

**MINUTES OF THE TWENTY-THIRD MEETING OF THE NORTH BAY-MATTAWA
SOURCE PROTECTION COMMITTEE
9:15 AM, THURSDAY, JANUARY 14, 2010
Held at the NBMCA Boardroom, 15 Janey Ave., North Bay**

1. Administration

a) Meeting called to order @ 9:15 am by Chair, Barbara Groves.

b) Attendance

| S P C | Staff and Liaisons |
|---------------------------|---|
| Barbara Groves, Chair | Sue Miller, Manager DWSP |
| Lucy Emmott (to 11:15 am) | Rob Pringle, Source Protection Planner |
| Ian Kilgour | Sue Buckle, Communications Advisor |
| Dennis MacDonald | Francis Gallo, Water Resources Specialist (to 10:45 am) |
| John MacLachlan | Scott Higgins, GIS Specialist (to 10:45 am) |
| George Onley | |
| Maurice Schlosser | Neil Gervais (MOE Liaison) |
| George Stivrins | Chuck Poltz (for NBPSDHU Liaison) |
| Roy Warriner | Peter Quinby, Technical Writer (9:40 – 11:00 AM) |

c) Declaration of Pecuniary Interest – None

d) Approval of Agenda

Motion to Approve Agenda as Distributed made by Ian Kilgour, seconded by John MacLachlan.

Carried

e) Approval of Minutes of June 25, 2009 SPC Meeting

Motion to Approve Minutes as circulated made by Dennis MacDonald, seconded by Roy Warriner.

Carried

f) Approval of Minutes of November 25, 2009 SPC Meeting

Motion to Approve Minutes as circulated made by Ian Kilgour, seconded by John MacLachlan.

Carried

h) Correspondence - None

2. Project Manager's Report

Sue Miller presented the contents of her report which was distributed to the committee in the meeting package. She made note that specific sections dealing with timelines needed to be revised. The Ministry made recommendations to file for an extension on our submission deadline based on the need to complete all aspects of the report as set out in the terms of reference. This incorporates the Trout Creek study, which had been delayed by about 3 months due to the need to revise other studies to reflect November 2009 changes in the Technical Rules.

The committee can take pride that we will soon be the first in the province to complete a Tier 3 Water Quantity Stress Assessment and will be the first to complete a Water Quality Risk Assessment for a cluster of private wells.

Action Items resulting from discussion of items:

- > Scheduling a Trout Lake Advisory Committee Meeting for February 2, 1-3 pm. Neil Gervais wishes to be included in that meeting.
- > For keeping the Callander community informed, the required public meeting on the Draft AR will be held in Callander, and the new results for Callander will be highlighted then. Additionally, the Callander Working Group should be informed ahead of time and be given any additional materials that would be pertinent to their review.
- > Look for ways to promote 'good farming practices' and recognize good stewardship – as a result may get more interest in hosting an Environmental Farm Plan workshop in our region.

3. Assessment Report Preliminary Draft and Discussion

The committee feels that the report should be organized to have all information pertinent to a specific municipal system in the section for that system, recognizing that most people will be looking for findings by municipality. The same approach is being taken on the website with respect to posting for public review and comment.

Wording should be adjusted to make sure it does not create misconceptions and/or undue concern. It was suggested that we highlight the fact that the water quantity work is looking at projected demands 25 years into the future, and we should consider the possibility of an increase in local agricultural production. Further, it is important that the document emphasize the public's opportunity to comment.

4. Overview of Project and Members' Roles

Sue Miller explained the timeline for completion based on the extension of the submission date and solicited feedback on where the Committee wished to be included, and how they wanted to be active in the process. Neil Gervais added comments about what the extension would mean in terms of completion of the project, and also commended the detail of the timeline for inclusion in the extension request. He also advised that there are other committees requesting extensions and noted that the Director and Minister are working quickly to process requests.

Action > The request as submitted will be distributed to the Committee.

5. Communications Plan for the Assessment Report

Sue Buckle, Communications Advisor, presented a communications plan specifically for the Assessment Report phase of the Source Protection process. The Plan highlights the goals and outcomes the committee wishes to accomplish, and who the target audience of the process should be. The focus of communications will be on making the report phases accessible to members of the public and various stakeholders, including a focus on effective online posting and meaningful consultation. Certain aspects of the plan are in progress, including creating a specific comment email: dwsp.comments@nbmca.on.ca.

6. New Business

Meeting dates which were listed on the agenda for the January 14, 2010 meeting have been adjusted per the discussion of the timeline for completion. Source Protection Committee dates are now scheduled as follows:

| Date (Feb-June 2010) | Event | Location | Time |
|-----------------------------|---|---------------------|----------------|
| Thursday, February 4 | Public Consultation Session-1 for Trout Creek | To be determined | 7 pm |
| Thursday, February 18 | SPC Meeting | NBMCA Boardroom | 9:15 AM – Noon |
| Thursday, March 11 | Public Consultation Session-2 for Trout Creek | To be determined | Evening |
| Wednesday, March 24 | SPC Meeting | NBMCA Boardroom | 9:15 AM – Noon |
| Thursday, April 15 | SPC Meeting | NBMCA Boardroom | 9:15 AM – Noon |
| Thursday, April 29 | Draft AR Public Consultation Session | Callander (Legion?) | Evening |
| Tuesday, May 18 | SPC Meeting | NBMCA Boardroom | 9:15 AM – Noon |
| Tuesday, June 15 | SPC Meeting | NBMCA Boardroom | 9:15 AM - Noon |

Our Ministry of Environment Liaison Neil Gervais will be going on a 4-week parental leave from March 1-28, 2010. He will notify staff of his replacement during that time.

7. Adjourn

Meeting adjourned at 12:10 p.m.

Motion to adjourn by George Onley.

Carried

Barbara Groves, Chair

Sue Miller, Project Manager

**MINUTES OF THE TWENTY-FOURTH MEETING OF THE NORTH BAY-MATTAWA
SOURCE PROTECTION COMMITTEE
9:15 AM, THURSDAY, FEBRUARY 18, 2010
Held at the NBMCA Boardroom, 15 Janey Ave., North Bay**

1. Administration

a) **Meeting called to order @ 9:17 am by Chair, Barbara Groves.**

b) Attendance

| S P C | Staff and Liaisons | Regrets |
|-------------------------------------|--|------------------------|
| Barbara Groves, Chair | Sue Miller, Manager DWSP | Maurice Schlosser, SPC |
| Lucy Emmott | Rob Pringle, Source Protection Planner | |
| Ian Kilgour | Francis Gallo, Water Resources Specialist (11:50 to end) | |
| Dennis MacDonald | | |
| John MacLachlan | Neil Gervais (MOE Liaison) | |
| George Onley | Chuck Poltz (NBPSDHU Liaison) | |
| George Stivrins* | | |
| Roy Warriner | | |
| * By Phone per committee policy 3.2 | | |

* George Stivrins participated by phone at the commencement of the meeting for section 1 including discussion of the motion described in 1(h).

c) Declaration of Pecuniary Interest – None**d) Approval of Agenda**

Motion to Approve Agenda as Distributed made by Ian Kilgour, seconded by Dennis MacDonald.
Carried

e) Approval of Minutes of January 24, 2010 SPC Meeting

Motion to Approve Minutes as circulated made by John MacLachlan, seconded by Dennis MacDonald.
Carried

f) Acceptance of Record of Trout Creek Public consultation: February 4, 2010

Motion to Approve Minutes as circulated made by Dennis MacDonald, seconded by Roy Warriner.
Carried

h) Motion to consult with absent members about a motion being made later in the meeting with the support of phone-in participation.

Communicating by phone with George Stivrins to accept a motion that a temporary measure be enacted which would allow for Maurice and George S. to be consulted after the meeting to gain consensus for a motion made under agenda item 4 concerning transportation corridors.

Motion made by Dennis MacDonald, seconded by John MacLachlan. **Carried**

i) Correspondence

Official Notice was received from Ian Smith, Director, Source Protection Programs Branch, Ministry of Environment, that the due date for submission of our Proposed Assessment Report has been extended to July 28, 2010. The members received this notice via email. A hard copy was received by staff and the Chair.

2. Project Manager's Report

Sue Miller presented the contents of her report which was distributed to the committee in the meeting package. She noted that work on the Assessment Report is continuing with input from the Committee helping to determine the format and emphasis on readability and severability. Work on the Technical Studies is being completed, and meetings will be held with the technical advisory committees when draft reports are received. The replacement of a municipal representative is still coming along; there has been some interest from Papineau-Cameron in submitting a name. The closing date for submissions from municipalities is February 26, 2010.

Action Items resulting from discussion of items:

- > George Onley would appreciate having the contact information of those involved in the Callander Watershed Advisory Group, so he knows who is on the committee and can make a point to discuss issues with them.

3. Presentation: Draft Regulation Amendments for Source Protection Plan (MOE)

Neil Gervais, MOE liaison, provided a presentation on the proposed revisions to the General Regulation to accommodate the planning phase of the program. The presentation was designed to inform the committees of the avenues that will be available to form the plan.

Neil will be providing a copy of the presentation with revisions to the talking points for circulation to the committee. A short summary of committee questions or comments on this presentation is attached to these minutes. Most of the questions were addressed during the meeting.

Neil extended an invitation to committee members to attend consultation on the draft regulation amendments on March 5 in Sudbury. Barbara Groves, Dennis MacDonald (Transportation) and perhaps Maurice Schlosser (Agriculture), along with staff will represent the SPC. It is suggested that there be a unified comment from the committee, but quantity of individual comments is also helpful to the process.

4. Resolution received from the Trout Lake Watershed Advisory Committee

A motion was made at recent Trout Lake Watershed Advisory Committee meeting that requests that the Source Protection Committee work towards recognition of transportation corridors as threats under the currently available method. The proposed approach involves identifying the most hazardous chemicals in several categories which could be transported, and then assessing the threats potentially posed. The transportation corridors themselves are not threats, rather the activity of transporting hazardous materials and the potential for release to source water in the event of a spill will be the focus.

