 (also); 2-50 (because); 2-58 (and, throughout); 2-66 (the other, the); 2-67 (although); 2-68 (extensively, particularly)	Remove word to improve the clarity of text.
	2-32 (us to see if – in understanding whether); 2-32 (plus – and); 2-33 (as well as – and); 2-34 (the – this); 2-35 (this – the); 2-40 (percent - %); 2-41 (interpretation of – interpreting); 2-41, 2-42 (close to - near); 2-48 (sporadically – on occasion); 2-50 (the – including); 2-59 (of – on, discharging - discharged); 2-60 (in – with, as well as – and to the, southerly to – south to, as well as – and, some – also, as well as limited - and); 2-67 (all – which combined);	Replace word to improve the clarity of text or if it is misspelled.
	2-1 (in the TRSPA); 2-2 (completed); 2-17 (River, conservation); 2-18 (and, is); 2-26 (Complex); 2-28 (Assessment); 2-34 (also); 2-38 (River); 2-40 (data); 2-41 (a); 2-42 (near); 2-50 (therefore, in table 2.9); 2-54 (the); 2-56 (in TRSPA); 2-58 (which is); 2-59 (that, are, but they are); 2-60 (and); 2-66 (are); 2-67 (and used); 2-68 (used for, and used, storm);	Add word improve the clarity of text.
	2-7 (area); 2-22 (for); 2-40 (also); 2-59 (generally);	Shift word in sentence to improve clarity.
	2-8, 2-17, 2-58, 2-59, 2-63, 2-66, 2-67 (ORM);	Spell out acronym when it is the first time the acronym is used, or for clarity.
	2-1 (TRSPA, TRCA); 2-7 (ORM); 2-28 (GUDI); 2-35 (AOC, BUI); 2-41 (CFU); 2-60 (SWM);	Update acronym to be consistent with the rest of the text (e.g., remove acronyms when not used again in the chapter, remove plural when not appropriate, etc.)
	2-33, 2-59 (move reference to end of sentence); 2-35 (update author); 2-46 (end of sentence);	Update reference to be in correct and consistent form.
	2-41;	Correct e.g., i.e., format.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
	2-22 (separate thoughts); 2-35 (run-on); 2-36 (run-on); 2-48 (separate thoughts); 2-56 (run-on); 2-67 (run-on);	Make one sentence two to improve the clarity of text or when there is a run-on sentence.
	2-12 (morphology); 2-16, 2-34, 2-35 (name of report);	Italics words that are the title of a publication, and are defined in definition boxes.
	2-1, 2-2, 2-18, 2-28, 2-63 (Assessment Report); 2-2 (Characterization Report); 2-14 (morphology); 2-18 (Lake Ontario Collaborative Reports); 2-36 (and the); 2-38 (median); 2-50 (acronym for Growth Plan, acronym for ORMCP); 2-51 (acronym for Growth Plan, Urban Growth Centres); 2-54, 2-56, 2-58 (land use areas); 2-56, 2-58, 2-59, 2-63 (acronym); 2-59, 2-60, 2-63, 2-66, 2-67 (land use areas);	Un-italics words when not the formal name of a report, nor the first time a "definition box" word is used, and when the emphasis is distracting from the clarity of the text.
	2-1; 2-6; 2-22; 2-46;	Bulleted list is capitalized, with semi-colon after each point, with "and" at end of second last point, and a period after the last point.
	2-68 (Of course, extreme storm events can occur at anytime, including the summer months.)	Delete repetitive text or to improve the clarity of text.
	2-40 changed text from: However, contaminants from other water courses can influence near shore water quality along the TRSPA shoreline of Lake Ontario following major storm events. These events typically occur in the summer months and during periods of snow melt or rainfall induced runoff during frozen ground periods over winter. However, contaminants from other water courses entering Lake Ontario can influence nearshore water quality of the lake., particularly after major storm events in the summer months and during periods of snow melt or rainfall induced runoff during frozen ground periods over	Changed text to: However, contaminants from other water courses can influence near shore water quality along the TRSPA shoreline of Lake Ontario following major storm events. These events typically occur in the summer months, and during periods of snow melt or rainfall induced runoff during frozen ground periods over winter. Whether drinking water plant intakes witin TRSPA jurisdiction are affected depends on mixing and circulations patterns in the lake. Watershed inputs can, under certain "in-lake" mixing conditions impact the quality of source waters entering the municipal drinking water treatment plants.
	winterMixing and circulations patterns in the lake, will in turn determine whether or not drinking water plant intakes within the TRSPA jurisdiction are affected. It is recognized that watershed inputs, can under certain "in lake" mixing conditions impact the quality of source	

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	waters entering the municipal drinking water treatment plants.	
	2-59 Changed text from: Except where legislation such as the <i>Greenbelt Plan</i> prohibits the expansion or introduction of lake-based water and sewer services (to control growth), virtually all new growth and development within TRSPA watersheds will be fully serviced by Lake Ontario supply.	Changed text to: Virtually all new growth and development within TRSPA watersheds will be fully serviced by Lake Ontario supply, except where legislation such as the Greenbelt Plan prohibits the expansion or introduction of lake-based water and sewer services (to control growth).
	2-63 Changed text from: The <i>Greenbelt Plan</i> also limits new urban uses and urban expansion within the <i>Protected Countryside</i> designation. Within the <i>Protected Countryside</i> , the Plan gives protection to the Natural Heritage System, including water resources.	Changed text to: Within Protected Countryside, the Greenbelt Plan also gives protection to the Natural Heritage System, including water resources. The Greenbelt Plan limits new urban uses and urban expansion within the Protected Countryside designation.
O.REG 287/07 S.51(2)	2-7, 2-11, 2-36, 2-47 (square to round);	Change brackets to be consistent.
An amendment that is made to alter the style or presentation of	2-1, 2-47 (appendix reference); 2-32, 2-47 (title);	Bold words that refer to other sections, chapters, figures, tables in the AR, or are titles in the report.
text or graphics in order to	2-14 (shift morphology definition to 2-12);	Update textbox to be consistent format.
improve electronic or print presentation.	2-51 (add bullets to list);	Update bullets to be consistent within and across assessment reports.
O.REG 287/07 S.51(4)	2-50;	MNR to MNRF
An amendment that is made to	2-33; 2-36; 2-47; 2-48; 2-56	MOE to MOECC
change references to a name, title, location, or address if the name, title, location or address of a body, office, person, place or thing has changed.	2-47 (www.peelregion.ca/water - https://www.peelregion.ca/pw/water/); 2-47 (http://www.york.ca/services/water - https://www.york.ca/wps/portal/yorkhome/environme nt/yr/waterandwastewater 2-47 (www.durham.ca/works.asp?nr=departments/works/re ports/reportsinside.htm - https://www.durham.ca/en/living-here/about- water.aspx) 2-64 (http://swpip.ca/Threats)	Update website link

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
O.REG 287/07 S.51(5)	2-51, 2-54, 2-56, 2-63 (Figure 2.20 – Figure 2.18);	Correct errors in numbering
An amendment that is made to		
correct errors in the numbering		
of provisions of the source		
protection plan and any related		
changes in cross-reference.		

