

NIAGARA PENINSULA SOURCE PROTECTION COMMITTEE

WELLAND

July 30, 2013

7:00 p.m.

MINUTES

MEMBERS PRESENT: M. Neufeld, (Chair)
R. Bator
M. Bellantino-Perco
D. Ostryhon
D. Renshaw
D. Ricker
T. Rigby
D. Semple
C. Shrive (by proxy)

MEMBERS ABSENT: B. Antonsen

LIAISONS PRESENT: B. Baty, Niagara Peninsula Conservation Authority
G. Hudgin, Niagara Public Health Representative
K. Turner, Ministry of the Environment

LIAISONS ABSENT:

STAFF PRESENT: B. Wright, Coordinator Source Protection
D. Gullett, Recording Secretary
M. Stack, Director Communications

OTHERS PRESENT: D. Barrow, Niagara Region
E. Evans, Niagara Region

ROLL CALL

DECLARATION OF CONFLICT OF INTEREST

ADOPTION OF AGENDA

BUSINESS:

The Chair called the meeting to order at 7:04 p.m. than mentioned there was a proxy this evening from Mr. Shrive to Mr. Ostryhon, therefore the votes are to be recorded. The Chair requested that if anyone had a conflict of interest to declare it. There being none, the following resolution was then presented.

SPCR-06-13

MOVED BY: M. Bellantino-Perco
SECONDED BY: D. Ricker
THAT: The agenda be accepted as presented.

	Yes	No		Yes	No		Yes	No
B. Antonsen	√		R. Bator	√		D. Ostryhon	√	
M. Bellantino-Perco	√		D. Renshaw	√		D. Ricker	√	
T. Rigby	√		D. Semple	√		C. Shrive	√	

“CARRIED UNANIMOUSLY”

(1) MINUTES – SOURCE PROTECTION COMMITTEE MEETING MAY 7, 2013

The Chair asked if there were any errors or omissions on the May 7, 2013 minutes. On page 5 item # 26, the IPZ should read IPZ-1. Mr. Rigby inquired if there would be a submission process for members of the committee, and the Chair responded just mention your intention to him at any time. The following resolution was then presented.

SPCR-07-13

MOVED BY: R. Bator
SECONDED BY: D. Ostryhon
THAT: The minutes of the Source Protection Committee meeting held May 7, 2013 be received and approved as amended.

	Yes	No		Yes	No		Yes	No
B. Antonsen	√		R. Bator	√		D. Ostryhon	√	
M. Bellantino-Perco	√		D. Renshaw	√		D. Ricker	√	
T. Rigby	√		D. Semple	√		C. Shrive	√	

“CARRIED UNANIMOUSLY”

(2) BUSINESS ARISING FROM THE MINUTES

The Chair mentioned these have already been addressed.

(3) UPDATE FROM THE CHAIR

The Chair recently had a conversation with the Director, Ling Mark with regards to submitting the SPP, and she is very pleased with the progress of our committee.

Staff and the Chair have been busy doing pre-consultation with municipalities and unfortunately this is not moving as easily as anticipated, although we are gaining consensus.

The Chair brought up Lake Gibson and the sediment issues, thought this was behind us, and asked Brian to fill you in with this. Mr. Wright responded this issue has been

resolved as the developer has decided not to discharge the additional stormwater flow into Marlatt's Pond.

(4) GANTT CHART OF TASKS FOR 2013

Mr. Wright explained the IPZ-3 updates have taken longer than expected due to the MOE requesting revisions to the modelling report for better clarification. The policy preparation for the event based modeling threats was more complex to fit into the SPP than expected and more dialogue on the SPP amendments has occurred since the last meeting. The good news is that we are still on track. Mr. Wright noted there may be a SPC meeting at the end of August to finalize the Assessment Report and SPP.

(5) SUMMARY OF THE IPZ-3 MODELLING – WELLAND CANAL

Mr. Wright stated Stantec completed the modeling last year, and in April the MOE requested more clarification, and suggested inserting an Appendix F in the Assessment Report for the event-based modeling. We still need a few more responses from the modeler to complete this, and this should be done by mid to late August.

A summary of the IPZ-3 modeling scenarios that exceeded the MAC criteria or came close are shown on the attached spreadsheet. Some scenarios from the DeCew Main intake have been included mainly to show that modeling was completed for this intake.

Table 1 on the back of report SPC-04-13 has been revised after you received your package. Significant threats identified for the Lake Gibson Alternate Intake by event-based modeling and IPZ-3 delineation have been removed for spill locations at Regional Road # 3 and Clarence St bridge. The uncertainty of the modeling was high and the results were close to the MAC criteria. The modeler was not confident the modeling results indicated an impact at the intake.

A new map (Schedule DC8) was handed out showing the IPZ-3 which will be incorporated into the AR and SPP. Mr. Wright asked if anyone had questions or comments.