Motion to accept the resolution of the Trout Lake Watershed Advisory Committee and to respond by pursuing identification and assessment of the threat posed by transportation of hazardous materials along corridors in vulnerable areas for inclusion within the Assessment Report for the North Bay – Mattawa Source Protection Area made by John MacLachlan, seconded by Roy Warriner. **Carried and approved by absent members per motion (Item 1(h)).**

Action Items:

- Neil to advise staff, Chair and Transportation member on the process to move forward .
- Staff to acquire relevant information on contaminants possibly from Emergency Response committees or transportation contacts.
- Keep Maeve/Neil (MOE Liaisons) informed.
- Committee members should provide comment on the Draft Amended Regulation to include Corridor Threats as a possible issue in the Plan without having to complete the Assessment Report threats identification. Staff will continue to pursue the Assessment Report route in order to meet current requirements.

5. New Business

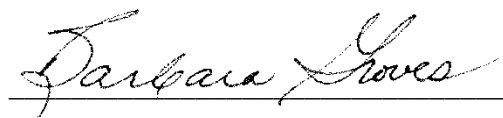
Lucy Emmott requested that at some point in the near future that the Committee could be advised of relevant documents which should be kept as individual files. Lucy notes that the contents of the original source protection committee binders are mostly out of date and it is becoming confusing when reference to documents is given out of context.

Our Ministry of Environment Liaison Neil Gervais has had to extend the period which he will be absent, and confirmed that our acting liaison will be Maeve McHugh. Neil will be out of office from March 1 to April 9, returning to the office on Monday, April 12, 2010.

6. Adjourn

Meeting adjourned at 12:00 p.m.
Motion to adjourn by Lucy Emmott.

Carried.



Barbara Groves, Chair



Sue Miller, Project Manager

Questions arising from MOE Presentation to NBM Source Protection Committee
February 18, 2010 by Neil Gervais

Slide 6

Sue M. questioned the wording “if and where advisable” – what is the difference between those and “optional” policies, and why was it included below the mandatory side of the slide?

Response: If and where advisable means that the committee has heard public comment and deems that a moderate or low threat has merit in being planned for. Thus the committee should recognize those threats and prepare to make policy in the plan.

Ian K.: **Who pays for incentive programs if the SPC directs it?** Ian is concerned that the municipality will not be in favour of being told it needs to be spending money from an external committee. If the SPC chooses to recommend incentive programs, it should be done in consultation with the CAO of whichever municipality.

If the committee wants to put something in, that’s their choice, but it would be binding on the municipality to implement it (enforceable). Not sure about the funding, but the suggestion for consultation is a good one.

Slide 8

- We do have an idea of what our significant threats are, we haven’t pulled together a final listing yet, but the technical studies give a list of threats and can start to investigate management and prohibition strategies.
- Ian reinforces that if a use is prohibited outright and is existing, there must be compensation for the landowner/user.
 - Neil responds that prohibition is the absolute last resort, and existing uses are better managed through risk management planning and other measures.

Slide 10

A member sought clarification on how “public bodies” is defined.

Generally any Agency, Municipality, Ministry or government organization is a public body.

Note made that strategic/incentive policies work well with a limited budget.

Slide 14

Who are the negotiations between?

The Proponent and whoever is assigned as a risk management official, who will likely be a municipal official.

**MINUTES OF THE TWENTY-FIFTH MEETING OF THE NORTH BAY-MATTAWA
SOURCE PROTECTION COMMITTEE
10:00 AM, THURSDAY, MARCH 25, 2010
Held at the NBMCA Boardroom, 15 Janey Ave., North Bay**

1. Administration

a) Meeting called to order @ 10:24 AM by Chair, Barbara Groves.

b) Attendance

| S P C | Staff and Liaisons | Regrets |
|----------------------------|---|---------------------------|
| Barbara Groves, Chair | Sue Miller, Manager DWSP | Lucy Emmott, SPC |
| Ian Kilgour | Rob Pringle, Source Protection Planner | Neil Gervais, MOE Liaison |
| Dennis MacDonald | Francis Gallo, Water Resources Specialist | |
| John MacLachlan | Sue Buckle, Communications Advisor | |
| George Onley | | |
| Maurice Schlosser | Chuck Poltz (NBPSDHU Liaison) | |
| George Stivrins (to 11:30) | | |
| Laurier Therrien | | |
| Roy Warriner | | |

c) Declaration of Pecuniary Interest – None**d) Approval of Agenda**

Dennis MacDonald asked to provide for discussion under item 1.f).

Motion to Approve Agenda as Amended made by Dennis MacDonald, seconded by George Stivrins.

Carried

e) Approval of Minutes of February 18, 2010 SPC Meeting

Motion to Approve Minutes as circulated made by Dennis MacDonald, seconded by John MacLachlan

Carried

f) Acceptance of Record of Trout Creek public consultation: March 11, 2010

Discussion related to report contents rather than the record of events. Comments supported having a public record of the concern of rail corridors within Trout Creek (and past spills) and the need to ground truth the locations of dug wells.

Motion to Approve Record as circulated made by Dennis MacDonald, seconded by John MacLachlan.

Carried

i) Correspondence

The committee was reminded of the correspondence from Ian Smith regarding federal lands. The committee should make policy for all lands regardless of the landowner, but instead focused on the land use activity.

2. Project Manager's Report

a) Public Consultation

Sue was approached by Heather Busch, Councilor for Callander about a conflict of our scheduled Consultation with the Municipality's regular council meeting. The date of our consultation session will need to be revised and would have to fall later in the week, most likely on Thursday.

Public Notices for consultations should also detail the purpose of the Public Meeting, to ensure that members of the public are aware that a meeting held in one community will contain information relating to all 6 systems and their contributing areas.

b) Replacement of Municipal Rep

Laurier Therrien was approved as a member of the committee by the SPA on March 24, representing the Township of Papineau-Cameron. He joined today's meeting.

c) Corridor Threats

The committee expressed concern over the requirements to approve of Technical Studies which do not incorporate the identified Transportation Corridors as Threats. Much conversation has been generated around this issue, and it is not acceptable from the committee's standpoint to ignore the concern and advice of members of the public and working groups to identify these corridors as significant threats to drinking water quality. The transportation representative has consulted with the Ontario Northland Railway and has an understanding with that organization that they are looking forward to working with the Source Protection Committee to develop improved management practices where required.

The committee expressed a desire to support other committees who are pursuing the same threats designations.

Motion:

This committee will have respect to the parameters which have been legislated and regulated for the Assessment Report and Source Protection Plan, but, where in the opinion of the committee, that activities should be identified as threats, the North Bay-Mattawa Source Protection Committee will pursue an appropriate means to have that threat identified within the Assessment Report and Source Protection Plan.

Made by Ian Kilgour, Seconded by Dennis MacDonald.

Carried.

Motion:

That the text of the previous motion be circulated to the Chairs and Committees of each Source Protection Committee.

Made by John MacLachlan, Seconded by George Stivrins.

Carried.

f) Presentation to City of North Bay Council

The committee expressed that communications to the Municipal Councils and Staff need to be strengthened to provide clarity and adequately prepare them for their role in the Plan implementation process. Ian Kilgour recommended that each Council should be given the opportunity to hear directly from the Chair and Project Manager between the posting of the the Draft Assessment Report and the Public Consultation Session. The Project Manager and Planner are following up with those arrangements. The committee members expressed interest in being present at any of these presentations.

Ian Kilgour added comments which were expressed in the consultation session on the draft regulation changes for source protection plans. His concerns were that the municipalities would not be given an effective amount of notice for amendments to plans. The councils must be engaged in the process to promote implementation in their communities.

g) Implications of Microcystin Issue in Callander Bay

Committee sought clarification on the limits of the included area. Sue Miller clarified that the issue identification process includes any source of phosphorous within 120 m of any contributing stream or watercourse (IPZ-3) to Callander Bay. Every potential source of phosphorous is identified, though the phosphorous budget process will provide the ability to remove sources from the significant threats inventory which do not contribute a significant amount of phosphorous. It is also probable that naturally occurring levels of phosphorous in the sediment bed contribute to the phosphorous loading of Callander Bay.

The concern now should be to educate all of the affected land users which are identified, and explain how our next steps will manage the issue.

3. Corridor Threats status update

Francis Gallo provided an update on the work that has been completed on the prescribed process for threats identification so far. He has been able to get a list of substances which are transported along the rail line by Ontario Northland Railway (ONR), but has yet to find any chemicals or pathogens which have a contaminant score of 10 required to pose a significant threat to the intake (vulnerability 8, combined factor needs to be 80 to be significant).

4. Development of Plan Policy

Rob Pringle provided some alternatives for training and participation to the committee to gain an understanding of their desired role in the Policy making process. It was agreed that the committee would benefit greatly from an intense policy training seminar, but that there would be a reliance on staff for the draft work. The training would provide the committee with the ability to effectively analyze the materials which are put before them.

5. New Business

The committee expressed interest in two meetings per month, and include some working lunches to accomplish tasks.

6. Adjourn

Meeting adjourned at 12:30 p.m.

Motion to adjourn by Maurice Schlosser.

Carried.

Barbara Groves, Chair

Sue Miller, Project Manager

**MINUTES OF THE TWENTY-SIXTH MEETING OF THE NORTH BAY-MATTAWA
SOURCE PROTECTION COMMITTEE
9:15 AM, THURSDAY, APRIL 15, 2010
Held at the NBMCA Boardroom, 15 Janey Ave., North Bay**

1. Administration

a) Meeting called to order @ 9:15 AM by Chair, Barbara Groves.

b) Attendance

| S P C | Staff and Liaisons | Regrets |
|------------------------|---|-----------------------|
| Barbara Groves, Chair | Sue Miller, Manager DWSP | Chuck Poltz (NBPSDHU) |
| Lucy Emmott (to 11:15) | Rob Pringle, Source Protection Planner | |
| Ian Kilgour | Francis Gallo, Water Resources Specialist | |
| Dennis MacDonald | Sue Buckle, Communications Advisor | |
| John MacLachlan | Neil Gervais, MOE Liaison | |
| George Onley | | |
| Maurice Schlosser | | |
| George Stivrins | | |
| Laurier Therrien | | |
| Roy Warriner | | |

c) Declaration of Pecuniary Interest – None**d) Approval of Agenda**

Motion to Approve Agenda made by Dennis MacDonald, seconded by George Stivrins. **Carried**

e) Approval of Minutes of February 18, 2010 SPC Meeting

Minor revisions to the minutes were made to reflect omissions of clarification and an unfinished sentence. A revision was done to the Project Manger's report record regarding transportation corridors to better reflect the co-operation intended between the committee and Ontario Northland Railway.