Last Updated: January 2018

The following amendments were made to Chapter 3 of the **Approved Updated Assessment Report: Toronto and Region Source Protection Area** pursuant to Section 51 of Ontario Regulation 287/07 of the Clean Water Act.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
O.REG 287/07 S.51(1) An amendment that is made to correct a clerical, grammatical or typographical error.	3-1 (source protection plan, source protection); 3-2 (groundwater, source protection authority); 3-12 (southern); 3-16 (rivers); 3-31 (water budget); 3-32 (baseflow, runoff); 3-40 (dams); 3-45 (valleys); 3-50 (groups); 3-56 (southern); 3-61 (rivers); 3-62 moderate significant); 3-68 (source protection regions); 3-68 (section); 3-70 (conservation authority); 3-71 (study area); 3-72 (risk scenario, risk level, study area, water budget); 3-73 (interim guidance, planned quantity of water,); 3-76 (safe water level); 3-77 (version); 3-78 (conservation authorities); 3-84 (committed demand, lawful, assessment, risk level); 3-86 (regions); 3-90 (study area); 3-94 (water supply); 3-110 (well system characterization); 3-110 (study period); 3-18 (moderate significant); 3-118 (moderate water quantity threats); 3-118 (significant water quantity threats; 3-118 (CA); 3-123 (risk assessment, Area)	Un-capitalize word when it is not a proper noun, or not the beginning of a sentence.
	3-1 (province); 3-17 (Lapetus); 3-107 (Lower); 3-118 (Local Area); 3-121 (Local Area); 3-122 (Local Area); 3-123 (Area)	Capitalize word when it is a proper noun, the beginning of a sentence, or for emphasis.
	3-1, 3-17; 3-55; 3-83; 3-90; 3-94;	Space added to separate words, or after a period.
	3-1; 3-4; 3-5; 3-16; 3-32; 3-61; 3-62; 3-77; 3-98; 3-110; 3-115; 3-118	Remove double space after period.
	3-68	Remove extra space between words or punctuation.
	3-27 (EC's); 3-42 (watersheds); 3-61 (rivers); 3-86	Add "s" to agree with the plural subject.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
	(regions);	
	3-60 (percentage);	Remove "s" when it does not agree with the singular tense.
	3-5, 3-31, 3-31, 3-31, 3-40, 3-40, 3-40, 3-50, 3-56, 3-110 (,); 3-44 (;); 3-110 (" '); 3-85 (1-m); 3-118 (1-m); 3-118	Remove punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	3-2, 3-4,3-5, 3-12, 3-16, 3-22, 3-31, 3-40, 3-40, 3-45, 3-50, 3-67, 3-68, 3-80, 3-81, 3-115, 3-118 (,); 3-16 (.); 3-94 ("");	Add punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	3-78 (, to −);	Replace punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	3-2 ('4,000,000-6,000,000' change to '4 million to 6 million'); 3-1 (1,000,000 - 1 million); 3-31 (5-7 to five to seven); 3-32 (six three two); 3-77 (1 – one, comma before thousandths place); 3-78 (twelve);	Write out numbers under 10, and million, ## for numbers in between
	3-4 (the); 3-16 ('deposited and' – repetitive text); 3-27 (the); 3-31 (and); 3-32 (of the); 3-45 (aquitard in text box duplicate, and); 3-56 (time during); 3-58 (however, although the); 5-55 (most parts of); 3-56 (amounts); 3-56 (of this assessment report); 3-57 (these); 5-57 (the portion of); 3-58 (below); 3-60 (a); 3-72 (called); 3-72 (such); 3-78 (in turn); 7-78 (forms, types of, which at the same time); 3-81 (heads); 3-81 (in heads); 3-84 (is); 3-90 (that which); 3-95 (however);3-107 only; 3-114 (on a); 3-99 (aquifer units); 3-110 (aquifer); 3-118 (also); 3-118 (the part that extends into); 3-118 (to that portion); 3-121 (a); 3-121 (of the);	Remove word to improve the clarity of text.
	3-2 (excepting to except for); 3-4 (on to in); 3-16 (them – the units; 3-31 (shift word to be before acronym); 3-32 (Jan – Dec to January to December); 3-55 (reference from division to Natural Resources Canada); 5-56 (these types of – rain or snowfall); 5-58 (as a norm – that characterize the area); 5-55 (flooding to floods); 3-58 (tiered to tier, also shifted in sentence); 3-60 (are to range); 3-61 (ont to O – reg); 3-62 (on to in); 3-72	Replace word to improve the clarity of text or if it is misspelled.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
	(subwatershed one word); 7-73 (WHAP Q to WHAP-Q, /-or); 7-78 (however to but); 3-107, 3-110 (Error message to Figure 3.45); 3-118 (that to their);	
	3-5 (to); 3-27 (creek); 3-32 (to); 3-43 (in, and); 3-55 (temperature); 3-56 (of precipitation); 3-55 (models); 5-56 (also); 3-60 (in water budget measures; in subwatersheds); 3-61 (River); 3-72 (and); 3-77 (2006, model); 3-78 (which); 3-78 (the); 3-81 (potentiometric); Figure list, 3-5, 3-45, 3-46, (Complex to ORA); 3-112 (well); 3-115 (Scenario D); 3-118 (Area); 3-74 (; or to separate list);	Add word improve the clarity of text.
	3-5 (ORM); 3-12 (ORM); 3-16 (ORM); 3-17 (ORM); 3-22 (ORM); 3-31 (replace text with Acronym PRMS); 3-42 (ORM); 3-44 (orm); 3-45 (orm); 3-50 (orm); 3-61 (ORM); 3-77 (WSC); 3-79 (replace text with Acronym PRMS);	Spell out acronym when it is the first time the acronym is used, or for clarity.
	3-120 (PSW); 3-91 (WTRS); 3-94, 3-99, 3-107 (ORAC); 3-110 (groundwater, surface water); 3-114 (ORAC, SAC); 3-115 (ORM, Thorncliff Aquifer); 3-99, 3-107, 3-110, (SAC); 3-99, 3-107, 3-110 (TAC); 3-118 (SPR); 3-122 (ORMC, ORM); 3-123 (LSRCA);	
	3-95 Table 3.18 (masl to mASL); 3-57 (CGCM); 3-61 (spell out first instance of PTTW); 3-61 (spell out first instance of MNRF); 3-77 (remove spelled out MNRF); 3-77 (remove WSC – only used 4 times in chapter); 3-50 (replace text with acronym MOECC); 3-83 (replace text with acronym MNRF); 3-71 (MOECC and MNRF from text); 3-80 (WWIS spell out); 3-81 (OP); 3-85 (PSW); 3-110 (Oct to October); 3-118 (PTTW); 3-118 (remove TCC); 3-123 (remove ESGRA);	Update acronym to be consistent with the rest of the text (e.g., remove acronyms when not used again in the chapter, remove plural when not appropriate, etc.)
	3-3 (correct spelling add et al); 3-4 (change year); 3-16 (add b to year); 3-55 (change reference to NRC 2007); 3-57 (added a)(Piggott 2003 – 2001); 3-77, 3-78 (removed a Earthfx 2013, update year of Leavesley 1983 – 1987); 3-79 (italicize et al.); 3-80 (Earthfx 2013 remove b); 3-81 (Earthfx 2013 remove a); 3-86 (delete b); 3-98 (remove	Update reference to be in correct and consistent form.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
	a)(per. Comm. Formatting); 3-118 (Earthfx 2013 remove a); 3-118 (separate text from references); 3-122 (Earthfx, 2011 remove b);	
	3-4; 3-118;	Correct e.g., i.e., format.
	3-4 (remove while); 3-4 (period before therefore); 3-40 (remove however); 3-42 (capitalize however); 3-50 (replace but with however); 3-57 (separate two different decade events); 3-60 (for example new); 3-61 (remove and); 3-61 (move definition out of brackets); 3-77 (remove and); 3-78 (separate two thoughts); 3-78 (delete these and change include to including); 3-114 (run-on sentence); 3-114 (run-on, separate with whereas); 3-115 (run-on, separate with whereas); 3-115 (remove although); 3-118 (run-on);	Make one sentence two to improve the clarity of text or when there is a run-on sentence.
	3-56 (similar info with same reference);	Combine two sentences to improve the clarity of text.
	3-70 (Clean Water Act, 2007); 3-77 (technical rules); 3-81, 84, 85 (technical rules); 3-90 (report name); 3-94 (technical rules);	Italics words that are the title of a publication, and are defined in definition boxes.
	3-1 (AR); 3-44 (AR); 3-62 (AR); 3-72 (Local Area); 3-76 (in-well, in-aquifer); 3-81 (AR); 3-81 (quote); 3-84 (planned quantity of water); 3-84 (assessment report); 3-85 (local area); 3-86 (AR); 3-90 (AR); 3-95 (Local Area); 3-96 (local area); 3-98 (simultaneously, measured); 3-99 (Local Area); 3-115 (Local Area); 3-116 (Local Area); 3-118 (Local Area); 3-122 (conceptual model);	Un-italics words when not the formal name of a report, nor the first time a "definition box" word is used, and when the emphasis is distracting from the clarity of the text.
	3-1; 3-31; 3-32; 3-81;	Bulleted list is capitalized, with semi-colon after each point, with "and" at end of second last point, and a period after the last point.
	3-99 (add chapter number)	Correct page numbering.
	3-121-122;	Move "for example" to beginning of sentence from the end.
	3-2 Changed sentence from: Although most of the water quantity is drawn from Lake Ontario for municipal water supplies, groundwater is also used extensively, particularly across the northern portion of	Sentence changed to: In the TRSPA most of the municipal water supply is drawn from Lake Ontario. Groundwater is also used extensively, particularly across the northern portion of the watershed.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
	the study area.	
	3-55 Changed sentence from: they protect the region from the worst of winter's cold and summer's heat.	Sentence changed to: mitigate extreme hot and cold temperatures.
	3-55 Changed sentence from: the spring and summer months are tornado season in the south subregion, an area which has the highest frequency of tornadoes in Canada.	Sentence changed to: Tornados can be experienced in southern Ontario, which has the highest frequency of tornadoes in Canada, in the spring and summer months.
	3-78 Changed sentence from: While at the same time, evapotranspiration and evaporation from interception and soil zone storage are decreased as the vegetative and pervious cover is changed, increasing the recharge potential	Sentence changed to: Groundwater recharge is simultaneously increased through reductions to vegetative and pervious cover leading to reductions in evapotranspiration and evaporation from interception and soil zone storage.
	3-78 Changed sentence from: Official land use plans for the York, Peel, Durham, and the Bradford regions were compiled	Sentence changed to: Official land use plans for York, Peel, and Durham region, and the Town of Bradford West Gwillimbury were compiled
	3-57 The two zones are largely distinguished by differing temperature patterns	Delete repetitive text.
O.REG 287/07 S.51(2) An amendment that is made to	3-31 (separate acronym and reference); 3-76 (add close bracket); 3-80 (remove hanging bracket);	Change brackets to be consistent.
alter the style or presentation of text or graphics in order to improve electronic or print	3-32 (baseflow); 3-62 (six, eleven – and un-underline); 3-72 (local area); 3-82 (report name); 3-84 (planned quantity of water);	Un-bold text if emphasis is distracting.
presentation.	3-86 (Figure 4.4, Figure 3.38);	Bold words that refer to other sections, chapters, figures, tables in the AR, or are titles in the report.
	3-110;	Un-underline text if emphasis is distracting.
	3-72-73 (indent bullets); 3-76 (numbers to bullets); 3-79 (number to bullet); 3-81 (number to bullets); 3-85 (numbers to bullets); 3-121 (numbers to bullets); 3-107 (number to bullet);	Update bullets to be consistent within and across assessment reports.
	3-6; 3-7; 3-8; 3-9; 3-10; 3-11; 3-13; 3-14; 3-15; 3-19; 3-20; 3-21; 3-23; 3-24; 3-30; 3-41; 3-46; 3-47; 3-48; 3-49; 3-51; 3-52; 3-53; 3-66; 3-69; 3-103; 3-119;	Shift figure title to bottom of figure to be consistent.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
	3-17 (2. List); 3-32 (move to previous paragraph); 3-56 to 3-55 (material shifted to reflect provincial to local scale); 3-55 (group seasonal effects); 3-55; 3-56; 3-79; 3-81 (remove spacing with quote and combine paragraph); 3-57 (move information on each zone together); 3-73 (planned quantity text); 3-94 (align paragraph);	Update spacing alignment to make text consistent between ARs or make the chapter more clearer to read.
	Section 3.9.10: 3-110-3-115;	Separate title from text to make uniform in report.
O.REG 287/07 S.51(4)	3-61; 3-62; 3-68; 3-78; 3-81; 3-107; 3-113; 3-119;	MNR to MNRF
An amendment that is made to change references to a name,	3-1; 3-50; 3-61; 3-63; 3-68; 3-73; 3-80; 3-83; 3-84; 3-89; 3-94; 3-95;	MOE to MOECC
title, location, or address if the name, title, location or address of a body, office, person, place or thing has changed.	3-55 (which remains the costliest natural disaster in Canadian history.);	Delete text
	3-89 (At present, the park is 50% developed).	
O.REG 287/07 S.51(5) An amendment that is made to correct errors in the numbering of provisions of the source protection plan and any related changes in cross-reference.	3-57 (Figure 3.2 to Figure 3.8); 3-63 (Figure 3.23);	Update figure numbering.
O.REG 287/07 S.51(6) An amendment that is made to correct errors, if it is patent that an error has been made and what the correction should be.	3-56	Remove text "Although annual precipitation totals will likely increase" because contradicts previous cited sentence.