Mr. Rigby inquired what MAC was short for. It is an acronym for Maximum Acceptable Criteria. Mr. Renshaw mentioned the DeCew – Hwy. 406 at Allanburg is duplicated. Mr. Wright said one is for the summer season and the other is for winter, but we'll just remove one for clarity. There being no further discussion, the following resolution was presented:

SPCR-08-13

MOVED BY: T. Rigby
SECONDED BY: D. Renshaw

THAT: This report SPC-04-13 concerning the Event-based Modelling for the Welland Canal based water treatment plants be received by the Source Protection Committee as amended.

	Yes	No		Yes	No		Yes	No
B. Antonsen	√		R. Bator	√		D. Ostryhon	√	
M. Bellantino-Perco	√		D. Renshaw	√		D. Ricker	√	
T. Rigby	√		D. Semple	√		C. Shrive	√	

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(6) SUMMARY OF THE IPZ-3 MODELLING – LAKE ONTARIO

Mr. Wright explained a couple years ago two scenarios were modeled by the Lake Ontario Collaborative for the Grimsby Water Treatment Plant intake. Both were identified by the LOC as being significant threats. The first was a diesel spill containing benzene. The location of the spill is outside our jurisdiction so the Hamilton-Halton Source Protection Committee is responsible for addressing this potential threat. The second model was a spill of 5 million counts E.coli/100mL from the Wastewater Treatment Plant to the Water Treatment Plant. The Wastewater Treatment Plant is not expected to discharge more than 1 million E.coli counts/100 mL, so this is not identified as a threat. Ms. Stack suggested having a link on our website to show this is Hamilton-Halton’s jurisdiction. The Chair could send a letter requesting to be informed if any threat of this is added to their policies. The following resolution was presented:

SPCR-09-13

MOVED BY: D. Ricker

SECONDED BY: M. Bellantino-Perco

THAT: This report SPC-05-13 concerning the Event-based Modelling by the Lake Ontario Collaborative for the Grimsby Intake, be received by the Source Protection Committee.

	Yes	No		Yes	No		Yes	No
B. Antonsen	√		R. Bator	√		D. Ostryhon	√	
M. Bellantino-Perco	√		D. Renshaw	√		D. Ricker	√	
T. Rigby	√		D. Semple	√		C. Shrive	√	

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(7) REPORT ON PORT COLBORNE RAW WATER QUALITY

The MOE indicated that policies concerning the application of fertilizer to land are not required for Port Colborne. Niagara Region provided graphs showing the trends for Nitrogen and Phosphorus, and the monitoring results show the levels have remained about the same to slightly decreasing since 2000. Based on this information these policies were deleted, however there is still a write-up in the Explanatory Document explaining why these two policies were deleted. The following resolution was presented:

SPCR-10-13

MOVED BY: D. Renshaw

SECONDED BY: D. Ostryhon

THAT: This report SPC-06-13 be received by the Source Protection Committee for information purposes.

	Yes	No		Yes	No		Yes	No
B. Antonsen	√		R. Bator	√		D. Ostryhon	√	
M. Bellantino-Perco	√		D. Renshaw	√		D. Ricker	√	
T. Rigby	√		D. Semple	√		C. Shrive	√	

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(8) UPDATES TO THE ASSESSMENT REPORT

Mr. Wright thanked Jayme Campbell for all his work on the Assessment Report, and the updates include:

1. Inclusion of event-based modeling and IPZ-3's;
2. Addition of Transportation Corridor threats;
3. Minor updates to Chapter 3 Water Budget.

A complete list of the revisions are shown in Table 8.1. The AR will go out along with the SPP and ED for public consultation. Mr. Wright mentioned the MOE reported that the SPC can make changes to the AR, SPP and ED after the public consultation period is finished, but before the documents are submitted to the Source Protection Authority. Some of the updates are:

- Table 3.3 was inserted as recommended by the MOE for modeling results, and the committee requested acronyms be added for these watersheds;
- An IPZ-3 cannot overlap an IPZ-1 or IPZ-2, thus a moderate threat can be upgraded to a significant threat within the IPZ-1 & 2 where the modeling shows this to be the case. An explanation should be placed in the ED;
- A reference to Appendix F is needed, perhaps on page 110 or 111;
- Page 111, section 5.2.3.2 has been updated since the SPC received their agenda package;
- Section 6.2.3, 7.2.5 and 8.2.3 are new adding the IPZ-3 delineations;
- Port Colborne has significant ASM and NASM transportation threats.

The updates that are included in the AR are only associated with what was originally submitted to the MOE. Mr. Bator requested we reassess the vulnerability scores for the DeCew Falls IPZ's. The Chair responded the MOE did not allow us to do this type of reassessment in this AR update. The vulnerability scores may be reassessed by the SPC in the next full AR round. The following resolution was presented:

SPCR-11-13

MOVED BY: D. Semple

SECONDED BY: D. Renshaw

THAT: This report SPC-07-13 concerning the 2013 draft Updated Assessment Report including discussions, be adopted and accepted by the Source Protection Committee.