Motion to Approve Minutes as amended made by Ian Kilgour, seconded by Dennis McDonald.

Carried

Maurice Schlosser expressed his concern about the extent of the study area for the phosphorus study (120 m on either side of any water course within the entire watershed). He feels that the upper parts of the watershed are not the source of significant loads. Sue Miller provided clarification that the purpose of studying all areas is to remove or verify those land uses.

f) Correspondence

None.

2. Chair's report to SPC

Committee members expressed that their biggest concern is about feeling rushed through agenda items without appropriate discussion. They feel they are not getting sufficient opportunity to speak and thus some members have fallen silent rather than speaking up. Lucy suggested that discussion items which need further consideration but aren't immediately important should be noted and discussed at a time when there are less pressing issues on the agenda.

3. Communications Strategy and Update

Sue Buckle, Communications Advisor, engaged the committee in a discussion about the past, present and proposed community outreach activities for the Assessment Report process. Sue B pointed out the difference between legislative requirements and the additional consultations that have been run or are planned for the remainder of the process. There were identified shortfalls in the communications program in 2009 due to a staffing change, and this discussion is allowing for improvements to continue.

The presentation identified the purposes of communication, the target audiences, where consultation is occurring, and how the messages are being presented. Some committee comments identified some areas which might require more attention, such as non-print media (radio and television) and opportunities for dialogue to occur in the place of information. George S. identified that businesses within the protection areas need to be kept well informed of the process and how they can be preparing to meet requirements or support the Plan.

One area of concern continues to be the establishment of effective stakeholder communications with the Nipissing First Nation (NFN). Staff should work to engage that community, and investigate resources which would support the continued participation of a representative from the NFN to the SPC.

A suggestion was made that partners and stewards should be recognized for their participation in the work of the SPC. These Certificates could be given as an endorsement to businesses which operate under the policy framework created by the Plan, or go above and beyond the minimum requirements.

Clear and effective communication should be top priority. Some of the suggested strategies include:

- Inclusion of a glossary of terms (especially abbreviations) which are used in each document or in the program
- Clear identification of the Source Protection Committee mandate and Program.
- Emphasizing the work of the SP program in a FAQ section of our website.
- Handouts for the public about other water programs (municipal water delivery/ metering/ treatment, septic, water access, others).
- A timeline posted on the website and presented during consultations that indicates "we are here" in the process

Another “how?” question is how to best reach out to tourists and recreational users of the areas for which we are making policy. Our signs will help spread the message to visitors, especially if they are placed in well travelled points.

4. Project Manager’s Report

Questions arose about the consultation planned for Mattawa Voyageur Days, specifically of the format it would follow. There was clarification that this was an outreach and cross promotion opportunity. The event attracts a large crowd giving us an opportunity to connect with the community which we have had difficulty engaging in the past. We want to be able to capture the public where they are and where we already have space booked to put up displays and engage members of the public.

Neil expressed concern about the timeline as proposed. After explaining our reasoning for the length of consultation on the Draft Assessment Report, he recommended that the Committee make it very clear that they are asking for a long consultation period.

A motion was made that will accompany the letter asking for a deadline extension and reads as follows:

That the AR timeline as proposed by staff at the April 15 SPC meeting be accepted by the SPC based on the rationale that consultation in the summer months requires extended consultation time for the process to be valid; and the Chair is directed to respectfully request an extension based on these timelines.

Made by Ian Kilgour and Seconded by Dennis MacDonald

Carried.

Original signed by:

Barbara Groves

Chair, Source Protection Committee

5. New Business

None.

6. Adjourn

Meeting adjourned at 12:05 p.m.

Motion to adjourn by Maurice Schlosser.

Carried.

Barbara Groves, Chair

Sue Miller, Project Manager

**RECORD OF A MEETING OF THE NORTH BAY-MATTAWA
SOURCE PROTECTION COMMITTEE
4:00 PM, THURSDAY, APRIL 22, 2010**

Held at the President's Boardroom of Nipissing University, 100 College Drive, North Bay

1. Attendance. Meeting Called to Order at 4:14 PM

| S P C | Staff and Liaisons | Regrets |
|-----------------------|--|-------------------------------|
| Barbara Groves, Chair | Sue Miller, Manager DWSP | Ian Kilgour, SPC |
| Lucy Emmott (4:25 PM) | Rob Pringle, Source Protection Planner | George Stivrins, SPC |
| Dennis MacDonald | Sue Buckle, Communications Advisor | Laurier Therrien, SPC |
| John MacLachlan | Neil Gervais, MOE Liaison | Chuck Poltz (NBPSDHU Liaison) |
| George Onley | | |
| Maurice Schlosser | | |
| Roy Warriner | | |

2. Callander Bay Intake Technical Study review discussion

Specific comments of concern:

- George Onley commented that the wording describing the IPZ-2 Boundary "The IPZ-2 boundary is reduced..." George was confused as to the interpretation of the use of "reduced" in the sense that the boundary over land differs from the over-water calculations.
- Information gaps (section 9) need to be worded effectively – so that the public might know how the gaps will be filled with future work.
- Use of the word "Concern" and bold text – those areas of the report will be the focus in the eyes of the public. Especially in Section 7.1 "lack of long-term raw water quality data precludes a confident assessment of general water quality conditions and identification of potential changes in raw water quality over time"
 - o This sampling data should be publicly available. Need to identify the data gap and a resolution quickly.
- Neil wanted to confirm Callander's participation in the Ontario Drinking Water Stewardship Program. He suggested contacting Cam Adams, MOE inspector (completed, confirmed)
- Agricultural identification: still old data being used, therefore the mapping needs to be marked as such, and work to update as much data as possible.
- Other mapping issues for the phosphorous contribution: Barb notes some areas which were not included: a golf course and trailer parks.
- Wildlife – if agriculture is being addressed, why are we not considering production of waste of wild creatures, which are more likely to be within the water courses?

Related comments (doesn't affect the report):

- What is the impact of a lower water level in the Bay on the total fecal coliform count once the lagoons are released? Could this year be a concern?

3. Comments from MOE - Neil

Neil's comments related to timelines. In his conversations in the past week, he discovered that there are a number of other extensions being requested, and none of them have any requests for extended consultation. He wants the committee to understand that getting the extra time for consultation may not happen.

Identified data gaps should be accompanied by a work plan showing how those data gaps will be analyzed. This work plan should be included in the Assessment Report and the resulting work be incorporated in an update to the Assessment Report in 2011.

Neil suggested MOE pre-screen the Assessment Report before submission however this may not be feasible due to timelines.

4. Adjourn

Meeting adjourned at 5:35 p.m.

A business dinner was held after the meeting. The meeting was followed by the event "Walkerton – From Infamy to Excellence: The Cost of Getting it Wrong" which ran from 7 PM to 9 PM.

Barbara Groves, Chair

Sue Miller, Project Manager

**RECORD OF A MEETING OF THE NORTH BAY-MATTAWA
SOURCE PROTECTION COMMITTEE
AND PRESENTATION TO THE PUBLIC FOR THE CALLANDER AREA
7:00 PM, THURSDAY, MAY 06, 2010
Held at the Callander Community Centre, 1984 Swale St. Callander, ON**

1. Administration

a) Meeting called to order @ 7:05 PM by Chair, Barbara Groves.

b) Attendance – No Quorum. Abandoned agenda items requiring quorum.

| S P C | Staff and Liaisons | Regrets |
|--|---|------------------------|
| Barbara Groves, Chair | Sue Miller, Manager DWSP | |
| Dennis MacDonald | Rob Pringle, Source Protection Planner | Ian Kilgour (SPC) |
| John MacLachlan | Francis Gallo, Water Resources Specialist | |
| George Onley | Sue Buckle, Communications Advisor | Absent |
| Maurice Schlosser | Scott Higgins, GIS Specialist | Lucy Emmott (SPC) |
| George Stivrins | Neil Gervais, MOE Liaison | Laurier Therrien (SPC) |
| Roy Warriner | Chuck Poltz, NBPSDHU | |
| | Tammy Karst-Riddoch, Hutchinson E.S.L. | |
| 35 Members of the Public, including staff & council of the municipality, and reps from local groups. | | |

c) Introductions

Barb Groves welcomed the committee and members of public to the presentation.

Sue Miller provided a quick summary of the process which occurred since May 2009 towards the revision of the Callander study (intake location and microcystin issue), then introduced Tammy Karst-Riddoch of Hutchinson Environmental Sciences Ltd, who is the consultant on the project.

2. Callander Technical Study Revisions and Updates – Tammy Karst-Riddoch

Tammy presented the findings of the revised technical study, which include modifications based on changes in technical guidance, verification of the system intake location, and the introduction of a recognized issue based on changes to legislative interpretation.

It was necessary to revise mapping for the intake protection zones 1 and 2 based on the changed location of the intake. Members of the public must be aware that the area on-land which is now covered by these zones has changed significantly since the report was released in May 2009. Changes in the technical guidance also added or modified threat circumstances, which changes some of the final listing of potential significant threats.

Based on a change of interpretation of the *Clean Water Act* and *Regulations*, it was decided that an existing “drinking water issue” could be identified by having a measured concentration of an algae taxae

which has the potential to produce the harmful Microcystin toxin. Previously, measured concentration of the toxin itself would have been required, which is difficult because of the unpredictability of its production. Factors contributing to the production of this type of algae include phosphorous (combined with light, temperature, stratification/mixing, and other nutrient loading). The issue approach identifies all sources of chemical contamination as Significant Threats in the Issue Contributing Area. The Issue Contributing Area for the Microcystin issue is 120 m on either side of the contributing watershed, which is coincident with the entire IPZ-3.

This has added a large number of threats to the final report, however as the process moves towards the completed Assessment Report, there will be a Phosphorous Budget completed to identify all areas of Phosphorous contribution in the Issue Contributing Area. This will identify what proportion of the phosphorous is originating from human sources, and the location and composition of natural or sediment phosphorous loads in the watershed. This will include extensive research and field study.