Last Updated: January 2018

The following amendments were made to Chapter 4 of the **Approved Updated Assessment Report: Toronto and Region Source Protection Area** pursuant to Section 51 of Ontario Regulation 287/07 of the Clean Water Act.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
O.REG 287/07 S.51(1) An amendment that is made to correct a clerical, grammatical or typographical error.	4-1 (source protection committees, source protection area); 4-2 (source protection areas); 4-8 (area); 4-11 (watershed region); 4-13 (regional municipalities); 4-48 (vulnerability scores); 4-48 (information); 4-50 (time, sewer); 4-58 (zone vulnerability); 4-58 (creeks); 4-59 (reports); 4-62 (conservation authorities);	Un-capitalize word when it is not a proper noun, or not the beginning of a sentence.
	4-3 (Province); 4-46 (the); 4-47 (if); 4-48 (type);	Capitalize word when it is a proper noun, the beginning of a sentence, or for emphasis.
	4-3; 4-12; 4-50 (number and unit);	Space added to separate words, or after a period.
	4-3; 4-5; 4-11; 4-12; 4-16; 4-17; 4-26; 4-27; 4-28; 4-41; 4-42; 4-46; 4-47; 4-50; 4-58; 4-59; 4-60; 4-61; 4-62; 4-64;	Remove double space after period.
	4-28, 4-27, 4-41 (well field); 4-48;	Remove extra space between words or punctuation.
	4-2 (upper aquifers); 4-62 (IPZs);	Add "s" to agree with the plural subject.
	4-16 (locations);	Remove "s" when it does not agree with the singular tense.
	4-6 (TRSPA-watershed); 4-11 ("low"); 4-12 (double period); 4-13, 4-26, 4-28, 4-42, 4-47, 4-58, 4-64 (,); 4-18 (, to :); 4-47 (; to -); 4-48 (, to :); 4-58 (; to -); 5-58 (;); 5-60 (; to -); 4-61 (; to -); 4-63 (; to ,);	Remove punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	4-5, 4-16 (, before especially); 4-11 (dash between YPDT); 4-12 (dash WHAP-A); 4-12 (WHAP-Es'); 4-13 (.); 4-14 ('s); 4-26, 4-59, 4-60 (1,000); 4-46 (. In textbox); 4-47 (.); 4-47, 4-50, 4-58, 4-61 (, before but or which); 4-63 (: to -);	Add punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
	4-11 (3-Diemensional to three-dimensional); 4-12 (20); 4-42 (5); 4-47 (1, 2, 3); 4-60 (12); 4-63 (2); 4-64 (two, one);	Write out numbers under 10, and over 10,000. Use number when it is paired with a unit.
	4-6 (areas);4-7 (since it would not make practical sense to protect them); 4-8 (show are); 4-11 (the); 4-12 (of); 4-13 (already, the); 4-14 (the); 4-16 (Higher); 4-17 (used for); 4-18 (though); 4-26 (was); 4-42 (2008); 4-47 (summary of drinking water threats and issues – consistency);4-50 (respectively); 4-58 (that this, the); 4-59 (source water); 4-60 (at the ABTP, on, Besides the creek,); 4-60 (from); 4-61 (the, area); 6-62 (of the above); 6-63 (to the, the); 6-64 (however);	Remove word to improve the clarity of text.
	4-3 (on to in); 4-11 (conservation – conservatism); 4-17 (both to all); 4-26 (<i>Updated Assessment Report: TRSPA</i> – Assessment Report); 4-26 (these – foundational); 4-47 (and is – which are); 4-47 (as well as – and); 4-47 (TRPSA – TRSPA); 4-48 (factors – circumstances); 4-50 (ave – avenue); 4-60 (E. Coli to E. coli); 4-61 (esultant to resultant); 4-62 (was – were);	Replace word to improve the clarity of text or if it is misspelled.
	4-1 (Table); 4-5 (are); 4-7 (technical); 4-8 (score); 4-16 (the); 4-26 (the core model); 4-46 (Vulnerability analysis considered); 4-48 (Approved, Toronto); 4-58 (Creek); 4-58 (R.L.); 4-59 (Toronto); 4-60 (R.C.); 4-60 (F.J.); 4-61 (as, area); 4-62 (and); 4-64 (and);	Add word improve the clarity of text.
	4-7, 4-17, 4-26, 4-26 (ORM); 4-27 (TOT first time); 4-50 (TOT); 4-61 (PAH);	Spell out acronym when it is the first time the acronym is used, or for clarity.
	4-2 (spell out AVI for first time used); 4-41 (remove spelled out for AVI); 4-3 (remove spelled out for WWIS); 4-6 (add HVAs to figure); 4-11 (add YPDT after spelled out); 4-13 (MODular FLOW – repeat); 4-14 (Conservation Authority Moraine Coalition remove repeat); 4-16, 4-17 (remove repeated source protection committee);4-17, 4-26 (YPDT remove spelled out portion); 4-26 (SPC not spelled out); 4-47, 4-63 (TOT	Update acronym to be consistent with the rest of the text (e.g., remove acronyms when not used again in the chapter, remove plural when not appropriate, etc.)

