



Sub Committee MEETING MINUTES  
NOVEMBER 14, 2014  
Meeting #61

Bob Bedggood, Chair of the Source Protection Committee called the meeting to order at 9:10 a.m. on November 14, 2014 at the Upper Thames River Conservation Authority Boardroom. The following members and staff were in attendance:

**Members**

|                              |                                      |
|------------------------------|--------------------------------------|
| Bob Bedggood                 | Sheldon Parsons                      |
| Murray Blackie (SPA Liaison) | Darrell Randell                      |
| Brent Clutterbuck            | Jim Reffle                           |
| Pat Donnelly                 | Joe Salter                           |
| Dean Edwardson               | Charles Sharina                      |
| Patrick Feryn                | Pat Sobeski                          |
| Paul Hymus                   | Augustus Tobias                      |
| Carl Kennes                  | John Trudgen                         |
| George Marr                  | John Van Dorp                        |
| Don McCabe                   | Darlene Whitecalf                    |
| Valerie M'Garry              | Teresa McLellan (Provincial Liaison) |

**Regrets:**

Kennon Johnson  
Joe Kerr  
James Maudsley  
Doug McGee  
Earl Morwood  
Hugh Moran

**Staff:**

|                         |                         |
|-------------------------|-------------------------|
| Chris Tasker            | Linda Nicks             |
| Michelle Fletcher       |                         |
| Deb Kirk                | External attendees:     |
| Steve Clark             | Susan MacFarlene, LAWSS |
| Teresa Hollingsworth    |                         |
| Bonnie Carey            |                         |
| Rick Battson            |                         |
| Girish Sankar           |                         |
| Jason Wintermute, LTVCA |                         |
| Brian McDougall         |                         |
| Valerie Towsley         |                         |



1) Chair's Welcome

Bob Bedgood welcomed the committee and acknowledged a quorum was achieved.

2) Adoption of the Agenda

The agenda numbering was revised and additional maps were included. The committee approved the amendments to the agenda.

Moved by Darrell Randall -seconded by George Marr

*“RESOLVED that the November 14, 2014 meeting agenda be approved as amended.”*

CARRIED.

3) Delegations

There were no delegations.

4) Minutes from Previous Meeting

The June 13<sup>th</sup> and July 11<sup>th</sup> SP sub-committee meeting minutes were approved due to quorum not being achieved at previous meetings.

Moved by Charles Sharina -seconded by Sheldon Parsons

*“RESOLVED that the June 13<sup>th</sup> and July 11<sup>th</sup> sub-committee meeting minutes be approved.”*

CARRIED.



The SPC endorsed of the actions of the subcommittee meetings that were held on July 11<sup>th</sup> and October 9<sup>th</sup>.

Moved by George Marr -seconded by Joe Salter

*“RESOLVED that the actions of the July 11, 2014 and October 9, 2014 sub-committee be approved.”*

CARRIED.

The October 9<sup>th</sup> SPC sub-committee meeting minutes were approved.

Moved by John Trudgen-seconded by Paul Hymus

*“RESOLVED that the October 9, 2014 sub-committee meeting minutes be approved.”*

CARRIED.

5) Declaration of Conflict of Interest

No conflict of interest was identified.

6) Business arising from the minutes

7) Business

a) Policy Pre-consultation Comments

Policy comments were submitted by municipalities and were distributed to the members. Most of the comments were requests for clarification. Michelle Fletcher highlighted the responses and the suggested revisions. Comments were outlined in a table with the discussion paper and it was recommended that a motion be passed to accept each where changes will be made to policy.