A slide deck of the presentation slides are attached to this meeting record.

3. Questions from the audience.

A record of questions and answers is attached to this meeting record.

4. Adjourn

Meeting adjourned at 8:25 p.m.

Barbara Groves, Chair

Sue Miller, Project Manager

**Comment Record for Public Consultation Session
Callander Municipal Technical Study
Thursday, May 06, 2010 – Callander Community Centre**

Q. What other impacts are covered in the Phosphorous Budget? Does it count natural sources?

A. Yes, natural sources are incorporated in the Budget. It is relatable to balancing a chequebook, all transactions are accounted for. In a Phosphorous Budget, transactions include atmospheric, sediment, and human sources. There are models developed for calculating the natural phosphorous contributions.

The budge will attempt to determine what levels of phosphorous should be occurring naturally, and how much is being contributed from human impacts. This will include some analysis of past human impacts.

Q. 2009 was not a typical year for the Callander Bay algae bloom, do we know why?

A. There was also a non-typical weather year. A warm spring led to lots of overland runoff. Weather conditions in early June, including high wind events, created ideal conditions for algae growth earlier than normal.

Q. What about this season. We saw lower precipitation overall, does that mean we'll have a completely different growth year?

A. Either extreme – high runoff or low runoff – could cause significant algae blooms. If the water levels are lower this year, it increases the likelihood of overall increased concentrations of phosphorous and algae. Again, conditions may change still – it is impossible to predict what will happen exactly.

Q. What is the significance of the ratio of phosphorous to nitrogen which was mentioned in the presentation?

A. Blue Green Algae can fix nitrogen from the air which is then used for the growth of the bloom. Low nitrogen concentrations (ratio compared to phosphorous) do not necessarily mean that the cyanobacteria will not grow, because even at low nitrogen loads, atmospheric nitrogen can be used. This is one of the reasons it is more important to focus on the Phosphorous loads.

Q. The study is taking this special case of 2009's conditions for granted, but residents have seen a trend over a five year period. Why is this just now becoming an issue?

A. This study is being done because there is a mandate now to complete the work. Last year was a special case. It wasn't an unlikely event, but it was a significant occurrence for Callander. It should be noted that there will always be a community of Blue Green Algae in Callander Bay, but the conditions will restrict or promote growth, and those conditions will always be in flux.

Q. What is the intention of this study? Will there be a plan for remediation?

A. The goal is to manage the human impacts related to phosphorous loading. This is a complex issue, but the project team includes one of the top experts on phosphorous budgets. The study aims to find out how the Bay works – what are the patterns that cause the growth of the blooms. We know the bloom has been more apparent in the last 5 years, and we know it can get worse because of human activity, but it will not just go away, even if we cut all phosphorous inputs form human sources.

Q. Last year was the first time that there was a noticeable taste and odor issue. Why it just now, and is there a way to fix it?

A. Odor issues are normally a result of biomass decay – so when there are larger blooms, there is more biomass that will decay. There is also increased production of chemicals, which give off an odor and can produce a poor taste.

Q. How detrimental to health is the odor?

A. Health issues are a result of the neurological and liver toxins which are produced from certain types of the algae. So far there have not been any recorded levels of toxins that would be hazardous to human health. The odor is not necessarily indicative of a health risk; it is more of an inconvenience. Exposure to the algae can produce skin irritation.

Q. What is the timeline to solutions? To the residents this is urgent!

A. This has been an ongoing issue since the mid-1950s. Scientists are still attempting to figure out what changes are happening. A lot of good work has been done to decrease phosphorous usage, especially in fertilizers and detergents, but remediation takes time.

Q. What is the plan?

A. We don't have a plan yet. We need to understand more of the science and conditions, and then set out policy. *It was noted afterwards that the question was directed at immediate remediation plans, rather than source water protection. Follow up was done with the individual after the presentation to clarify the scope of the Phosphorous Budget and Source Protection Plan. Additionally, members of the Callander Sustainable Communities Committee were on hand and advertised events which are designed to slow the human loads.

Callander Drinking Water Source Protection Technical Studies Update

Public Consultation

May 6, 2010

Hutchinson
Environmental Sciences Ltd.



Technical Updates -Why?

1. Newly confirmed location of the intake
 - 300 m away from expected location
2. Amendments to the Ministry guidelines
 - Technical Rules: Assessment Report (November 2009)
3. New guidance regarding bluegreen algae
 - microcystin as a drinking water issue





Intake Characterization

Intake – Type ‘D’

- in Callander Bay of Lake Nipissing
- depth of ~8 m
- ~ 1 km from shore

Water Treatment Plant

- capacity of 3,000 m³/day
- mean daily water takings of 400 m³ (maximum = 844 m³/day)
- filtration, coagulation, sedimentation and disinfection by chlorination
- 1 to 2 hours shut down time

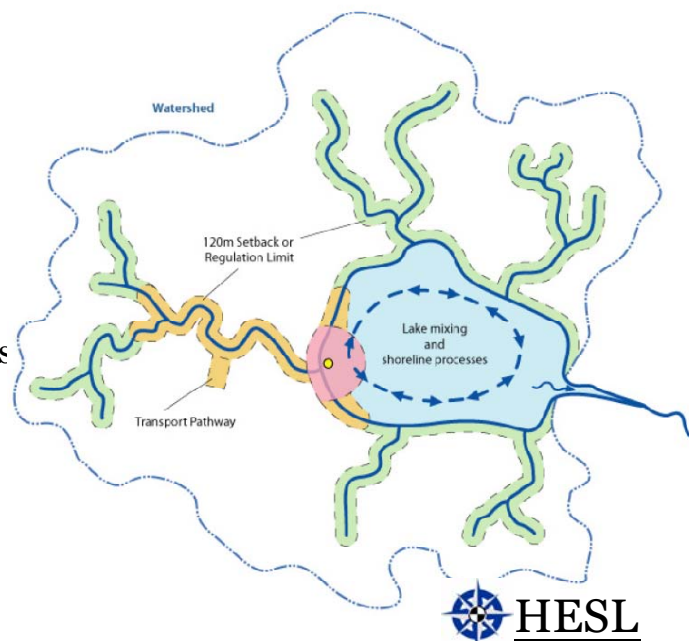
Water Storage

- 1 reservoir, 2,272 m³ capacity
- ~6 days of supply at low demand, 3 days at maximum demand



Vulnerable Area Intake Protection Zones (IPZs)

- **IPZ-1** – area of surface water within a 1-km radius of the intake and 120-m setback where this area abuts land
- **IPZ-2** – 2-hr time of travel, extended to include transport pathways
- **IPZ-3** – area of surface waters that contribute water to the intake and 120-m setback where this area abuts land



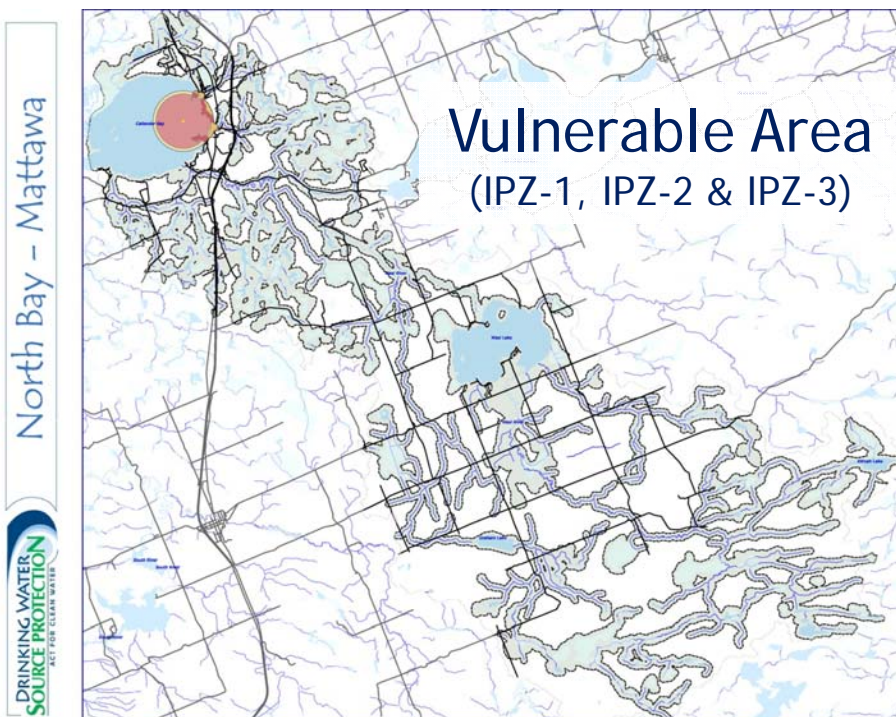
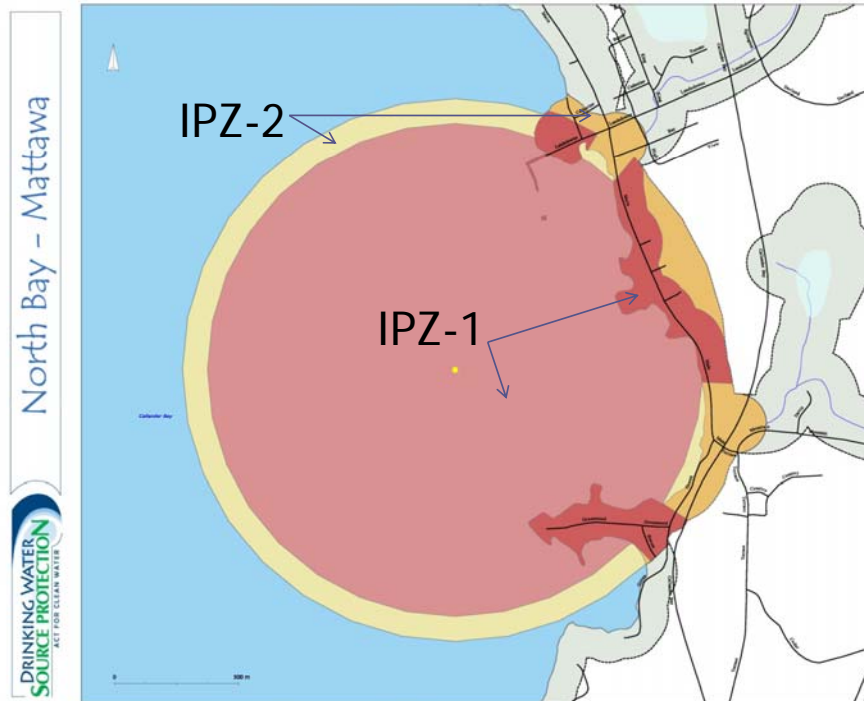