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
	remove spelled out portion); 4-48 (IPZ to acronym); 4-58 (AOC removed not used again); 4-60 (ABTP to WWTP); 4-64 (C.A.—CA);	
	4-17 (EarthFx to Earthfx, 2007 to 2007a, 2008 to 2008b; AMEC 2009 to AMEC 2010); 4-26 (EarthFx 2009 to Earthfx 2009b); 4-27, 4-28 (remove commas and add Limited to (MMM 2006); 4-58 (ibed to stantec 2008a);	Update reference to be in correct and consistent form.
	4-1; 4-2 (etc.);	Correct e.g., i.e., format.
	4-5 (separate sentacne after long bracket); 4-61 (runon); 4-61 (add High uncertainty was);	Make one sentence two to improve the clarity of text or when there is a run-on sentence.
	4-26 (reference to more information in foundation reports moved to where reports are cited); 4-50 (table 4.7 text top of cell); 4-60 (Shift figure reference to end of sentence); 4-61 (bracketed explanation of high uncertainty shifted to where discussed); 4-62 (shift list of factors leading to uncertainty to end of sentence); 4-76 (shift bullets to be similar between reports);	Shift sentence to improve clarity or presentation.
	4-3 (Assessment Report); 4-3 (MOECC Well Water Information System (WWIS); 4-5 (Assessment Report); 4-7 (Local Area); 4-11 (Assessment Report); 4-42 (block of text); 4-46 (Per); 4-47 (can); 4-47 (hydrodynamic models), bathymetry); 4-47 (Assessment Report); 4-48 (Assessment Report); 4-64 (Assessment Report);	Un-italics words when not the formal name of a report, nor the first time a "definition box" word is used, and when the emphasis is distracting from the clarity of the text.
	4-1; 4-7; 4-48;	Bulleted list is capitalized, with semi-colon after each point, with "and" at end of second last point, and a period after the last point.
	4-2 In Chapter 5 , the natural vulnerability of an area is considered along with specific contaminants to determine risk, as contaminant behaviour varies when released into the environment.	Sentence change to: In Chapter 5 , the natural vulnerability of an area is considered along with specific contaminants to determine risk, as contaminant behaviour varies based on surrounding environmental factors.
	4-17 One system (Palgrave) has one wellhead located north of the TRSPA, but has the wellhead protection areas shown on Figure 4.5 because they extend into the TRSPA.	Sentence change to: Palgrave has one system's wellhead located north of the TRSPA, but is included because the WHAPs extend into the TRSPA, Figure 4.5.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
	4-17 In addition, a third system is located in Cheltenham, where the wellheads are located in the CVSPA, but the WHPA zones extend into the TRSPA. The vulnerability analysis, scoring, and threats analysis for this system is included in the <i>Updated Assessment Report: CVSPA</i> .	Sentence change to: An additional system is also located in Cheltenham, where the wellhead is located in the CVSPA, but the WHPA zones extend into the TRSPA. However, the vulnerability analysis, scoring, and threats analysis for this system are included in the <i>Updated Assessment Report: CVSPA</i> .
	4-28 and 4-42 With the other WHPAs though, there is an intrinsic level of uncertainty in the analysis, given the complexity of the study area and the paucity of data in certain instances	Sentence change to: Delineating WHAP-B, C, and D includes an intrinsic level of uncertainty in the analysis given the complexity of the study area and data gaps in certain instances.
	4-5 This analysis assumes that the vulnerability of the aquifer increases as the relative amount of protection provided by the overlying geological materials decreases. The type and thickness of the overlying material is crucial to the scoring.	Delete repetitive text.
	4-26 This model was based on a groundwater model developed for the Oak Ridges Moraine by the YPDT groundwater management study team in 2006. 4-46 The size of each vulnerable area varies depending on where the intake is located, <i>bathymetry</i> , currents, contributing area, loadings, etc. TRSPA's intakes are all located in Lake Ontario and are municipally owned and operated. Great Lake intakes are designated as "Type A" under the <i>Technical Rules</i> . The following short descriptions clarify the zones around intakes. IPZs associated with the Great Lakes intakes include:	
	4-47 text box Hydrodynamic Model: A tool able to describe or represent the motion of water. Bathymetry: Shape of the bottom of the lake	
O.REG 287/07 S.51(2)	4-1 (shift front bracket to be with right word);	Change brackets to be consistent.
An amendment that is made to alter the style or presentation of	4-3 (,); 4-63 (SGRAs, HVAs);	Un-bold text if emphasis is distracting.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
text or graphics in order to improve electronic or print presentation.	4-3 (Chapter 3); 4-5 (vulnerability scoring for HVAs);4-7 (Clipping SGRAs); 4-8 (Vulnerability Scoring for SGRAs); 4-27 (Figure 4.15, Figure 4.17); 4-48 (Table 2.6); 4-58 (Section 2.3.1); 4-60 (Section 2.3.1); 4-61 (Section 4.2); 4-63 (Chapter 3);	Bold words that refer to other sections, chapters, figures, tables in the AR, or are titles in the report.
	4-4; 4-6; 4-9; 4-10; 4-15; 4-20; 4-21; 4-22; 4-23; 4-25; 4-29; 4-31; 4-32; 4-34; 4-35; 4-36; 4-37; 4-38; 4-39; 4-40; 4-43; 4-45; 4-53; 4-54; 4-55; 4-56; 5-57;	Shift figure title to bottom of figure to be consistent.
	Table 4.3 (column left align);	Update spacing alignment to make text consistent between ARs and clearer to read.
	4-28, 4-42 (number to point);	Update bullets to be consistent within and across assessment reports.
O.REG 287/07 S.51(4)	4-2; 4-3; 4-14; 4-16; 4-26; 4-58; 4-60; 4-61;	MOE to MOECC
An amendment that is made to	4-11;	Update links to http://swpip.ca/Threats
change references to a name, title, location, or address if the name, title, location or address of a body, office, person, place or thing has changed.	4-41 (This effort will be completed in early 2011, and included in the <i>Update Assessment Report: TRSPA</i> .);	Delete text
O.REG 287/07 S.51(5) An amendment that is made to correct errors in the numbering of provisions of the source protection plan and any related changes in cross-reference.	4-12 (section 4.3 – 4.6); 4-8 (Figure 4.5 – 4.4)	Update section numbering.