**Comment ST1- Policy 1.06 c)** will be amended to include a reference to the list of threats in the regulation *as follows*, “Identify the significant drinking water threats,

*as listed in O.Reg. 287/07 S 1.1(1), that are prohibited through Prescribed Instruments, or Section 57 of the Clean Water Act, in accordance with the significant drinking water threat-specific policies contained in this Source Protection Plan;” and the OP Discussion Paper will be updated to suggest that municipalities cite O.Reg. 287/07 S 1.1(1) [the section of the regulation that lists the 21 Prescribed Drinking Water Threats] and include the list of Prescribed Drinking Water Threats as a schedule in their OP. The discussion paper can provide a list of only those activities that have prohibit policies within the TSR. The paper can also be modified to suggest that municipalities may want to request that their RMO further modify this list for them by narrowing it down to only the Prescribed Drinking Water Threats that have prohibit policies that are applicable within their municipality.*

The committee agreed to revise the policy to allow municipalities to identify the threats by reference to the list in regulations or provide a more specific list if they wish. The discussion paper for the municipalities will be refined outlining the options.

Moved by Pat Donnelly-seconded by Valerie M’Garry

*“RESOLVED that the revisions be made to Policy 1.06c) as recommended.”*

CARRIED.

**Comment ST3a** relates to policy 2.1.5 future prohibition of septics using landuse policies. The concern was if it applied to residential uses and existing lots of record, amending the OPs and or Zoning By-laws to prohibit development that was previously permitted may result in lengthy and expensive legal proceedings. The policy is intended to apply to existing lots which do not have existing septic systems. Where a lot has a septic system or where it is serviceable by sewers this would not be a problem. The scope of this applies in most places to WHPA-As.

After a discussion the committee agreed to continue to endorse their previous position of prohibiting septics and holding tanks including lots of record in WHPA-A’s.

Moved by Valerie M’Garry -seconded by Darrell Randall

*“RESOLVED that Policy 2.15 will not be revised and will remain as previously endorsed by the committee.”*

CARRIED.

**Comment ST3b** Policy 2.15 was also reviewed. No comments or changes required.

**Comment SA8** Section 26 (9) of the Planning Act requires that Zoning By-laws are to be updated within three years of an official plan update. It is suggested that the requirement for SPP zoning updates be increased from 2 years to 3 years.

It was recommended that Section 3b) of the policy be amended as follows, “Updates to zoning By-laws shall be initiated as soon as possible after the effective date of the Source Protection Plan with a goal to be completed within three (3) years of the effective date of the Source Protection Plan or if Official Plan amendments are required, within three (3) years of the completion of the Official Plan amendments.

The committee agreed with the staff recommendation of the time period for municipalities to complete SPP zoning and OP updates to be 3 years, being more consistent with the Planning Act. Most of the municipalities are already engaged in the process.

Moved by Sheldon Parsons -seconded by Pat Sobeski

*“RESOLVED that the committee agreed with the staff recommendation of the requirement for SPP zoning updates be 3 years.”*

A motion was passed by the SPC to accept all comments and responses in the package circulated. Responses will be forwarded to the commenters and an offer to give any further clarification if necessary.

Moved by John Trudgen -seconded by Pat Donnelly

*“RESOLVED that the SPC accept the entirety of the Municipal Pre-Consultation comments and responses.”*

#### b) SPP Revisions

1. Volume 1- the change log was distributed with the package. There were no further comments on these changes.
2. Volume 3. Changes made to these policies were to remove exclusion of sewage works from RMP requirements as the prescribed instrument cannot deal with storage and handling of fuel.

3. Glossary. An updated glossary now includes new acronyms and definition “*Events based Areas*” and the Ministry name changes. The GUDI links are being worked on. It was noted that in the glossary entries dealing with ministries we need to use consistent verbs (references *are* rather than *is*).

4. Explanatory Document.

The revised Table 10 was distributed with meeting package. There is significant change to the explanatory document. It was noted that while the explanatory document is important to provide context on policies it is not submitted for approval with the SPP. This allows an opportunity to revise as necessary to improve clarity and understanding. A summary of the currently planned revisions was provided.

A question was asked relating to 4.2.8. and how it was worded. A more detailed description of what type of transportation routes of *fertilizer* being a threat will be included.

5. Maps

The SPP SDWT policy applicability mapping was updated for the policy pre-consultation. Revised CK/Essex mapping was provided.