FIGURE 12
Municipality of Callander Intake
Intake Protection Zone
Three (IPZ 3)
DRAFT



| Color | Description |
|--------|------------------------|
| Blue | Water |
| Green | Water |
| Yellow | Intake Protection Zone |
| Red | Callander Intake |
| Orange | IPZ-1 |
| Yellow | IPZ-2 |
| Red | IPZ-3 |
| Blue | IPZ-3 Water |

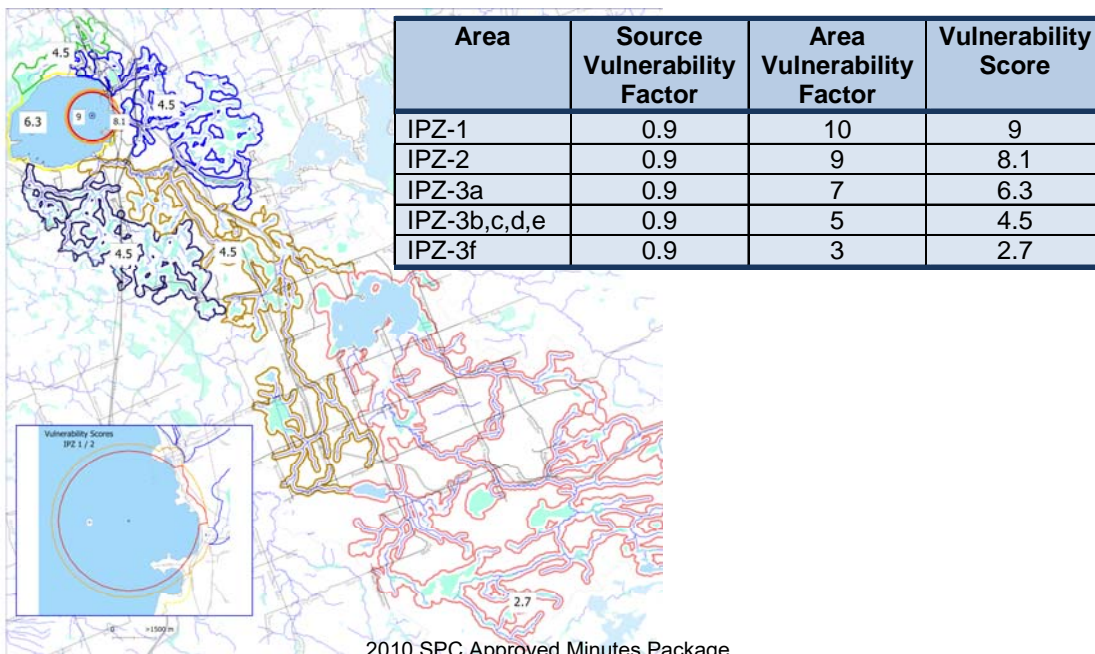
Map produced by:
GIS/Chia Specialist
North Bay Mattawa Conservation Authority
15 Jersey Avenue, North Bay ON P1C 1N1
(705) 473-9420
Data supplied under License by Members
of the Ontario Geospatial Data Exchange.
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Map Projection: NAD83 UTM Zone 17N

Vulnerability (Vs) Scoring

Vs = source vulnerability X area vulnerability

- Source vulnerability
 - Depth of the intake
 - Distance of the intake from land
 - History of drinking water concerns
- Area Vulnerability
 - % land area
 - Soils, slope, land cover, permeability
 - Transport pathways
 - Distance from the intake (IPZ-3)

Vulnerability Scores



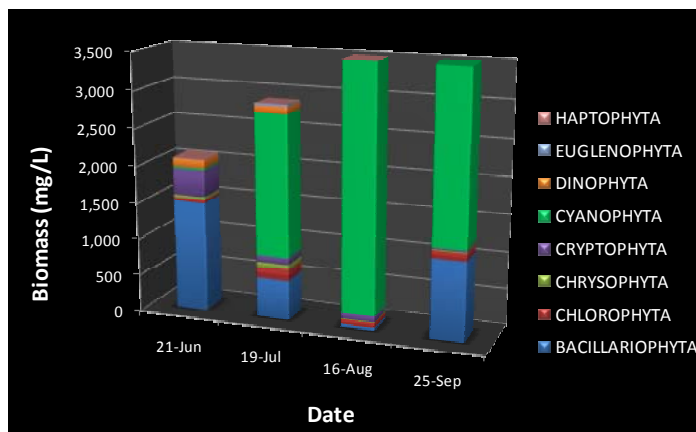
Drinking Water Issues

- **Concentration** of a chemical or pathogen in the drinking water source that has exceeded the DWQS, or that is trending upward such that it may exceed the DWQS (Rule 114)

| Issue | Water Source |
|------------------|-----------------|
| Turbidity | Treated and Raw |
| Aluminum | Raw |
| Colour | Raw |
| Organic Nitrogen | Raw |
| <i>E. coli</i> | Raw |
| Microcystin | Raw |

- All identified issues are considered 'natural' except microcystin

Cyanobacteria and Microcystin as a Drinking Water Issue



- Production of toxin is variable and difficult to monitor
- Risk of toxin production is related to the biomass of toxin producing cyanobacteria

Issue Rationale

- New MOE guidance
- There are documented blooms of cyanobacteria
- Blooms are dominated by toxin-producing taxa

Factors Controlling Cyanobacteria Production

Both natural and human causes:

- Light
- Water temperature
- Mixing patterns
- Nutrient concentrations
 - **Phosphorus**
 - Ratio of phosphorus to nitrogen

Sources of phosphorus

- Atmosphere
- Natural watershed
- Human sources
 - sewage, agriculture, detergents



Microcystin - Implications for Source Protection

- Microcystin listed as a drinking water issue (Rule 114)
- Human inputs of phosphorus contribute to cyanobacteria production, hence the risk of microcystin production
 - Issue Contributing Area (ICA; Rule 115) = Vulnerable Area (IPZs)*
- **Activities** in the ICA that contribute phosphorus to Callander Bay are **significant** drinking water threats

Preliminary Issue Contributing Area

Drinking Water Threats

- **Activities** or **conditions** that result in the degradation of water quality for use as a source of drinking water
- **Conditions** result from past activities
- Activities are prescribed under O. Reg. 287/07

Activities Prescribed as Drinking Water Threats (O. Reg. 287/07)

1. establishment, operation or maintenance of a **waste disposal** site
2. collection, storage, transmission, treatment or disposal of **sewage**
3. application of **agricultural source material** to land
4. storage of **agricultural source material**
5. management of **agricultural source material**
6. application of **non-agricultural source material** to land
7. handling and storage of **non-agricultural source material**
8. application of **commercial fertilizer** to land
9. handling and storage of **commercial fertilizer**
10. application of **pesticide** to land
11. handling and storage of **pesticide**
12. application of **road salt**
13. handling and storage of **road salt**
14. storage of **snow**
15. handling and storage of **fuel**
16. handling and storage of a **dense non-aqueous phase liquid**
17. handling and storage of an **organic solvent**
18. management of runoff that contains **chemicals used in the de-icing of aircraft**
19. **livestock** grazing or pasturing land, outdoor confinement area or farm-animal yard

Significant, Moderate and Low Threats

- **Threats Approach**
 - Depends on the vulnerability and circumstances surrounding the threat (activity)
- **Issues Approach**
 - Activities that contribute to a drinking water issue are Significant threats
- **2 tasks:**
 - **LIST** significant, moderate and low threats whether they presently exist or not
 - **ENUMERATE** significant threats that presently exist

of Significant, Moderate and Low Threats

- Based on the **threats approach**:

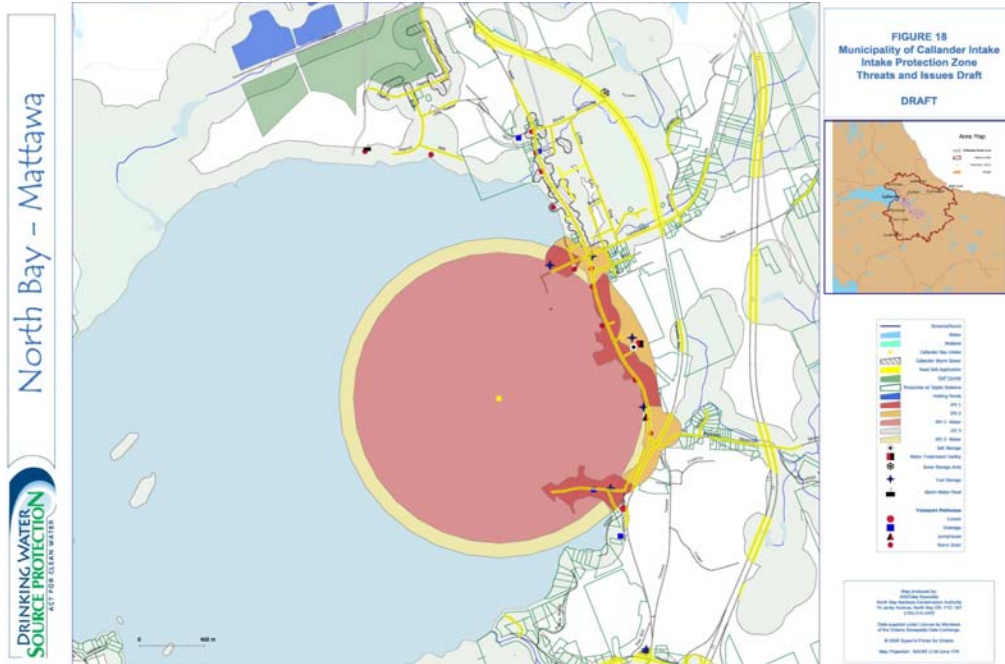
| Vulnerable Area | Vulnerability Score | Chemical Threats | | | Pathogen Threats | | |
|-----------------|---------------------|------------------|-----|-------|------------------|-----|-----|
| | | S | M | L | S | M | L |
| IPZ-1 | 9 | 239 | 967 | 646 | 41 | 27 | 4 |
| IPZ-2 | 8.1 | 14 | 834 | 898 | 40 | 13 | 19 |
| IPZ-3a | 6.3 | n/a | 40 | 1,282 | n/a | 40 | 28 |
| IPZ-3b-e | 4.5 | n/a | n/a | 239 | n/a | n/a | 41 |
| IPZ-3f | 2.7 | n/a | n/a | n/a | n/a | n/a | n/a |