Last Updated: January 2018

The following amendments were made to Chapter 5 of the **Approved Updated Assessment Report: Toronto and Region Source Protection Area** pursuant to Section 51 of Ontario Regulation 287/07 of the Clean Water Act.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
O.REG 287/07 S.51(1) An amendment that is made to correct a clerical, grammatical or typographical error.	5-1 (conservation authorities, CA, municipality); 5-10 (impervious); 5-23 (regional municipalities); 5-56 (lake based); 5-56 (regional municipalities); 5-63 (wastewater treatment plans, water treatment plants); 5-64 (source protection plan, source protection areas); 5-97 (watersheds); 5-98 (regional municipalities); 5-100 (regions); 5-101 (identification); 5-101 (source protection committee, source protection plan);	Un-capitalize word when it is not a proper noun, or not the beginning of a sentence.
	5-2 (Province); 5-11 (Tables Circumstance); 5-37 (Road); 5-57 (Road);	Capitalize word when it is a proper noun, the beginning of a sentence, or for emphasis.
	5-69;	Space added to separate words, or after a period.
	5-1; 5-5; 5-11; 5-15; 5-20; 5-32; 5-37; 5-42; 5-63; 4-64; 5-66; 5-67; 5-68; 5-87; 5-95; 5-96; 5-100; 5-101;	Remove double space after period.
	5-1; 5-20; 5-96;	Remove extra space between words or punctuation.
	5-5 (sections);	Remove "s" when it does not agree with the singular tense.
	5-6, 5-9, 5-10, 5-13 (-); 5-11 ("); 5-56 (-); 5-58 (""); 5-65 (in table .); 5-99 (.); 5-100 (.); 5-100 (-);	Remove punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	5-6 (.); 5-8 (,) 5-11 (,); 5-12 (,); 5-13 (,); 5-67 (,); 5-68 (,); 5-94 (,); 5-95 (,); 5-96 (,);	Add punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	5-3 (; to -); 5-98 (; - ,);	Replace punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	5-68 (six);	Write out numbers under 10, and over 10,000. Use number when it is paired with a unit.
	5-1 (must); 5-6 (however); 5-7 (a); 5-11, 5-12 (however);	Remove word to improve the clarity of text.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
	5-11 (of this assessment report); 5-20 (and); 5-98 (however); 5-99 (in the order of); 5-100 (the);	
	5-6 (of –or); 5-10 (checking – trothing); 5-15 (localised – localized); 5-67 (Oct – October) 5-67, 5-86, 5-94 (this – completing the); 5-100, (TRSPA – CTC SPR); 5-100 (are – area);	Replace word to improve the clarity of text or if it is misspelled.
	5-5 (section);	Add word improve the clarity of text.
	5-1 (TRCA); 5-10 (AML);	Spell out acronym when it is the first time the acronym is used, or for clarity.
	5-6, 5-7, 5-9, 5-56 (IPZ-2); 5-9 (AML, NAML); 5-10 (HVA, SGRA, IPZ); 5-12 (Ont. – O.); 5-13 (HVA, SGRA); 5-64 (WWTP, WTP); 5-66 (WTP); 5-100 (STS); 5-100;	Update acronym to be consistent with the rest of the text (e.g., remove acronyms when not used again in the chapter, remove plural when not appropriate, etc.)
	5-96, 5-97, (report author – chapter author); 5-97 (list of reference separated by ;);	Update reference to be in correct and consistent form.
	5-64; 5-68;	Correct e.g., i.e., format.
	5-56 (replace ; with .);	Make one sentence two to improve the clarity of text or when there is a run-on sentence.
	5-1, 5-7, 5-11, 5-13, 5-32, 5-67, 5-68, 5-95, 5-96, 5-99, 5-100, 5-101 (Assessment Report); 5-8 ("where for" equation); 5-100 (threshold);	Un-italics words when not the formal name of a report, nor the first time a "definition box" word is used, and when the emphasis is distracting from the clarity of the text.
	5-5; 5-6; 5-7; 5-8; 5-9; 5-10; 5-11; 5-12; 5-58; 5-63; 5-64; 5-96;	Bulleted list is capitalized, with semi-colon after each point, with "and" at end of second last point, and a period after the last point.
	5-1 (start page number at 1);	Correct page numbering.
	5-96 (changed text to: A provincial report called Adaptation to Climate Change (Climate Change Impacts and Adaptation Division, 2007, Earth Sciences Sector, Natural Resources Canada, Chapter 6, Ottawa, ON) discusses risks to drinking water supplies associated with climate change.)	5-96 (changed text from: A provincial report called <i>Adaptation to Climate Change</i> includes a chapter that discusses risks to drinking water supplies associated with climate change in Ontario (Chiotti and Lavender, 2008).)
O.REG 287/07 S.51(2) An amendment that is made to alter the style or presentation of	5-8 (increase "where for" equation to match surrounding font);	Change font size to match the rest of the report.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
text or graphics in order to improve electronic or print	Whole chapter	Remove heavy border from tables to be consistent with other chapters in the AR.
presentation.	5-6, 5-13, 5-58 (square – round);	Change brackets to be consistent.
	5-9 (no significant or moderate threats); 5-10 (no significant or moderate threats); 5-13 (no significant threats); 5-13 (eight, 1,148); 5-13 (Table 10 [DW6M DNAPLS,]; Table 17 [CSGRAHVA6M Chemical]; Table 11 [DW6L DNAPLS]; Table 18 [CSGRAHVA6L Chemical]); 5-23 (and); 5-87 (19); 5-99 (quantity); 5-100 (456, no significant threats); 5-101 (19);	Un-bold text if emphasis is distracting.
	5-1 (Section Error! Reference source not found.); 5-13 (Appendix E.1, Chapter 3); 5-20 (5.6, 5.7);	Bold words that refer to other sections, chapters, figures, tables in the AR, or are titles in the report.
	5-3 (water quantity, water quality); 5-13 (eight, 1,148); 5-87 (19); 5-100 (456); 5-101 (19);	Un-underline text if emphasis is distracting.
	5-101 (remove repeated text box from summary);	Update textbox to be consistent format.
	5-6 (separate two bullet points);	Update bullets to be consistent within and across assessment reports.
O.REG 287/07 S.51(4) An amendment that is made to	5-1; 5-3; 5-5; 5-6; 5-7; 5-8; 5-9; 5-10; 5-12; 5-63; 5-68; 5-94; 5-96; 5-101;	MOE to MOECC
change references to a name, title, location, or address if the name, title, location or address of a body, office, person, place or thing has changed.	5-1; 5-7; 5-8; 5-11; 5-13; 5-55; 5-57; 5-98; 5-99; 5-101; Figures – 5-24-26; 5-28-30; 5-33-35; 5-38-40; 5-43-45; 5-48-50; 5-52-54; 5-56;	Update link to http://swpip.ca/Threats

Last Updated: January 2018

The following amendments were made to Chapter 6 of the **Approved Updated Assessment Report: Toronto and Region Source Protection Area** pursuant to Section 51 of Ontario Regulation 287/07 of the Clean Water Act.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
O.REG 287/07 S.51(1) An amendment that is made to correct a clerical, grammatical or typographical error.	6-1 (assessment report, source protection plan); 6-2 (significant, moderate, low, source protection plan); 6-3 (issues, conditions, risk assessment, tolerance); 6-4 (area creeks); 6-5 (identification, source protection plan); 6-7 (assessment report);6-8 (source protection area, source protection plan, source protection regions, assessment reports);	Un-capitalize word when it is not a proper noun, or not the beginning of a sentence.
	6-3 (area);	Capitalize word when it is a proper noun, the beginning of a sentence, or for emphasis.
	6-1; 6-2; 6-3; 6-4; 6-6; 6-7;	Remove double space after period.
	6-4; 6-7;	Remove extra space between words or punctuation.
	6-1 (-); 6-2 (,); 6-4 (-); 6-4 (,); 6-5 (-); 6-8 (-);	Remove punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	6-1 (,); 6-6 (,); 6-7 (,); 6-8 (,);	Add punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	6-1 (: - ,);	Replace punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	6-1, 6-2, 6-6, 6-7 (: TRSPA from Assessment Report);	Remove word to improve the clarity of text.
	6-1, 6-2, 6-3 (Nov – November); 6-1 (will be – are); 6-2 (there – it); 6-2 (to – there will); 6-2, 6-3 (Section – Chapter); 6-5 (TRSPA – CTC Source Protection Region); 6-6 (in order to – this will);	Replace word to improve the clarity of text or if it is misspelled.
	6-2 (Figure); 6-4 (and); 6-5 (IPZ); 6-8 (Assessment);	Add word improve the clarity of text.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
	6-5 (WWTP, WTP); 6-5 (LOC); 6-6 (SPC);	Spell out acronym when it is the first time the acronym is used, or for clarity.
	6-2 (IPZs); 6-4 (LOC, CSO, STS); 6-5 (EBA, SWP); 6-8 (SPC);	Update acronym to be consistent with the rest of the text (e.g., remove acronyms when not used again in the chapter, remove plural when not appropriate, etc.)
	6-2; 6-4;	Correct e.g., i.e., format.
	6-5 (start at this); 6-5 (next sentence at ;); 6-6 (run-on);	Make one sentence two to improve the clarity of text or when there is a run-on sentence.
	6-3 (Technical Rules); 6-8 (Amended Proposed Source Protection Plan); 6-8 (proposed CTC Source Protection Plan);	Italics words that are the title of a publication, and are defined in definition boxes.
	6-2, 6-6, 6-7 (Assessment Report); 6-2, 6-3 (Nov. 2009); 6-3 (issues, conditions); 6-4 (194, threshold); 6-8 (report);	Un-italics words when not the formal name of a report, nor the first time a "definition box" word is used, and when the emphasis is distracting from the clarity of the text.
	6-5;	Bulleted list is capitalized, with semi-colon after each point, with "and" at end of second last point, and a period after the last point.
	6-1 (start at 1);	Correct page numbering.
	6-7 Ongoing studies and continuous improvement built into water management programs serve to improve analyses and reduce uncertainty. Future editions of the TRSPA Assessment Report will reflect such improvements. Because of the combined uncertainties of delineation, vulnerability, and scoring and the lack of land-use data, the uncertainty level for threats assessment in the TRSPA jurisdiction is moderate to high.	Delete repetitive text.
	6-1 Of course, extreme storm can occur at any time including during the summer months.	
O.REG 287/07 S.51(2) An amendment that is made to	6-1 (add around year);	Change brackets to be consistent.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
alter the style or presentation of text or graphics in order to improve electronic or print presentation.	6-1 (Watershed Characterization); 6-2 (water budget, and the summary below, vulnerability, IPZs, SGRAs, WHPAs, potential, must, may, threats, to, potential); 6-3 (potential, Event based modelling, 19, quantity, moderate existing); 6-4 (456, potential); 6-5 (19); 6-6 (climate change); 6-8 (must, 19, quality, quantity, 546);	Un-bold text if emphasis is distracting.
	6-3 (Section 3.9);	Bold words that refer to other sections, chapters, figures, tables in the AR, or are titles in the report.
	6-3 (19); 6-4 (456); 6-5 (19); 6-8 (19, 456);	Un-underline text if emphasis is distracting.
O.REG 287/07 S.51(4) An amendment that is made to	6-5;	MOE to MOECC
change references to a name, title, location, or address if the name, title, location or address	6-1 (The next step is to develop a source protection plan to protect these sources.);	Delete text
of a body, office, person, place or thing has changed.	6-2; 6-4;	Link to http://swpip.ca/Threats

Last Updated: January 2018

The following amendments were made to Chapter 7 of the **Approved Updated Assessment Report: Toronto and Region Source Protection Area** pursuant to Section 51 of Ontario Regulation 287/07 of the Clean Water Act.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
O.REG 287/07 S.51(1)	Whole chapter	Update references to all have the same format.
An amendment that is made to correct a clerical, grammatical or typographical error.		
O.REG 287/07 S.51(6) An amendment that is made to correct errors, if it is patent that an error has been made and what the correction should be.	Whole chapter	Add reference that are cited in Chapters 1-6 and missing from reference list.