A motion was passed to approve the apSPP for posting and that staff be given the latitude to correct errors found as the plan is assembled for publishing. Any major revisions or policy changes will be dealt with through CA comments during consultation.

Moved by Dean Edwardson -seconded by Valerie M’Garry

*“RESOLVED that the committee give approval of the revisions to the SPP including those to the Glossary, Explanatory document and maps and allow staff to make minor revisions and corrections.”*

#### c) LTVSPA Assessment Report Updates

1. Issues Section 5 –Microcystin LR. In comments on the ERCA SPP it was identified that the correct name for the issue in western Lake Erie is Microcystin LR. A review of volume 5 will be completed and appropriate changes made.
2. Threats Section 7 Change log was distributed with the meeting package. Updated threats numbers were provided on a new table that Jason Wintermute completed to include threats counts (fuel) for Wheatley and Stoney Point.

3. Great Lakes Section 8. Changes will be made based on the UTRSPA change log which was discussed later in the meeting.
4. Maps. Revised maps for the LTVSPA EBA have been prepared and were made available on the screen. The discussions on the inclusion of in lake parts of the EBA and the MOE changing the decisions of whether it should be part of the EBA, IPZ-3, neither or both. The in water portions are shown as IPZ-3 and not the EBA as modeling a spill within these areas was not done. Teresa McLellan reported that if the request letter to the Director included shipping then the water portion can be included in the EBA. Shipping was included as a concern for the St. Clair. Copies of the maps will be posted on the web-site and members were advised if they want copies they can inform Deb Kirk.

Map 4-10 was reviewed. Scoring starts at 6.3 and works its way down based on travel time. Due to the vulnerability scoring these IPZ-3 zones can have moderate or low drinking water threats.

A question was asked of what the cross hatched region was in the Essex Region on the map. Cross hatched areas will be identified in the legend and a lighter color will be applied for more clarity on the on land portion with the road networks.

The committee approved the Lower Thames Valley Assessment Report for posting for public review and comment with the recommended updates; allowing staff the latitude to correct any errors or make appropriate revisions to the document as it is being compiled for posting.

Moved by George Marr -seconded by Darrell Randall

*“RESOLVED that the SPC approve the revised Lower Thames Valley Assessment Report with the recommended updates for posting and allow staff to make other minor revisions or corrections as necessary.”*

CARRIED.

#### d) SCRCA Assessment Report Updates

1. Great Lakes Section 8 as with the LT section 8 changes will be based on UTRSPA change log with appropriate revisions to reflect Lake Huron and the SCRCA. Steve Clark is still working on those changes.
2. Section 9 change log was distributed at the meeting. Changes were similar to those undertaken for the LTVCA. Additional changes in

Section 9.2. was noted and the table reflects the current status of the work. A discussion previously reviewed what constitutes a gap. The table may still need some refinement as MOE considers whether some of these should be identified as gaps. Some of the items will be discussed at the end of the meeting to consider priorities for the next year's work plan should any of this work be eligible for MOE funding. Similar revisions to the Section Summaries will also be done.

A few of the data gaps have been removed which are no longer gaps. In reviewing these gaps a list has been compiled of technical work which was discussed at the end of the meeting to get SPC input on priorities for the next year's work plan.

Pat Donnelly noted planning staff and CA staff will be meeting to review the London Official Plan. A suggestion was made to compare edge match mapping for HVA\SGRA already done by the Kettle Creek. A pilot project results in the Toronto Region showed it is a challenging process to align areas/zones that may have delineated used different methods. The SGRA poses a different challenge even internally as it is applied on sub-water basis. IPZ's and WHPA-As are not a concern as these were worked on collaboratively with Essex and Oxford County.

A reminder was given that similar changes are also necessary in the section summaries. The members were also reminded that the AR will have placeholders for the system summaries that have been pulled out as separate documents to use as a communication tool.

The SPC approved the SCR AR for consultation and gave the staff the latitude to make any corrections or appropriate changes to document the work which was completed.