- Based on the **issues approach**: 99 significant threats

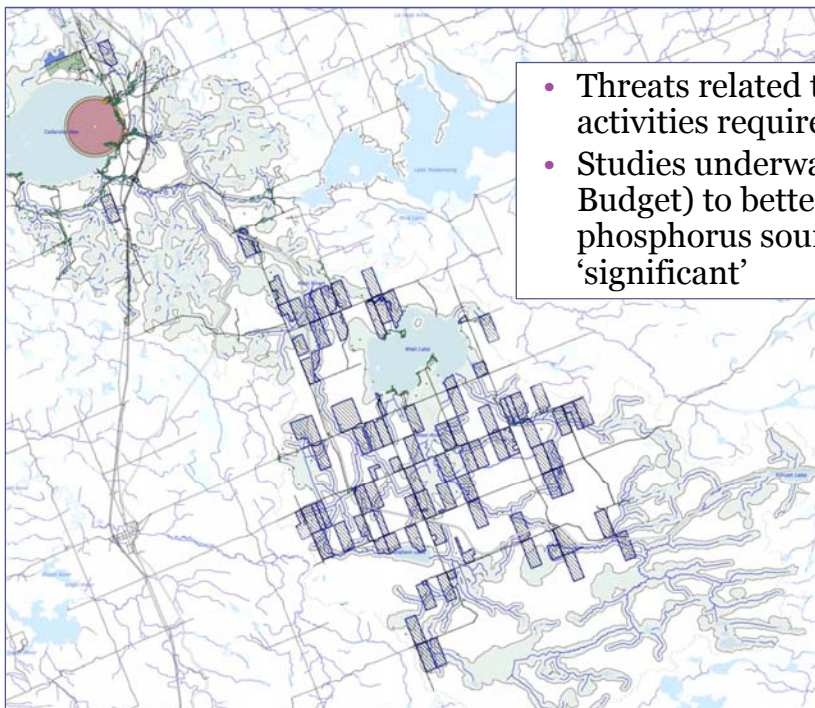
Significant Threats - Phosphorus

| Activity | # of Significant Threats |
|---|--------------------------|
| The application of agricultural source material to land. | 9 |
| The application of commercial fertilizer to land. | 9 |
| The application of non-agricultural source material to land. | 9 |
| The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage. | 27 |
| The establishment, operation or maintenance of a waste disposal site. | 7 |
| The handling and storage of commercial fertilizer. | 8 |
| The handling and storage of non-agricultural source material. | 12 |
| The storage of agricultural source material. | 12 |
| The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard. | 6 |
| Total | 99 |

Existing Drinking Water Threats



Existing Significant Threats - Phosphorus



- Threats related to agricultural activities require site verification
- Studies underway (Phosphorus Budget) to better evaluate phosphorus sources that are 'significant'

Ongoing Activities

- Callander Bay Phosphorus Budget
 - To determine the contribution of phosphorus from all sources to Callander Bay
 - Evaluate threats
 - Refine 'Issue Contributing Area'
 - Recommend effective management strategies
- Wasi Lake Paleolimnology Study
 - To reconstruct post-settlement history of phosphorus concentrations



Thank You

Questions?

**MINUTES OF THE TWENTY-SEVENTH MEETING OF THE NORTH BAY-MATTAWA
SOURCE PROTECTION COMMITTEE
9:15 AM, TUESDAY, JUNE 15, 2010
Held at the NBMCA Boardroom, 15 Janey Ave., North Bay**

1. Administration

a) Meeting called to order @ 9:15 AM by Chair, Barbara Groves.

b) Attendance

| S P C | Staff and Liaisons | Regrets |
|------------------------|---|------------------------|
| Barbara Groves, Chair | Sue Miller, Manager DWSP | Chuck Poltz (NBPSDHU) |
| Lucy Emmott (to 1:00) | Rob Pringle, Source Protection Planner | |
| Ian Kilgour (to 12:50) | Francis Gallo, Water Resources Specialist | Absent |
| Dennis MacDonald | Sue Buckle, Communications Advisor | Laurier Therrien (SPC) |
| John MacLachlan | Neil Gervais, MOE Liaison | |
| George Onley | | |
| Maurice Schlosser | | |
| George Stivrins | | |
| Roy Warriner | | |

c) Declaration of Pecuniary Interest – None**d) Approval of Agenda**

Motion to Approve Agenda made by Lucy Emmott, seconded by Dennis MacDonald. **Carried**

e) Approval of Minutes of April 15, 2010 SPC Meeting

Minor revisions to the minutes were made to reflect an unfinished sentence as a result of formatting changes.

Motion to Approve Minutes as amended made by Maurice Schlosser, seconded by Roy Warriner.

Carried**f) Approval of Record of April 22, 2010 SPC Meeting**

Motion to Approve the Record made by Lucy Emmott, seconded by George Onley. **Carried**

g) Approval of Record of May 06, 2010 SPC Meeting

Barb requested that regrets without notice be made apparent, are now categorized as “absent.”

Motion to Approve the Record as amended made by Dennis MacDonald, seconded by John MacLachlan.

Carried**h) Correspondence**

a) Letter from Ian Smith regarding request for second extension. Explained the steps that needed to be completed before the Director would make a decision on our request.

b) Letter from Barbara Groves to Ian Smith regarding the tasks to be completed and our willingness to work with Ministry staff to complete those objectives.

2. Review of Draft Assessment Report

Sue Miller, Project Manager provided opening remarks with regards to the process of creating the internal draft for the committee to review. Those remarks are attached to these minutes. It should be noted here that the pre-screening activity of the Ministry identified a number of areas requiring additional data, and those comments will be analyzed concurrently with the committee's review comments. Many thanks were offered to Ministry review staff for a quick turnaround on comments, and also from MOE staff to the CA staff for their ability to put together a draft for pre-screening.

Line by line comments are appended to these minutes. Discussions arising from the review which resulted in decisions by the committee are noted in the main minutes.

Dennis MacDonald expressed some concern over the wording of section 6.6.3 which speaks to the local threat identification of transportation corridors (highways and railways). He felt that the wording was critical of the transportation industry, and requested that some discussion happen after the meeting to put forward a more co-operative tone. Sue Miller noted that there was also a need to remove reference to future mitigation, as that does not fall within the scope of the assessment report. Dennis will consult with staff and the committee after the meeting.

Barbara Groves, Chair, questioned staff as to the status of a concern that was raised at meetings earlier in the year. It has been noted that septic pump-out services may occur from a barge on Trout Lake, and that operators may choose to travel through Delaney Bay in order to access boat launches. If this is the case, there is a risk of spill either in the pumping activity or due to accidents. Is there any way to identify this threat?

Staff members have not yet developed a strategy for this threat. The MOE Liaison suggested that it may be possible to consider the concern under the current local threat application which staff members are developing for Ministry review.

Motion:

The committee directs staff to proceed with the identification of a septage pump-out barge either as a prescribed threat (based on a definition of 'transmit') or failing that, appending the threat to the local threats request which is currently being created for director approval with guidance from our Ministry liaison.

Made by Ian Kilgour, seconded by Lucy Emmott.

Carried.

3. New Business

Concerning the need to maintain quorum for Committee meetings, there was some discussion about the need to re-engage the Nipissing First Nation to have an active representative on the committee. Neil Gervais is willing to work with the Band to give guidance with regards to the Capacity Funding which is

available from the Ministry to promote First Nations involvement/studies. Staff will follow up on this matter.

4. Adjourn

Meeting adjourned at 2:25 p.m.

Motion to adjourn by John MacLachlan.

Carried.

Barbara Groves, Chair

Sue Miller, Project Manager

PM Overview and Intro to Review of Internal Draft AR

Staff would like to thank the committee for their patience working with unnumbered tables and maps in this version of the draft AR. It was quite a rush to get the document to the MOE Technical Team for pre-screening. The turnaround time on MOE's part was really quite amazing and the meeting held with the reviewers was extremely productive. That was last Friday and we are expecting their written comments on Thursday. Overall, MOE staff feel we are on the right track and are confident in our ability to complete the draft for posting in a reasonable time. The hydrogeologist expressed his feelings that the document included one of the best jobs he has seen in converting the groundwater technical studies to plain language.

We will be submitting a revised workplan and schedule to MOE on Friday so that they can decide on a final submission date to MOE of the Proposed AR. Once submitted, MOE will be reviewing it for compliance. The role of the Committee at this time is to gain an adequate understanding of the Draft AR to be confident that it will be suitable to present to the public for consultation and that it will meet the Committee's needs going forward into the planning phase..

MOE verified that our approach of focussing on the areas pertinent to plan development – I.e. the municipal technical studies was appropriate. So, most of the remaining sections will be shortened considerably from the January draft.

With respect to the level of technical jargon used, it is essential that the document includes all pertinent details so that the science is defensible and our process can be verified by anyone seriously interested in doing so. That often requires referencing the specific Rules that were followed in arriving at decisions and makes for a fairly technical document. In fact one of the reviewers is requesting additional detail in a couple of sections. However we are still striving to make the process and findings understandable to non-technical readers as much as possible.

Today, we plan to go through the surface water studies one at a time followed by the groundwater studies. All of the municipal sections still require the topic of managed lands to be covered, and most still require the water quantity section. However, the water budget process concluded that the water supplies were adequate to meet demand now and through to 25 years in the future based on current population projections – so those sections will not be particularly long. Still we expect it will require staff several more weeks to complete the document with editing and final formatting for posting.

