

Revisions to the LTVSPA Assessment Report – Section 1

White Cells- original text

Grey cells- new text

Yellow highlight- area of original text to be changed

Bright Green highlight- area of new text

**Please note that similar revisions will be undertaken in section 1 of the UTRSPA and SCRSPA Assessment Report.**

**Section 1– Introduction and Background**

Section	Page	Text	Reason For Change	Changes Made
<b>Cover And Footers</b>		Amended Proposed Assessment Report November 12, 2010 1.0 Introduction and Background Approved	Reflect updated version	
		Updated Assessment Report November 14, 2014 1.0 Introduction and Background		
1.0	1	The Clean Water Act, 2006 required the establishment of Source Protection Committees to oversee the process locally. The Source Protection Committee developed and consulted on a work plan document called the Terms of Reference and submitted it to the Minister of the Environment for Approval. Based on the approved Terms of Reference the Source Protection Committee was to complete an Assessment Report and Source Protection Plan. The Assessment Report is a science-based document that forms the basis of the Source Protection Plan. The Plan is to contain policies to reduce the risk associated with threats to the drinking water sources identified in the Assessment Report.	verb tense change to match the rest of the section	
		The Clean Water Act, 2006 required the establishment of Source Protection Committees to oversee the process locally. The Source Protection Committee developed and consulted on a work plan document called the Terms of Reference and submitted it to the Minister of the Environment for Approval. Based on the approved Terms of Reference the Source Protection Committee completed an Assessment Report and Source Protection Plan. The Assessment Report is a science-based document that forms the basis of the Source Protection Plan. The Plan contains policies to reduce the risk associated with threats to the drinking water sources identified in the Assessment Report.		
1.0	1/2	The Clean Water Act, 2006 requires that Assessment Reports be completed for each Source Protection Area with a Source Protection Region (SPR). The Assessment Reports are to contain detailed information which identify vulnerable areas associated with drinking water systems, assess the level of vulnerability, identify issues related to the drinking water sources, identify activities within those vulnerable areas which	Verb tense changes	

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		pose threats to the systems, and assess the risk due to threats. These Assessment Reports <b>are being</b> completed for the three Source Protection Areas of the Thames-Sydenham and Region SPR as shown in the following Map 1-1.		
		The Clean Water Act, 2006 requires that Assessment Reports be completed for each Source Protection Area with a Source Protection Region (SPR). The Assessment Reports <b>are to</b> contain detailed information which identify vulnerable areas associated with drinking water systems, assess the level of vulnerability, identify issues related to the drinking water sources, identify activities within those vulnerable areas which pose threats to the systems, and assess the risk due to threats. These Assessment Reports <b>have been</b> completed for the three Source Protection Areas of the Thames-Sydenham and Region SPR as shown in the following Map 1-1.		
1.2.2	6	In order to fully define the contents of, and methodologies used in developing Assessment Reports, the Ministry of the Environment (MOE) released <i>Technical Rules: Assessment Report</i> (December 12, 2008). During the drafting of the Proposed Assessment Report, the Director (MOE) was in the process of amending those <i>rules</i> (November 2009). Amendments not addressed in that report <b>are incorporated into the current Amended Proposed Assessment Report.</b>	Ammended Proposed AR is not the current AR.	
		In order to fully define the contents of, and methodologies used in developing Assessment Reports, the Ministry of the Environment (MOE) released <i>Technical Rules: Assessment Report</i> (December 12, 2008). During the drafting of the Proposed Assessment Report, the Director (MOE) was in the process of amending those <i>rules</i> (November 2009). Amendments not addressed in that report <b>were incorporated into the Amended Proposed Assessment Report and are still reflected in the current Updated Assessment Report.</b>		
1.2.6	7	Following the completion of the Assessment Report, a Source Protection Plan must be developed by the Source Protection Committee. The focus of the Source Protection Plan is to reduce or manage risks to drinking water sources. The Source Protection Plan <b>will contain</b> policies focused on activities which are identified as threats.	Verb tense	
		Following the completion of the Assessment Report, a Source Protection Plan must be developed by the Source Protection Committee. The focus of the Source Protection Plan is to reduce or manage risks to drinking water sources. The Source Protection Plan <b>contains</b> policies focused on activities which are identified as threats.		