Moved by Valerie M'Garry -seconded by Sheldon Parsons

*“RESOLVED that the SPC approve the revised St. Clair Assessment Report for posting and allow staff to make other minor revisions or corrections as necessary.”*

CARRIED.

e) UTRSPA Assessment Report Update

1. Introduction and Background Change Log was distributed at the meeting.



2. Great Lakes Section 8 Change Log was distributed with the meeting package. A thank-you was given to Teresa Hollingsworth for engaging colleagues at other organizations to update the status of some of the Great Lakes agreements. As noted previously, this will be used as a model for the LT and SC ARs.

Caldwell First Nations is mentioned in the UT AR due to it being a characterization of the entire watershed. First Nations are included in the LT and St. Clair as well.

3. Data Gaps and Next Steps. The Change Log was distributed at the meeting which was updated to reflect work that has been completed. Notable items were the need to compare the current WHPAs with those that the Tier 3 model might generate. Improvements have been made to the Oxford and St. Mary's model. Oxford County will be pursuing this hopefully with MOE support. The Stratford model will not change but the St. Mary's will. The Thorton wells in Woodstock will need to be re-accessed in a future AR.
4. Maps were distributed at the meeting. There are no water quantity risks associated with the systems in the Tier 3 water budget. The Water Budget work will be included in the AR and available on the DVD as a supplemental document.

The SPC approved the revisions to the Upper Thames River Assessment Report for posting giving the latitude for staff to make any appropriate revisions.

Moved by John Trudgen -seconded by Brent Clutterbuck

*“RESOLVED that the SPC approve the revised Upper Thames River Assessment Report for posting and allow staff to make other minor revisions or corrections as necessary.”*

CARRIED.

## 8) Information

### a) Roadside Signs

An announcement was made at the Chairs meeting of the approval of the roadside sign standard. Teresa McLellan showed a photo of the new signs with the Chairs. The standard was designed in consultation with a working group that included MOE,

Chairs, CA staff, and MTO. There will be approximately one hundred locations across the region and a dozen on provincial highways. The EBA will touch on Highway 403. Where there are current signs they will be eventually be replaced with the updated ones for consistency across the province. It is the responsibility of the municipality to put the signs up on municipal roadways and the specs will be made available to them. Teresa McLellan will report back on the funding that is available to municipalities for the signs.

#### b) Spills Action Centre

Teresa McClellan gave a presentation on the Spills Action Centre which will be posted on the SW website. The spills action center has been working to incorporate the SW vulnerable zones into their process. Procedural cards were reviewed and now include SW. An interactive mapping tool is available to all officers. A question was asked of how many field officers there are. The Spills Action Centre is in Toronto. There are approximately one hundred field officers across the province, with six in London District. The number has increased considerably since the Walkerton event.

A comment was noted that a spill could be a concern in areas other than just in the IPZ-3's. If the Spills Action Centre uses the screening of a significant threat for a spill it may miss spills in IPZ-1 or 2 or beyond which are not SDWT but may still be a problem at the intake. Teresa McLellan will follow up on this.

As part of the recent pilot project in the Niagara Region of the 21 spills reported one spill was in a Source Protection vulnerable area.

The MOE schedule for the SPP approvals was reviewed. Two more plans have been approved. Ten of the twenty three are now completed with thirteen remaining. Ausable-Bayfield is actively being reviewed for approval. The timeline is expected to be six months after submission. Erin Harkins will be the coordinator for the review of the Thames-Sydenham and Region.

#### c) Consultation and New Source Protection Website

Rick Battson reported there is a new Source Protection website being developed by Chris Durand of the St. Clair Conservation. Rick provided the committee with a tour of the website and gave a brief description of each of the various sections. The goal was to construct a simple, easy functionality website.

Darlene Whitecalf reported the First Nations contact information on the fact sheets will need to be updated. SP committee profiles have been updated.



In response to a question Rick indicated that a map showing each of the SPAs will be on the site. The province and Conservation Ontario also have links that includes all the SPAs, ARs, SPPs and contact information.