Last Updated: January 2018

The following amendments were made to Appendix A of the **Approved Updated Assessment Report: Toronto and Region Source Protection Area** pursuant to Section 51 of Ontario Regulation 287/07 of the Clean Water Act.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
O.REG 287/07 S.51(1) An amendment that is made to correct a clerical, grammatical or	A-1 (conservation authority, municipalities); A-6 (identified); A-27 (authority); A-34 (monitoring program);	Un-capitalize word when it is not a proper noun, or not the beginning of a sentence.
typographical error.	A-1, A-35, A-38 (Province); A-37 (Rose, Piper Diagrams, Stiff Diagrams, Rose Diagrams);	Capitalize word when it is a proper noun, the beginning of a sentence, or for emphasis.
	Throughout chapter remove space after hyphen for Tables, Figures, Sections.	Space added to separate words, or after a period.
	A-7; A-34; A-35;	Remove double space after period.
	A-35 (-);	Remove punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	A-27 (,); A33 (.);	Add punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	TOC (duplicate title); A-1 (water); A-40 (Clean Water Stewardship Program);	Remove word to improve the clarity of text.
	A-35 (SPA – TRSPA);	Replace word to improve the clarity of text or if it is misspelled.
	A-27 (TRSPA as the lead);	Add word improve the clarity of text.
	A-38 (CA);	Spell out acronym when it is the first time the acronym is used, or for clarity.
	A-34 (SPP);	Update acronym to be consistent with the rest of the text (e.g., remove acronyms when not used again in the chapter, remove plural when not appropriate, etc.)
	A-34 (I.e.,)	Un-italics words when not the formal name of a report, nor the first time a "definition box" word is used, and when the emphasis is distracting from the clarity of the text.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
	A-1; A-27; A-33; A-34; A-36; A-37;	Bulleted list is capitalized, with semi-colon after each point, with "and" at end of second last point, and a period after the last point.
O.REG 287/07 S.51(2) An amendment that is made to	TOC (titles); A-1 (Table A-2); A-7 (Table A-4, Table A-5));	Bold words that refer to other sections, chapters, figures, tables in the AR, or are titles in the report.
alter the style or presentation of text or graphics in order to improve electronic or print presentation.	A-37 (arrow to dots);	Update bullets to be consistent within and across assessment reports.
O.REG 287/07 S.51(4)	A-27	MNR to MNRF
An amendment that is made to change references to a name, title, location, or address if the name, title, location or address of a body, office, person, place or thing has changed.	A-3; A-7; A-17; A-18, A-19; A-23; A-27; A-34; A-35	MOE to MOECC

Last Updated: January 2018

The following amendments were made to Appendix B of the **Approved Updated Assessment Report: Toronto and Region Source Protection Area** pursuant to Section 51 of Ontario Regulation 287/07 of the Clean Water Act.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
O.REG 287/07 S.51(1) An amendment that is made to	B1-1 (use, heritage); B1-4 (creek);	Un-capitalize word when it is not a proper noun, or not the beginning of a sentence.
correct a clerical, grammatical or typographical error.	B1-2 (water);	Capitalize word when it is a proper noun, the beginning of a sentence, or for emphasis.
	B1-1; B1-2; B1-3; B1-4; B1-5;	Remove double space after period.
	B1-2 (-); B1-3 (,); B1-5 (,);	Add punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	TOC; B2-1 (water);	Remove word to improve the clarity of text.
	B1-1 (will that filling these gaps); B1-4 (is – are); B1-6 (landcover – land cover);	Replace word to improve the clarity of text or if it is misspelled.
	B1-7;	Correct e.g., i.e., format.
	B1-2, B1-3, B1-4, (i.e.);	Un-italics words when not the formal name of a report, nor the first time a "definition box" word is used, and when the emphasis is distracting from the clarity of the text.
	B1-1;	Bulleted list is capitalized, with semi-colon after each point, with "and" at end of second last point, and a period after the last point.
O.REG 287/07 S.51(3)	B1-2;	Remove reference to the SPC committee needing to be formed.
If the source protection plan contains a provision that is		
contingent on the occurrence of		
a future event and the event		
occurs, an amendment that is made to remove the text		
made to remove the text		

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
referring to the contingency and to make any related changes.		
O.REG 287/07 S.51(4) An amendment that is made to	B1-1; B1-6; B1-9;	MNR to MNRF
change references to a name, title, location, or address if the name, title, location or address of a body, office, person, place or thing has changed.	B1-3; B1-4; B1-6; B1-8; B1-9;	MOE to MOECC

Last Updated: January 2018

The following amendments were made to Appendix C of the **Approved Updated Assessment Report: Toronto and Region Source Protection Area** pursuant to Section 51 of Ontario Regulation 287/07 of the Clean Water Act.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
O.REG 287/07 S.51(1) An amendment that is made to correct a clerical, grammatical or	C1-1 (soil, the); C1-7 (municipal); C2-1 (demand, supply, reserve); C2-4 (regions); C2-10 (supply); C2-30 (oN – on); C2-32 (area);	Un-capitalize word when it is not a proper noun, or not the beginning of a sentence.
typographical error.	C2-30;	Space added to separate words, or after a period.
	C2-4; C2-5; C2-32; C3-1;	Remove double space after period.
	Throughout report remove space after dash for Figure, Table, Section.	Remove extra space between words or punctuation.
	C1-5 (arises);	Add "s" to agree with the plural subject.
	C1-1 (-); C2-3 (()); C3-1 ("");	Remove punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	C1-5 (-); C2-1 (.); C2-10(-); C2-30 (,); C2-31 (,); C3-1 (-); C3-1 (end bracket);	Add punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	C2-10 (; to,);	Replace punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	C1-2 (in);	Write out numbers under 10, and over 10,000. Use number when it is paired with a unit.
	C1-5 (that is undergoing of);	Remove word to improve the clarity of text.
	C2-10 (Section 3 – Section C3);	Replace word to improve the clarity of text or if it is misspelled.
	C2-1 (Tier); C2-3 (and); C2-4 (2009);	Add word improve the clarity of text.
	C1-1 (EC); C1-2 (ET); C1-5 (ORM);	Spell out acronym when it is the first time the acronym is used, or for clarity.
	C1-1 (YPDT); C2-3 (GW use, SW use); C2-4 (WUA, EBR);	Update acronym to be consistent with the rest of the text (e.g., remove acronyms when not used again in the chapter, remove plural when not appropriate, etc.)

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
	C1-8 (reference list); C3-8 (add reference section);	Update reference to be in correct and consistent form.
	C1-5 (at however); C1-5 (run-on sentence); C2-4 (at however);	Make one sentence two to improve the clarity of text or when there is a run-on sentence.
	C2-4 (Technical Rules);	Italics words that are the title of a publication, and are defined in definition boxes.
	C1-3 (Ontario Ministry of the Environment (1995)); 2-4 (Ely, 2006);	Un-italics words when not the formal name of a report, nor the first time a "definition box" word is used, and when the emphasis is distracting from the clarity of the text.
	C1-1; C1-2; C1-3; C1-5; C1-6; C1-7; C1-8; C2-4; C2-31; C3-1;	Bulleted list is capitalized, with semi-colon after each point, with "and" at end of second last point, and a period after the last point.
	C1-6 (separate sentence from bullet); C2-11 - C2-24, C2-30, C2-31, (title at bottom of figure); C2-3 (separate two paragraphs);	Improve alignment of spacing.
	C2-13;	Add figure C2-4
O.REG 287/07 S.51(2)	C2-30 (m3-superscript);	Change font size to match rest of report
An amendment that is made to	C1-3 (HSP-F, WABAS); C1-5 (MODFLOW);	Un-bold text if emphasis is distracting.
alter the style or presentation of text or graphics in order to	C2-31 (Table C2-14);	Bold words that refer to other sections, chapters, figures, tables in the AR, or are titles in the report.
improve electronic or print presentation.	C2-33;	Shift table and figure titles to bottom of image.
O.REG 287/07 S.51(4)	C1-7; C2-32;	MNR to MNRF
An amendment that is made to	C1-1; C1-6; C1-7; C2-3; C2-4;	MOE to MOECC
change references to a name, title, location, or address if the name, title, location or address of a body, office, person, place or thing has changed.	C1-1 (http://sis.agr.gc.ca/cansis/nsdb/detailed/intro.html - http://sis.agr.gc.ca/cansis/nsdb/index.html), delete links (http://sis.agr.gc.ca/cansis/publications/manuals/cssc2. html, http://sis.agr.gc.ca/cansis/references/1998sc_a.html	Update website links
O.REG 287/07 S.51(5) An amendment that is made to correct errors in the numbering of provisions of the source	C2-16 and C2-17;	Switch title for Figure C2-8 and C2-9

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
protection plan and any related		
changes in cross-reference.		