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1.2.6	7/8	<p>Although a regulation defining the scope and content of a Source Protection Plan has not yet been introduced, the province has consulted on a discussion paper which will form the basis for a Source Protection Plan regulation. The discussion paper outlines the nature of the policies which would be described in a future regulation. These policies may include:</p> <ul style="list-style-type: none"> <li>o education and outreach programs(leading to voluntary risk reduction)</li> <li>o incentive programs (leading to voluntary risk reduction)</li> <li>o land-use planning approaches( e.g. official plans, zoning bylaws, site plan controls, development permits)</li> <li>o new or amended provincial instruments(e.g. Certificates of Approval)</li> <li>o risk management plans</li> <li>o prohibition</li> <li>o restricted land uses.</li> </ul> <p>The discussion paper indicates that the more restrictive policies listed above would only be applied to significant drinking water threats. Similarly, the policies related to significant threats are mandatory and must be implemented, whereas the policies related to moderate and low risk drinking water threats leave some discretion to the implementer. The Source Protection Plan may also include various policies related to monitoring.</p>	Regulation now in place	
		<p><b>Ontario regulation 287/07, among other things, defines</b> the scope and content of a Source Protection Plan <b>The regulation</b> outlines the nature of the policies which would be <b>included in a Source Protection Plan</b>. These policies may include:</p> <ul style="list-style-type: none"> <li>o education and outreach programs(leading to voluntary risk reduction)</li> <li>o incentive programs (leading to voluntary risk reduction)</li> <li>o land-use planning approaches( e.g. official plans, zoning bylaws, site plan controls, development permits)</li> <li>o new or amended provincial instruments(e.g. Certificates of Approval)</li> <li>o risk management plans</li> <li>o prohibition</li> <li>o restricted land uses.</li> </ul> <p>The regulation indicates that the more restrictive policies listed above would only be applied to significant drinking water threats. Similarly, the policies related to significant threats are mandatory and must be implemented, whereas the policies related to moderate and low risk drinking water threats leave some discretion to the implementer. The Source Protection Plan may also include various policies related to monitoring.</p>		
1.3	9	<p>Discussions with First Nations encouraged their participation on the Source Protection Committee. Those discussions led to the <b>recent</b> appointment of <b>two of the</b> three First Nations members on the Source Protection Committee. These <b>two</b> members were appointed by the London District Chief's Council to represent the eight First Nations in the region.</p>	Still just 2?	

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		Discussions with First Nations encouraged their participation on the Source Protection Committee. Those discussions led to the appointment of three First Nations members on the Source Protection Committee. These members were appointed by the London District Chief's Council to represent the eight First Nations in the region.		
1.3	10	<i>Table 1-1 SPC members and representation</i>	Needs to be updated	
		<i>See updated table appended to the end of this change log</i>		
1.4	11	The lead at the Lower Thames Valley Source Protection Authority is <b>Jack Robertson</b> , Water Management Supervisor.	Jack retired	
		The lead at the Lower Thames Valley Source Protection Authority is <b>Jason Wintermute</b> , Water Management Supervisor.		
1.5	12	The Terms of Reference for the Lower Thames Valley Source Protection Area were approved by the Minister of the Environment and the notice of approval posted on the Environmental Registry on April 20, 2009. This approval set the due date of <b>this</b> Assessment Report one year from the posting of the approval of the Terms of Reference, April 20, 2010, which was met. The report was <b>further</b> amended to produce the <b>current</b> Amended Proposed Assessment Report, <b>due</b> in December 2010.	Needs to reflect current AR status	
		The Terms of Reference for the Lower Thames Valley Source Protection Area were approved by the Minister of the Environment and the notice of approval posted on the Environmental Registry on April 20, 2009. This approval set the due date of <b>the</b> Assessment Report one year from the posting of the approval of the Terms of Reference, April 20, 2010, which was met. The report was amended to produce the Amended Proposed Assessment Report, <b>dated</b> in November 12, 2010. <b>It has since been updated to the current Updated Assessment Report due to be submitted for approval in early 2015</b>		
1.6.1	13	Caldwell First Nation is also established in the area <b>near Rondeau Bay</b> ; however they currently do not have a reserve.	Reflect more accurate description of current area	
		Caldwell First Nation is also established in the area <b>between Leamington and Rondeau Bay</b> ; however they currently do not have a reserve.		
1.8	15	Regulations require consultation on the Assessment Reports. This consultation, much like that of the Terms of Reference, requires a public meeting and posting of <b>the Assessment</b> Report <b>for comment</b> . Two posting periods are required: one posted by the Source Protection Committee for consultation on the draft proposed Assessment Report; and the second posted by the Source Protection Authority for comments on the proposed Assessment Report. The proposed Assessment Report is then submitted to the Ministry of the	Reflect updated AR	