The Source Protection Authority is meeting next Wednesday, and we will be providing them with a short summary of the report and its findings.

Order –

1. Callander
2. North Bay
3. South River
4. Mattawa
5. Powassan
6. Trout Creek

Tuesday, June 15, 2010 SPC Internal Draft AR Review Notes.

| | | | |
|-----------------------|--------------------|------------------------|----------------------|
| Barbara Groves (BG) | Sue Miller (SM) | John MacLachlan (JM) | Neil Gervais (NG) |
| Lucy Emmott (LE) | Rob Pringle (RP) | George Onley (GO) | George Stivrins (GS) |
| Ian Kilgour (IK) | Francis Gallo (FG) | Maurice Schlosser (MS) | Roy Warriner (RW) |
| Dennis MacDonald (DM) | Sue Buckle (SB) | | |

General Comments:

DM: Question for MOE – does the number of data gaps we have in our report concern the MOE. Are they on track with other Draft ARs which have been reviewed, or is this a geographic issue (less data available in the north)?

NG: Approximately 7 pre-screens have been done, isn't part of the review process except as our liaison, so isn't aware of how the other reviews went. Neil made sure that we identify differences between data gaps and future work.

LE: Appreciates that the comments from the committee in January were incorporated regarding the layout of the document into systems. She feels it was much more readable.

LE: For the Source Quality sections, there should be some mention of the water treatment facility. There is at least one section that does mention the system characteristics, but it would help to explain to the reader the next step to the protection process.

LE: Could the tables used throughout the report be sorted based on a significant field? It is easier to understand tabular data when there is some sort of easily identifiable key value.

DM: Is there any value to the equations in the characterization section (water budget)? This section is overly complex and confusing for the general reader.

DM: Climate change section is missing references, scientific background, and does not have a strong focus on source water issues (divergence to broad statements about wildlife, tourism, economy, etc). Should be changed to reflect key issues.

SM: This was taken from the consultant's Executive Summary of a Climate Change Report – it should be tightened up and the references should be added. This will be addressed before the draft posting.

GS: Suggestion to clarify scope of climate change, make it more practical. George has recently heard a MTO staff/consultant speak on the requirements for culvert sizing based on predictions of increased precipitation – these kinds of considerations are what should be a part of a climate change section for the AR.

DM: Concern over the wording of Section 6.6.3 (North Bay, transportation corridors information). More detail regarding next steps in the minutes of this meeting. (PAGE: 2)

GO: Lots of technical jargon – ie. Page 79 – committed demand surcharge. Suggest keeping to plain language – ie “no intent by municipality to expand the water takings/treatment facilities.”

Callander:

This is the most complicated due to the issues based approach. It is another pilot in the province.

GS: p. 52 Peer review statement is poorly worded. Need to explain the process for which review was completed.

SM: There was review completed, just not similar to the Water Budget sections.

IK: Need to remember that staff at Hutchinson/AECOM/GLL are highly technical experts, and in many cases industry leaders.

DM: p. 54 (4th prgh): Factors affecting Phosphorous levels – contradicting page 42 which mentions there is no conditions.

SM: Clarify that Ontario Drinking Water Standards are set for treated water, not raw water, thus the sediment is not a condition – though there may be more concern or a condition identified as a result of the phosphorous budget.

GO: Appreciates the detail of section 4.3 to explain the history of a phosphorous issue within the Callander Bay subwatershed/Wasi River system. Especially vital for the public to understand is the natural occurring load that existed prior to human development.

LE: Adds that there is no ‘finger-pointing’ with regards to the sources of Phosphorous – explanation of the whole potential contribution factors.

JM: p.54. The paragraph starting “Operation of the dam...” – should make it clear, apart from the previous paragraph, that this references the Portage Dam.

DM: p. 55 Sediment Characterization section: wording choice “presences of contaminants.” Dennis finds that this would conflict with “conditions.”

SM: Rule 68 v 70 – two ways of delineating IPZ-3, one of which (70) needs director approval, and we did it without director approval. Do we need storm event modeling (for rule 68)? Application should be put in to the Director and if the decision isn't made in time, it can be appended to the report during the consultation phase.

Discussion: Callander Bay sediment/e-coli/microcystin issues – relates mostly to the work of the phosphorous budget in identifying loads, contributions, steps that have been taken or could be enacted. Sue M. will follow up with concerns to the Ministry.

P. 62 – a number of minor formatting and duplication errors were noted (spacing, word repetition, “at distance”).

P.63 – clarify the number of issues in Table 4 (six in table on 64, seven mentioned in page 63 text).

P. 64 – Wording of Microcystin LR “primarily a result of natural causes” – the ‘primarily’ is ambiguous, as is the ‘natural causes.’

IK: No measurement of Microcystin in treated water – is that a result of not being able to test or that it wasn't detected?

SM: Wasn't measured, though it will be tested for in 2010 thanks to the Drinking Water Surveillance Program.

p.67 – Reminder to remove names, should identify corporations and positions within an organization.

p. 72 – wording of ‘potential’ and ‘possible’ significant threats is confusing.

p. 76 – Define what is meant by “natural watershed loads” – does this include wildlife contributions.

City of North Bay

GO: Peer review comment, same as in Callander section

87: Clarify details of the Water Treatment Plant – when it is expected to be online. LE: appreciates detail in this section, would like similar information for each system.

GO: p.88 – What is the significance of the two-hour response time for IPZ-2?

SM: Represents adequate shut down/response time based on time it would take for current to flow two-hours – that is inside of the IPZ-1, so there is no IPZ-2 for North Bay's intake. More rationale needs to be provided to support this text per the technical requirements.

BG: Septic pump-out barge active (potentially) within IPZ-1 – where do we stand on that issue?

NG: Suggests inclusion in the request currently being developed for MOE with regards to transportation corridors. Would require Francis to amend the application, which Neil is already helping with.

DM: Where do we draw the line on similar systems – fuel barges would be similar, right? The protection should be the transfer (system to barge, barge to truck) and those activities within the IPZ-1, not the transportation across the IPZ-1, since they are different activities.

SM: Consider the language of the threats (from the 21 prescribed threats – does this count under the current language? (Ie, transmit – does that include transportation across water, or is it more descriptive of sewage pipes).

NG: Using the local threat approach is more appropriate.

IK: Supports (noted in minutes) that staff investigate adding the transportation of sewage through the IPZ-1 as a significant local threat through the MOE's application process.

IK p.89: Suggest add sewershed as a glossary item, make note that stormwater is no longer transmitted through "stormsewers", but rather "stormwater systems" – to remove the "stink" from the former term.

6.6.2 – someone suggested that emphasis be placed on summary statements such as "no known conditions" or there should be a short summary in each section.

DM: 6.6.3 – Dennis again commented on the statement regarding the transportation corridors, especially the history of actions. He wanted to ensure that "finger pointing" was avoided in the wording. Follow up was completed offline by email correspondence between committee members and staff.

- The Plan will identify ongoing efforts, but the Assessment Report cannot make any suggestions about mitigation.

South River

LE: p.110 – Is the Generating Station mentioned online yet? JM: Testing is underway, not yet online.

JM: The community will be pleased with our footnote explaining the naming of the reservoir, it has been a contentious issue for the locals in other reports and activities.

LE: p.111 – There is still ambiguity in the reporting of negative values in the text – difficult to interpret what those results mean.

SM: Will follow up, try to make it clear that those values sometimes mean there were reports below the detection limits for the testing centre.

p. 116 – “if sufficient data existed...” This paragraph is poorly structured, but the main point is that the data that would help us most in analysis is not available.

p.117 Make recommendation (minutes) that as the municipality is able to afford it, they should be sampling the raw water.

p.118 use of name (Mr. Thornborrow).

p. 122 8.6.2 E. Coli is not considered an issue because we can't say that a potential future risk is an issue. (Qualify that ODWQS is for treated water).

IPZ-1 – Wetlands issue – are they a part of the water system and hydrologically connected

Mattawa

BG: p.78 - Direction of flow/outlet of Mattawa River clarification for statement of location of wells.

BG: p.79 – Will clarify with the Municipality on the status of Well 3 and recommend that the well be decommissioned unless it is a reserve well.

DM: p.81. 5.4.3 What does this uncertainty mean? Abandoned wells, septics don't change the vulnerability, but is this also low uncertainty because we don't know if those are done properly (decommissioning)?

DM: Are people still on septics and thinking they are on city services?

Recommendation (minutes) that Mattawa do more follow up/investigations to determine who is actually on their services.

83 – Table 5 should reference Mattawa only (repeat comment in the Powassan section for the same table)

Powassan

Table 7-1 – Steel casing diameter measurement – should be 6 ¼ not 16 ¼

p. 99 – reference again to committed demand surcharge – plain language required

p.102 – What would happen if there was a breach of the lagoons? Would that impact the wells even if the well is not GUDI?

SM: Not likely to flow in the direction of the wells, and we've ruled out GUDI influences.

p.102 – Highway boreholes were noted by MOE/MTO to likely be drilled under the roadbed, and at a shallow depth comparative to the aquifer – therefore would be less likely to be considered transport pathways, would be less vulnerability.

JM: P103 – is there consideration given of the potential for a snow dump behind the OPP office, which is in a medium susceptibility zone, to contribute over a long term to the amount of sodium present in the water quality tests?

p.107 “are two” is correct in reference to the number of septic systems within WHPA-A. We will address this in the SP Plan by stating that the aquitard is an adequate measure to reduce the significance of the threat.

Trout Creek

SM: Comments from MOE directed using a WHPA-A/B, not using a C/D. Will create a supplement describing the approach used initially by the consultant. Different Rules apply to the Well Cluster.

p.133. “linen” should be “line”

Committee recommends that more information be requested from the public/municipality with regards to the type of well on each property – figure out who is on dug wells, and suggest to these people that they drill into the deep aquifer (same for shallow aquifer).