Last Updated: January 2018

The following amendments were made to Appendix D of the **Approved Updated Assessment Report: Toronto and Region Source Protection Area** pursuant to Section 51 of Ontario Regulation 287/07 of the Clean Water Act.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
O.REG 287/07 S.51(1) An amendment that is made to correct a clerical, grammatical or typographical error.	D1-1 (section); D2-1 (high, medium, low, areas); D2-2 (study area); D2-5, D2-6, D2-7 (factor); D2-10 (source water, scores, model); D2-18, D2-19, (rules); D2-23 (main body); D2-29 (region); D4-1 (assessment report, technical, managed, imperviousness, the); D4-4 (rule); D4-5 (transport, the); D4-7 (notwithstanding); D4-21 (region); D4-24 (delineation); D4-28 (see); D4-35 (vulnerability assessment); D4-36 (management land, imperviousness, see, delineation); D4-37 (vulnerability, management land, imperviousness);	Un-capitalize word when it is not a proper noun, or not the beginning of a sentence.
	D2-3 (Tier); D2-4 (Aquifer Complex, Area); D4-22 (the);	Capitalize word when it is a proper noun, the beginning of a sentence, or for emphasis.
	D2-5; D2-23; D2-25; D2-29; D4-3; D4-21; D4-23;	Space added to separate words, or after a period.
	D1-1; D2-1; D2-3; D2-5; D2-9; D2-23; D2-24; D2-25; D2- 27; D2-28; D4-1; D4-2; D4-3; D4-4; D4-6; D4-9; D4-19; D4-20; D4-21; D4-22; D4-28; D4-35; D4-36;	Remove double space after period.
	D4-22; D4-23;	Remove extra space between words or punctuation.
	Throughout chapter remove extra space after hyphen for Figures, Tables, Sections	
	D2-2 (discusses, describes); D4-28 (WHAPs);	Add "s" to agree with the plural subject.
	D2-2 (.); D2-8 (.); D2-24 (;); D2-25 (-); D2-27 (-); D4-4 (brackets); D4-9 (.); D4-15 (.); D4-28 (-);	Remove punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	D2-23, D4-7, (add closing bracket); D2-24 (- ,); D2-25 (, -); D2-27 (-); D4-2 (.); D4-3 (,); D4-6 (,); D4-9, D4-10, D4-	Add punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
	11; D4-12, D4-13, D4-14, D4-15, D4-17, D4-18 (.); D4-22 (:); D4-28 (, .); D4-35 (.); D4-36 (,);	
	D1-1 (& – and);D4-7 (: - ,); D4-7 (; - ,); D4-21 (:);	Replace punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	D4-1 (three);	Write out numbers under 10, and over 10,000. Use number when it is paired with a unit.
	D2-2 (SWP Region); D2-23 (however); D4-1 (be); D4-36 (of);	Remove word to improve the clarity of text.
	D1-1 (full month name); D2-1 (TSPA – TRSPA); D2-18 (TRSCA-TRSPA); D2-24, D2-27 (hrs – hours); D4-19 (CVCSPA- CVSPA); D4-23 (nly – only); D4-36 (Directors – Technical); D4-17 (thirteen – thirty);	Replace word to improve the clarity of text or if it is misspelled.
	D1-1 (IPZ, 2009); D4-1 (and); D4-6 (and);	Add word improve the clarity of text.
	D2-3 (SPR); D2-24 (TOT, CA);D2-25 (WTP); D2-29 (CA); D4-14 (CVSPA, CLOSPA); D4-9, D4-10, D4-11, D4-28, D4-35, D4-36, D4-37, (AR); D4-28 (TRSPA, CVSPA); D4- 35 (UAR);	Spell out acronym when it is the first time the acronym is used, or for clarity.
	D2-1 (WHAP); D2-3, D2-4, D4-8 (SPR); D2-19 (ORM); D2-23 (IPZ); D4-1 (SPR, WHAP, UAR); D4-1 (SPR, CVSPA, TRSPA, CLOSPA, WHAP); D4-19 (WHAP); D4-24 (WHAP); D4-36 (WHAP, SPR); D4-36 (SPR); D4-37 (WHAP);	Update acronym to be consistent with the rest of the text (e.g., remove acronyms when not used again in the chapter, remove plural when not appropriate, etc.)
	D2-15 (Vrba – Jaroslav); D2-31 – D2-32 (update reference list); D4-1 (remove month from reference); D4-1 (just year in bracket remove report title);	Update reference to be in correct and consistent form.
	D4-5; D4-7; D4-20; D4-36;	Correct e.g., i.e., format.
	D2-23 (however); D4-6 (Therefore); D4-19 (: to .);	Make one sentence two to improve the clarity of text or when there is a run-on sentence.
	D4-1 (see section);	Combine two sentences to improve the clarity of text.
	D1-1 (Technical Rules); D2-5 (et al.); D2-19, D2-23, D4-3, D4-4, D4-35, D4-36, (technical rules references); D2-24 (name of reports);	Italics words that are the title of a publication, and are defined in definition boxes.
	D1-1, D2-1, (Assessment Report); D2-5 (ORMCP, OMMAH, 2004); D2-12, D2-15, D4-1, D4-2, D4-3, D4-4,	Un-italics words when not the formal name of a report, nor the first time a "definition box" word is used, and when the

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
	D4-22 (references); D2-23 (technical studies); D4-3 (may);	emphasis is distracting from the clarity of the text.
	D1-1; D2-4; D2-9; D2-15; D2-19; D2-23; D2-24; D2-28; D2-29; D4-1; D4-3; D4-4; D4-5; D4-6; D4-20; D4-21; D4-22; D4-23; D4-35;	Bulleted list is capitalized, with semi-colon after each point, with "and" at end of second last point, and a period after the last point.
	D4-1 – D4-2;	Update page numbers
	D2-26: A schematic of the methodology for generation of IPZ-1s and 2s is included on Figure D2-8 . These zones are then subject to an inventory of potential contaminant threat sources.	Text added for clarity and consistency.
O.REG 287/07 S.51(2)	D4-19, D4-36, (ONE – one); D4-20 (NOT to not);	Change font size to match rest of report
An amendment that is made to alter the style or presentation of	D2-5 (separate acronym and reference); D4-1 (remove brackets);	Change brackets to be consistent.
text or graphics in order to improve electronic or print presentation.	D1-1 (Rules); D2-23 (outside); D4-1 (the SWAT); D4-4 (may); D4-6 (only); D4-20 (Dufferin, Wellington, Halton); D4-21 (Peel, York, Durham); D4-36 (measurement, vulnerability score adjustment sentence); D4-37 (sentence);	Un-bold text if emphasis is distracting.
	D2-3, D2-23, (Chapter 3); D2-29 (Appendix 3.2);	Bold words that refer to other sections, chapters, figures, tables in the AR, or are titles in the report.
	D2-23 (outside); D4-6 (only); D4-23, D4-28, D4-36 (subtitle);	Un-underline text if emphasis is distracting.
	D2-4 (arrow to dot); D2-24 (add secondary bullets); D4-1 (letter and number – point);	Update bullets to be consistent within and across assessment reports.
	D2-2; D2-16; D2-29; D4-2; D4-3; D4-4; D4-23; D4-24;	Shift figure or table title to bottom of figure or table to be consistent.
O.REG 287/07 S.51(4)	D4-19;	MNR to MNRF
An amendment that is made to change references to a name,	D1-1; D2-1; D2-5; D2-9; D3-1; D4-1; D4-2; D4-3; D4-9; D4-19; D4-21;	MOE to MOECC
title, location, or address if the name, title, location or address of a body, office, person, place or thing has changed.	D4-3 delete link (www.ene.gov.on.ca/en/water/cleanwater/cwaguidance.php)	Update website links