SPP and Assessment Report consultation will be held at the conservation authority offices on the following dates:

- December 17 for Upper Thames
- January 13 for St. Clair
- January 14 for Lower Thames

d) Education and Outreach Resource Catalogue

A website for Education and Outreach information can be found on the following page: <http://conservationontario.ca/library?view=category&id=66>. The location of the site was shown to the members.

e) Source Protection Planning Future

Chris Tasker gave a presentation on *Source Protection Planning Future* which will be available on the website. With the submission of the SPP in February, some of the member's appointments will expire once the SPP is approved. The Minister has committed to approving all plans by the end of December 2015. After the SPP approval the number of committee meetings will be lessened to approximately three or less a year and the length of each meeting is expected to be 2-3 hours. Work will continue beyond the approval of the plan. Meetings in 2015 were outlined to include the January 2015 meeting with the location yet to be determined based on the progress of the construction at the St. Clair Conservation and possibly June. A meeting in January 2016 will be necessary to finalize reporting guidance.

The role of the SPC was discussed. The committee will be part of annual reporting, was asked to give any feedback on local guidance documents, future technical work, and comments on the SPP and ARs may need to be addressed as a result of the approval process.

Once the SPP approval is posted on the EBR 1/3 of the committee will expire but which members still needs to be determined. The current appointments will be extended to December 2015.

Key points of discussion were:

- SPC appointments are for 3 years.

- If a vacancy has been previously filled it does not affect the expiry.
- First Nations appointments all expire at the same time. Re-engaging the First Nations liaison committee was suggested to start to think about this.
- Municipalities can nominate and provide a list of names jointly. If more than one name is provided, the SPA appoints through an interviewing process.
- The members were asked to think about their appointments and if they want to continue to put their name forward.
- The agricultural sector had a process in place to select members which could be used again.
- A committee has been formed with some of the SPC Chairs to discuss the size of committees, composition, and achieving quorum. The Ministry is seeking feedback pertaining to this.
- Achieving quorum was discussed and options such as using proxy, having members call in may need to be considered.
- Having diverse, cross representation of members on the committee has given balance especially due to the three watershed regions involved.

The Conservation Authority role was reviewed. Implementers will need to be supported to understand the plan especially in the early years.

Future technical work was discussed in terms of the priorities. Staff will be meeting to review and brainstorm about the items.

The committee reviewed and discussed some of the future work priorities:

- Events Based Areas modelling to look at other areas, systems and chemicals was not seen as a priority.
- Non-municipal systems; There is merit in looking at smaller systems such as schools, retirement homes and larger ones such as trailer parks.
- Lake Erie microcystin issue work has to be done.
- Provincial Groundwater monitoring for a variety of chemicals. Fluoride/sodium was used as example.
- Climate change impacts. The Ministry of Environment is now called MOECC- to include Climate change. Recharge areas may be affected.
- Water Quantity information could be improved although they do not affect the drinking water systems at this point.
- Transport pathway/tile drainage in an ICA.
- Conditions were not seen as a priority.
- Other local threats such as pipelines, oil and gas wells and not knowing where they are. A note was made there is not a lot of drilling occurring in Ontario; abandoned wells are an issue.

- First Nations systems only have one system included in the SW process. If there is interest it is possible to have systems designated. This would need to be furthered by the First Nations
- Monitoring implementation is important more important than doing more modelling.
- Watershed Characterization Reports will need to be updated later on.
- Edge matching mapping to be completed especially in London.

9) In Camera Session

None.

10) Other Business

None.

11) MOE Liaison report

No further items were reported on.

12) Members reports

*Bob Bedggood*- reported that this meeting is Sheldon Parson's last committee meeting and recognized and thanked him for all of his work over the past several years as well as all the committee members.

13) Adjournment

There being no further business, the meeting was adjourned at 2:15 p.m. PLEASE NOTE: The next SPC meeting is scheduled for January 30, 2015 and meeting location is to be determined.