	Yes	No		Yes	No		Yes	No
B. Antonsen	√		R. Bator	√		D. Ostryhon	√	
M. Bellantino-Perco	√		D. Renshaw	√		D. Ricker	√	
T. Rigby	√		D. Semple	√		C. Shrive	√	

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(9) POLICY ANALYSIS SHEETS

Mr. Wright explained we looked at other SPC’s policy approaches for locally added threats. In general the policy options that seemed most viable were: Emergency Response Plans, Signage Policies and Risk Management Measures. Mr. Wright mentioned most of these are strategic action policies, so these are optional, and it would encourage good communication between the Region, OPG and MTO. The following resolution was presented:

SPCR-12-13

MOVED BY: D. Ricker
SECONDED BY: M. Bellantino-Perco

THAT: This report SPC-08-13 concerning policy approaches to be used for the locally added significant drinking water threats be received by the Source Protection Committee.

	Yes	No		Yes	No		Yes	No
B. Antonsen	√		R. Bator	√		D. Ostryhon	√	
M. Bellantino-Perco	√		D. Renshaw	√		D. Ricker	√	
T. Rigby	√		D. Semple	√		C. Shrive	√	

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(10) AMENDMENTS AND UPDATE TO THE SOURCE PROTECTION PLAN (SPP)

Report SPC-09-13 presents the amendments and updates to the source protection plan (SPP) and Explanatory Document (ED) to address the MOE comments and the locally added threats. Table 1 shows a listing of all the policies in the SPP. The new policies and revised policies are hi-lighted in yellow. To point out a few of them:

- Policies were included for Welland;
- Policies G-5 and G-6 were minor rewording of policies;
- Policies PC-3 and PC-4 application of pesticides and fertilizer were deleted and replaced with PC-25 to PC-27, the application of pesticide;
- ERP recommended changes were adjusted after some pre-consultation with Niagara Region and City of Port Colborne.
- RMM measures are only requested of SLSMC since they operate the Welland Canal.

- DC-9 to DC-11 are similar to WL-2 to WL-4
- M-10 added for City of Welland
- M-11 added for MTO
- Figures for Lake Gibson Alternate intake IPZ-3 and event-based modelling areas has been revised.
- Note the areas shown where policies apply (which is not all Lake Gibson).
- Cascading effects of the SPP policy changes are shown in the ED as well as any MOE recommended amendments.

Ms. Bellantino-Perco asked if there was any resistance from the pre-consultation. The Chair responded the intent is to encourage and promote what is to be done, not dictating what certain things can and can't be done. As policies are written now, there is still time for comments to be sent to the MOE. Mr. Wright mentioned the tables in the appendices are missing. Mr. Bator asked when will the 30 day public consultation begin, and Mr. Wright is hoping it will take place in 2 to 3 weeks from now. The following resolution was presented:

SPCR-13-13

MOVED BY: T. Rigby
SECONDED BY: D. Renshaw

THAT: This report SPC-09-13 be received by the Source Protection Committee, and that the amendments and updates shown in the Updated Source Protection Plan and Explanatory Document and comments made be approved by the Source Protection Committee.

	Yes	No		Yes	No		Yes	No
B. Antonsen	√		R. Bator	√		D. Ostryhon	√	
M. Bellantino-Perco	√		D. Renshaw	√		D. Ricker	√	
T. Rigby	√		D. Semple	√		C. Shrive	√	

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(11) SPP WORKING GROUP MINUTES

Attached are the minutes from the working group meetings held April 5, May 28 and June 27, 2013 for information purposes.

SPCR-14-13

MOVED BY: R. Bator
SECONDED BY: T. Rigby

THAT: The Source Protection Committee receive the minutes of the Source Protection Plan Working Group meetings for information purposes.

	Yes	No		Yes	No		Yes	No
B. Antonsen	√		R. Bator	√		D. Ostryhon	√	
M. Bellantino-Perco	√		D. Renshaw	√		D. Ricker	√	
T. Rigby	√		D. Semple	√		C. Shrive	√	

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(12) OTHER BUSINESS

Deanna Barrow said Niagara Region and OPG are completing an Environmental Assessment on DeCew closing the raw water channel. The primary source would be Lake Moody, which is good news for Source Water Protection, but this would also require updates to the SPP. She also mentioned that Elizabeth Evans has been designated the Risk Management Official and Risk Management Inspector officially.

Mr. Bator mentioned there were machines on the supply canal at Beaverdams Road. The Region has an agreement with OPG that they maintain the channel. He also informed the committee the Niagara Falls Sewage Treatment Plant is up and running now.

ADJOURNMENT

There being no further business the Chair adjourned the meeting at 9:06 pm.

“D. Gullett, Recording Secretary

M. Neufeld, Chair”