Last Updated: January 2018

The following amendments were made to Appendix E of the **Approved Updated Assessment Report: Toronto and Region Source Protection Area** pursuant to Section 51 of Ontario Regulation 287/07 of the Clean Water Act.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
O.REG 287/07 S.51(1) An amendment that is made to correct a clerical, grammatical or typographical error.	E1-1 (section); E3-1 (assessment reports, region, source water protection implementation); E3-2 (region); E3-4 (municipal); E4-1 (assessment reports, to, high, medium, low); E4-2 (study, report); E4-3 (conservation authorities, the); E4-4 (the); E4-6 (community); E4-10 (report); E4-15 (the); E4-22 (community); E4-26 (study); E4-37 (community); E4-41 (study, report); E4-45 (the); E4-51 (community); E4-52 (study); E4-61 (the); E5-1 (above sea level); E5-9 (low medium high); E5-9 (uncertainty rating, vulnerable area, uncertainty, groundwater vulnerability, vulnerability, drinking water issue, score, parcel, etc.); E5-10 (water threat, condition, significant, moderate, low, etc.); E5-11 (key table, significant drinking, etc.); E5-16 (uncertainty rating, significant threats, low, etc.); E6-1 (km); E6-6 (see); E6-7 (see); E6-8 (computer); E6-13 (conservation authorities, identification); E6-18 (city's watershed, service); E6-22 (location, rivers); E6-24 (peak); E6-31 (levels); E6-33 (intakes); E6-36 (rivers); E6-38 (rivers, intakes); E6-43 (time); E6-44 (which); E6-45 (disinfection); E6-52 (report); E6-53 (report); E6-56 (identify);	Un-capitalize word when it is not a proper noun, or not the beginning of a sentence.
	E5-1 (Approval); E2-8 (province); E6-1 (Project Manager);	Capitalize word when it is a proper noun, the beginning of a sentence, or for emphasis.
	E6-5; E6-6; E6-8; E6-9;	Space added to separate words, or after a period.
	E4-1; E4-2; E4-3; E4-4; E4-5; E4-6; E4-10; E4-12; E4-15;	Remove double space after period.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
	E4-16; E4-19; E4-22; E4-23; E4-26; E4-28; E4-30; E4-31;	
	E4-34; E4-36; E4-37; E4-41; E4-45; E4-49; E4-51; E4-55;	
	E4-61; E4-62; E4-65; E4-67; E4-68; E5-1; E5-3; E5-5; E5-	
	9; E5-10; E5-11; E5-16; E6-1; E6-7; E6-9; E6-10; E6-12;	
	E6-13; E6-16; E6-18; E6-19;	
	Throughout chapter.	
	E3-2; E5-11; E5-16; E6-1; E6-7; E5-18; E6-42; E6-45; E6-52;	Remove extra space between words or punctuation.
	Throughout Chapter remove extra space after hyphen for Tables, Figures.	
	E6-21 (hours);	Add "s" to agree with the plural subject.
	E3-1 (source protection committees); E6-36 (indicates);	Remove "s" when it does not agree with the singular tense.
	E4-30 (;); E4-41 (;); E5-3, E5-9, E5-11, (""); E5-11 (; - ,);	Remove punctuation to be consistent with the style of the rest of
	E6-10 (-); e6-31 (-);	the AR, or to improve the clarity of text.
	E3-4 (,); E4-52 (-); E4-55 (-); E5-16 (, -); E6-6 (-); E6-7 (,); E6-9 (,); E6-13, E6-17, E6-19, E6-20, (-); E6-21 (,); E6-23 (,); E6-25 (,); E6-32 (.); E6-37 (-); E6-39 (,); E6-42 (close bracket); E6-45 (,);	Add punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	E3-5, E5-16, E6-9 (& - and); E6-7 (; -,); E6-9 (; - ,); E6-22(; -,); E6-45 ("-'); E6-56 (/ - ,);	Replace punctuation to be consistent with the style of the rest of the AR, or to improve the clarity of text.
	E6-9 (2); E6-36 (2, 3);	Write out numbers under 10, and over 10,000. Use number when it is paired with a unit.
	E4-7 (and, or); E4-23 (and); E4-26 (or); E4-30 (the); E4-38 (or); E4-52 (and); E4-52 (or); E5-3 (Uxville); E6-5 (published); E6-20 (the); E6-33 (the);	Remove word to improve the clarity of text.
	E1-1 (spell out month); E4-28 (analysed – analyzed); E4-21, E4-37, E4-68 (barrel – threat); E6-5 (sept – september); E6-13 (Aug – August); E6-17 (during the – on); E6-22 (are – is); E6-25 (doesn't – does not); E6-30 (E Coli – E. coli); E6-52 (so – also); E6-52 (beak – break);	Replace word to improve the clarity of text or if it is misspelled.
	E4-5 (2, 5); E4-37 (and); E6-7 (and);	Add word improve the clarity of text.
	E6-3 (EBA); E6-4 (WTP); E6-6 (ODWS); E6-7 (SDWT, GL); E6-8 (WWTP); E6-16 (SPP); E6-45 (SPP);	Spell out acronym when it is the first time the acronym is used, or for clarity.

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
	E4-1 (York Region); E4-49 (ML, NML); E5-1 (C of A); E5-5 (ORM); E6-1, E6-3, E6-4, E6-5, E6-8 (LOC); E6-52 (EBA);	Update acronym to be consistent with the rest of the text (e.g., remove acronyms when not used again in the chapter, remove plural when not appropriate, etc.)
	E4-1 (add comma); E6-18 (separate reference from text bracket); E3, E4, (add references section);	Update reference to be in correct and consistent form.
	E4-37; E4-68; E6-7; E6-13; E6-21;	Correct e.g., i.e., format.
	E4-2, E4-10, E4-26, E4-41, E4-52, E5-3, E5-9, E5-11, E5-16, E6-52, E6-53 (report name); E4-12; E4-15, E4-61, E5-9, E6-52, (technical rule); E4-28; E4-45, E4-61, E6-56 (Act); E6-30, E6-56 (E. coli);	Italics words that are the title of a publication, and are defined in definition boxes.
	E1-1 (Assessment Report); E6-8, E6-10, E6-18, E6-19; E6-24, E6-42, (reference);	Un-italics words when not the formal name of a report, nor the first time a "definition box" word is used, and when the emphasis is distracting from the clarity of the text.
	E1-1; E3-1; E4-1; E4-3; E4-4; E4-6; E4-15; E4-30; E4-31; E4-38; E4-45; E4-52; E4-61; E5-9; E6-3; E6-4; E6-5; E6-7; E6-8; E6-21; E6-23; E6-24; E6-31; E6-45; E6-52; E6-55;	Bulleted list is capitalized, with semi-colon after each point, with "and" at end of second last point, and a period after the last point.
	E1-2; E2-1;	Correct page numbering.
	E6-38 (separate title from figure – Spill from Storage Tanks at the North York Site);	Update chapter heading.
	E1-12	Update image to not include pop up link.
O.REG 287/07 S.51(2) An amendment that is made to	E5-3, E5-9 (GENIVAR – Genivar); E6-53 (Co – subscript o);	Change font size to match rest of report
alter the style or presentation of	E6-24 (heading 2 added);	Update report headings
text or graphics in order to	E3-2 (remove bracket);	Change brackets to be consistent.
improve electronic or print presentation.	E1-1 (technical rules); E4-36 (Nobleton); E6-5 (extreme event); E6-52 (iv);	Un-bold text if emphasis is distracting.
	E4-31, E4-55, E4-62, (Appendix); E4-49 (Table reference); E5-10, E6-30 (section); E6-39 (Figure reference);	Bold words that refer to other sections, chapters, figures, tables in the AR, or are titles in the report.
	E6-3 (local knowledge); E6-4 (local knowledge, iterative process, significant, current, modeling); E6-5 (sentence)	Un-underline text if emphasis is distracting.
	E6-18 (add bullets);	Update bullets to be consistent within and across assessment

TYPE OF TYPOGRAPHICAL ERROR	TORONTO AND REGION ASSESSMENT REPORT	DESCRIPTION OF CHANGE
		reports.
	E4-6; E4-11; E4-16; E4-19; E4-21; E4-22; E4-27; E4-28; E4-31; E4-34; E4-36; E4-37; E4-38; E4-42; E4-43; E4-46; E4-49; E4-51; E4-52; E4-57; E4-62; E4-66; E4-67; E4-68;	Shift table title to the bottom of table
O.REG 287/07 S.51(4) An amendment that is made to change references to a name, title, location, or address if the	E1-1; E3-1; E3-2; E3-3; E3-4; E4-1; E4-2; E4-3; E4-4; E4-15; E4-30; E4-61; E5-5; E5-9; E5-10; E5-16; E6-3; E6-4; E6-7; E6-8;	MOE to MOECC
name, title, location or address	E3-3; E3-4; E3-9; E4-2; E4-15; E4-30; E4-45; E4-61;	Add link to http://swpip.ca/Threats
of a body, office, person, place or thing has changed.	E6-21 (http://dsp-psd.pwgsc.gc.ca/collection_2009/bst-tsb/TU3-8-02-2E.pdf to http://dsp-psd.pwgsc.gc.ca/collection_2009/bst-tsb/TU3-8-02-2E.pdf	Correct links
	E6-1 Update text from: The findings in this appendix are being peer reviewed, and therefore are subject to revision following the peer review.	Update text to: The findings in this appendix have been peer reviewed.