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		Environment along with comments received in the final posting period. The Director may then approve the Assessment Report or require changes to the report.		
		Regulations require consultation on the Assessment Reports. This consultation, much like that of the Terms of Reference, requires a public meeting and posting for the draft proposed Assessment Report. Two posting periods are required: one posted by the Source Protection Committee for consultation on the draft proposed Assessment Report; and the second posted by the Source Protection Authority for comments on the proposed Assessment Report. The proposed Assessment Report is then submitted to the Ministry of the Environment along with comments received in the final posting period. The Director may then approve the Assessment Report or require changes to the report which has been referred to as the amended proposed Assessment Report. Once approved any revisions are included in an updated Assessment Report.		
1.8	16	Amendments required by the Director are incorporated into an amended Proposed Assessment Report which involves local consultation of those affected by the changes made to the report	Add consultation for updated AR	
		Amendments required by the Director are incorporated into an amended Proposed Assessment Report which involves local consultation of those affected by the changes made to the report.  Once approved any revisions to the Assessment Report are referred to as an Updated Assessment Report. As with the Amended Proposed Assessment Report, an Updated Assessment Report requires consultation with those affected by the updates. As some of the current updates are considered broad updates local consultation has been carried out in those areas where new vulnerable areas have been defined. A broad regional consultation has also been planned for the updated Assessment Report which exceeds the requirements for consultation on either the Draft Proposed or Proposed Assessment Report consultation including an open house in each area and a consultation period of approximately a month and a half.		
1.8	16	<i>Table 1-5 Summary of planned LTVSPA Assessment Report Consultation</i>	No longer relevant	
		<i>Delete table contents but retain table with the following text:</i>  Please refer to Assessment Report Consultation in Appendix 4 for details on Assessment Report consultation		
1.9	16	The following schedule describes at high level the work required to complete the remaining work to be included in the Assessment Report and the rest of the Source Protection Planning process.	Update to reflect current status	
		The following schedule describes at high level the work required to complete the Assessment Report and Source Protection Plan and update the Assessment Report and amended the Source Protection Plan before the approval of the first Source Protection Plan for the Thames-Sydenham		

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		and Region.		
1.9	17	Figure 1-1 Source Protection planning schedule overview	Revise figure?	
		See revised figure appended to this change log		
1	19	The current report is an Amended Proposed Assessment Report which fills in most of the data gaps identified in the Proposed Assessment Report. Local consultation with those affected by the amendments will be conducted.	AR version	
		The current report is an Updated Assessment Report which fills in many of the data gaps identified in previous Assessment Reports. Local consultation with those affected by the updates will be conducted.		
1.10.1	19	While the First Nations have been encouraged to participate in the development of the Assessment Report in a number of ways, to date that participation has been rather limited and very informal in nature. First Nations forums were set up in 2008-2009 across the region. First Nations participation on the Source Protection Committee has recently begun with the appointment of two of the three First Nations members. Previously various staff and councillors of the First Nations and the Southern First Nations Secretariat have participated in various ways including informal participation in tours and meetings of the Source Protection Committee, forums and workshops held at various stages in the Source Protection planning process. A First Nations liaison hired by the Conservation Authorities has been instrumental in the involvement of First Nation communities in many aspects of Source Protection Planning. Recently, interest has been expressed in the participation in some of the technical studies, however that work has yet to be initiated.	Revise to reflect more current work	
		The First Nations have been encouraged to participate in the development of the Assessment Report in a number of ways, That participation has been rather limited and very informal in nature. First Nations forums were set up in 2008-2009 across the region. First Nations participation on the Source Protection Committee began with the appointment of two of the three First Nations members. Previously various staff and councillors of the First Nations and the Southern First Nations Secretariat have participated in various ways including informal participation in tours and meetings of the Source Protection Committee, forums and workshops held at various stages in the Source Protection planning process. A First Nations liaison hired by the Conservation Authorities has been instrumental in the involvement of First Nation communities in many aspects of Source Protection Planning. A first Nations Liaison Committee was established to engage interested First Nations in the source protection planning process. The Chippewas of Kettle & Stony Point First Nation (in St Clair Region Source Protection Area) passed a band council resolution requesting the		

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		<p>Minister to include their intake in the Terms of Reference for the region and allow them to undertake the technical work to include Intake Protection Zones for their intake. Other First Nations in the Lower Thames Valley Source Protection Area participated in a study to assess the WHPA-E associated with their GUDI wells. The First Nations Working Group also explored potential policies which could be put in place on reserve to afford their groundwater a similar level of protection to municipal systems under the Source Protection Plan although they did not formally request to have their systems added to the Terms of Reference for the region.</p>		
1.10.2	20	<p>As there are a number of data gaps identified in the Assessment Report posted for comment, amendments to the Assessment Report, prior to the submission of the Source Protection Plan in 2012, was anticipated. The Data Gaps section of this report identifies the gaps and discusses plans to fill those gaps.</p> <p>The Assessment Report can be amended at any time that the Source Protection Committee becomes aware of the need to amend the report. Further, changes in understanding or factors such as land use which may have an impact on the Assessment Report may be brought to the attention of the Source Protection Committee. As a result of this new information or understanding, the Source Protection Committee may amend the Assessment Report. Any amendments to the Assessment Report would require consultation of those affected by the amendments. The Source Protection Committee will also need to consider amendments to the Assessment Report when the Source Protection Plan is reviewed. The period for review of the Source Protection Plan will be established by the Minister in the approval of the Source Protection Plan.</p> <p>Many of the data gaps identified in the Data Gaps and Next Steps section of the Proposed Assessment Report resulted in amendments to the Assessment Report. The current report is an Amended Proposed Assessment Report which fills in these previously identified gaps. The vulnerability and threats assessment tasks related to the West Elgin emergency intake, livestock density and managed lands are included in the current report. Local consultation with those affected by the amendments will be conducted.</p> <p>The terms 'updated' or 'amended' used throughout the report refers to a future Assessment Report following approval of this Amended Proposed Assessment Report.</p>	Verb tense and reflect the current AR	
		<p>As there were a number of data gaps identified in previous versions of the Assessment Report, updates to the Assessment Report were anticipated. The Data Gaps section of this report identifies the gaps and discusses plans to fill those gaps.</p>		

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		<p>The Assessment Report can be updated at any time that the Source Protection Committee becomes aware of the need to update the report. Further, changes in understanding or factors such as land use which may have an impact on the Assessment Report may be brought to the attention of the Source Protection Committee. As a result of this new information or understanding, the Source Protection Committee may update the Assessment Report. Any updates to the Assessment Report would require consultation of those affected by the updates. The Source Protection Committee will also need to consider updates to the Assessment Report when the Source Protection Plan is reviewed. The period for review of the Source Protection Plan is established by the Minister in the approval of the Source Protection Plan.</p> <p>The current report is an Updated Assessment Report which fills in some of the previously identified gaps. Local consultation with those affected by the updates will be conducted.</p> <p>The term 'updated' or 'amended' used throughout the report may refer to a future Assessment Report following approval of this Updated Assessment Report or to this Update Assessment Report itself.</p>		
A11- Glossary				
		<p>Add EBA – Event Based Area And Event Based Area – An area within which an activity is a significant drinking water threat based on event modelling. It may be comprised of parts of IPZ-1, IPZ-2 and IPZ-3</p>		



Table 1-1 SPC members and representation

Chair			<a href="#">Robert Bedggood</a>
Municipalities		Chatham-Kent	<a href="#">Sheldon Parsons</a>
		Lambton	<a href="#">Darrell Randell</a>
		London	<a href="#">Patrick Donnelly</a>
		Middlesex	<a href="#">James Maudsley</a>
		Elgin	<a href="#">Brent Clutterbuck</a>
		Oxford	<a href="#">Pat Sobeski</a>
		Perth, Stratford, St. Marys, Huron	<a href="#">Joe Salter</a>
Sectors			<a href="#">John Van Dorp</a>
		Agriculture	<a href="#">Patrick Feryn</a>
			<a href="#">Don McCabe</a>
		Industry/Commercial	<a href="#">Dean Edwardson</a>
			<a href="#">Earl Morwood</a>
		Aggregate/Oil and Gas	Aggregate and Quarries
	Oil and Gas	<a href="#">Hugh Moran</a>	
Other			<a href="#">George Marr</a>
			<a href="#">Doug McGee</a>
			<a href="#">Joseph Kerr</a>
			<a href="#">Carl Kennes</a>
			<a href="#">Valerie M'Garry</a>
			<a href="#">John Trudgen</a>
			<a href="#">Charles Sharina</a>
First Nations			Kennon Johnson
			Augustus Tobias
			Darlene Whitecalf
Liaisons		Medical Officers of Health	Jim Reffle
		Province	Teresa McLellan
		Source Protection Authority	Murray Blackie