**MINUTES OF THE TWENTY-EIGHTH MEETING OF THE NORTH BAY-MATTAWA
SOURCE PROTECTION COMMITTEE
9:15 AM, TUESDAY, JULY 20, 2010
Held at the NBMCA Boardroom, 15 Janey Ave., North Bay**

1. Administration

a) Meeting called to order @ 9:16 AM by Chair, Barbara Groves.

b) Attendance

| S P C | Staff and Liaisons | Regrets |
|---------------------------------|---|-------------------|
| Barbara Groves, Chair | Sue Miller, Manager DWSP | |
| Lucy Emmott (to 12 pm) | Rob Pringle, Source Protection Planner | Ian Kilgour (SPC) |
| Steve Macarthur for IK (to 1pm) | Francis Gallo, Water Resources Specialist | |
| Dennis MacDonald | Sue Buckle, Communications Advisor | |
| John MacLachlan | Neil Gervais, MOE Liaison | |
| George Onley | Chuck Poltz (NBPSDHU) (from 10 am to 12 pm) | |
| Maurice Schlosser | | |
| George Stivrins | | |
| Roy Warriner | | |

c) Declaration of Pecuniary Interest – None

d) Approval of Agenda

Motion to Approve Agenda as amended made by George Onley, seconded by Dennis MacDonald.

Carried

Amendment: 3. Barbara Groves replaces Sue Buckle for discussion leader

e) Approval of Minutes of June 15, 2010 SPC Meeting

Motion to Approve Minutes as amended made by Dennis, seconded by Maurice.

Carried

f) Correspondence

1. Letter from Dick Hanneman - Salt institute. – asked to be given notice of the ongoing work.
 - The Committee discussed how salt management was already being accomplished, and that the committee did not expect to consider prohibition. Policy development should consider the Ontario Good Roads Association policy paper for salt management.
2. Letter from Barbara Groves to Ian Smith regarding the tasks to be completed and our willingness to work with Ministry staff to complete those objectives.
3. Letter from Ian Smith regarding request for second extension. Explained the steps that needed to be completed before the Director would make a decision.

2. Meeting Dates for Fall/Winter/Spring 2010

The committee agreed that the second Thursday of each month will be a meeting date for the committee. The following dates are proposed subject to final approval at the September 09, 2010 meeting.

October 14, 2010
November 11, 2010*
December 9, 2010
January 13, 2011
February 10, 2011
March 10, 2011
April 14, 2011
May 12, 2011
June 9, 2011

The committee also was in favour of setting a second public consultation session on the Draft Assessment Report to provide greater accessibility. The sessions will be set up for Callander and South River.

3. Committee Update

Barbara Groves updated the committee on the status of a vacancy to the Source Protection Committee. A municipal representative position needs to be filled.

Also, the committee agreed that staff should proceed to contact the Nipissing First Nation in order to fill the seat which is reserved for them, and continue to seek the knowledge and valuable participation that the First Nations community offers.

4. Review of Draft Assessment Report

The Committee examined the updated internal Draft Assessment Report and provided further comments. A record of the comments will be circulated in a separate document.

5. New Business

Concerning the need to maintain quorum for Committee meetings, there was some discussion about the need to re-engage the Nipissing First Nation to have an active representative on the committee. Neil Gervais will work with the Band to give guidance with regards to the Capacity Funding which is available from the Ministry to promote First Nations involvement/studies. Staff will follow up on this matter.

6. Adjourn

Meeting adjourned at 2:00 p.m. on a motion by Maurice Schlosser.

Carried.

Barbara Groves, Chair

Sue Miller, Project Manager

**MINUTES OF THE TWENTY-NINTH MEETING OF THE NORTH BAY-MATTAWA
SOURCE PROTECTION COMMITTEE**

9:15 AM, THURSDAY, SEPTEMBER 09, 2010

Held at the North Bay Water Treatment Plant Boardroom, 284 Lakeside Dr, North Bay

1. Administration

a) Meeting called to order @ 9:20 AM by Chair, Barbara Groves.

b) Attendance

| S P C | Staff and Liaisons | Regrets |
|--------------------------|--|-------------------|
| Barbara Groves, Chair | Sue Miller, Manager DWSP | Chuck Poltz (DHU) |
| Lucy Emmott (to 1:45 pm) | Rob Pringle, Source Protection Planner | |
| Ian Kilgour | Sue Buckle, Communications Advisor | |
| Dennis MacDonald | Neil Gervais, MOE Liaison | |
| John MacLachlan | | |
| George Onley | | |
| Maurice Schlosser | | |
| George Stivrins | | |
| Roy Warriner | | |

c) Declaration of Pecuniary Interest – None

d) Approval of Agenda

Motion to Approve Agenda as amended made by Lucy Emmott, seconded by Roy Warriner.

Carried

Amendments:

- Committee Attendance at Agricultural Community meeting on Sept 10, 2010.
- Update from Barbara Groves re: filling a vacancy on the committee

e) Approval of Minutes of July 20, 2010 SPC Meeting

Motion to Approve Minutes moved by George Onley, seconded by Dennis MacDonald.

Carried

f) Correspondence

1. Director's Approval for Rule Deviation (Callander IPZ delineation)
2. Comments received from MOE staff in the phase one screening are discussed in item 3.
3. Barbara Groves received information about a meeting to be held in Chisholm hosted by OMAFRA and MOE. Three members of the committee involved in agricultural activities are planning to attend the session. It provides farmers an opportunity to meet an agricultural staff from the MOE who will be conducting site visits to farmers to understand farming practice in the area.

4. Barbara Groves read a report from the Communications Advisor regarding the advertising that went into the search for a replacement municipal representative for the SPC.

2. Project Manager's Report

Sue Miller invited comments on her report to the committee and provided explanation of some of the items.

Results of Discussion:

- John M. unable to attend scheduled committee training, and will be given a list of finalized dates to see if any correspond with his free days.
- Regarding the IPZ ruling from the director, it was clarified that this was approval for the process as it had been completed, so the approval would not require additional work. The variation was for considering the type of system, and allowing for consideration of contributing watersheds.
- Question arose about the status of Vulnerable Area signage. Sue Buckle will be addressing that directive in the coming months, and that the committee would also like to investigate ways of notifying the rail operators of the same areas.
- Ian Kilgour updated the committee on the Activity of the July 20, 2010 mock disaster. The situation related to a malfunction at the wastewater treatment facility. Dennis MacDonald expressed interest in a scenario being conducted for the water treatment facility, and having committee members in various locations to observe the operation and inform the policy decisions for emergency response.

MOTION THAT the North Bay-Mattawa Source Protection Committee requests that the City of North Bay consider that their next mock emergency planning session for the calendar year 2011 focus attention on a mock spill disaster at the Trout Lake drinking water intake.

AND THAT members of the Source Protection Committee be permitted to observe various aspects of the emergency response in order to inform the policy responses for spills action as permitted in the source protection planning process.

Moved by Ian Kilgour, Seconded by Dennis MacDonald. **Carried.**

3. Addressing Comments on the Draft Assessment Report

Sue Buckle verbalized the comments summary provided to the committee. The committee was informed that none of the comments received from the public required any changes for the Proposed Assessment Report. Comments received from the Ministry of the Environment technical staff were received and are being implemented.

Neil Gervais, MOE Liaison Officer clarified that the Phase 1 screening and pre-screening activities are not official review sessions; rather they are comparable to public comments from technical experts.

Dennis MacDonald has made efforts to distribute the Draft Assessment Report to the Ontario Northland Railway (ONR) to receive comments from that body. It is recommended that Dennis inform his contact of the Proposed Assessment Report when it is available, and that comments should be made for the October 18 deadline.

4. Introduction to Source Protection Plan in O. Reg 287/07

MOE Liaison Officer Neil Gervais provided the ministry presentation and recorded questions for which official ministry responses will be provided. The training session in October will be a time for those questions to be answered.

5. North Bay Water Treatment Facility Tour

The committee was given a tour of the newly completed intake treatment facility by Karin Morin-Strom, Manager of Facilities for the City of North Bay.

6. ODW Stewardship Program Early Responses

MOTION THAT DWSP staff members should prepare recommendations and applications for funding based on the committee's desire to reduce the significance of any and all significant threats to drinking water quality through the Early Response program.

AND THAT priority be given to applications for inspections and recommended maintenance of septic and sewer systems that are significant drinking water threats or that contribute to a drinking water issue as identified in the Draft Assessment Report for the North Bay-Mattawa Source Protection Area.

Moved by Dennis MacDonald, seconded by Maurice Schlosser. **Carried.**

7. New Business

Concerning future meeting dates, a conflict was noted for activities for Remembrance Day on November 11th. The committee was able to agree upon **an alternate date of November 4, 2010.**

George Onley made note that with regards to additional future meeting dates, he will be absent for the meeting tentatively scheduled for February 10, 2011.

8. Adjourn

Meeting adjourned at 2:15 p.m. on a motion by George Stivrins.

Carried.

Barbara Groves, Chair

Sue Miller, Project Manager

**MINUTES OF THE THIRTIETH MEETING OF THE NORTH BAY-MATTAWA
SOURCE PROTECTION COMMITTEE
9:15 AM, THURSDAY, OCTOBER 14, 2010
Held at the North Bay-Mattawa CA Boardroom, 15 Janey Ave North Bay**

1. Administration

a) Meeting called to order @ 9:20 AM by Chair, Barbara Groves.

b) Attendance

| S P C | Staff and Liaisons | Regrets |
|------------------------|--|-------------------|
| Barbara Groves, Chair | Sue Miller, Manager DWSP | Chuck Poltz (DHU) |
| Lucy Emmott (by phone) | Rob Pringle, Source Protection Planner | Ian Kilgour |
| Dennis MacDonald | Sue Buckle, Communications Advisor | |
| John MacLachlan | Neil Gervais, MOE Liaison | |
| George Onley | | |
| Maurice Schlosser | | |
| George Stivrins | | |
| Roy Warriner | | |
| Randy McLaren | | |

c) Declaration of Pecuniary Interest – None**d) Approval of Agenda**

Motion to Approve Agenda as amended made by George Onley, seconded by Maurice Schlosser.

Carried**e) Approval of Minutes of Sep 09, 2010 SPC Meeting**

Motion to Approve Minutes moved by George Onley, seconded by John MacLachlan.

Carried**f) Correspondence**

1. Director's Bulletins. Provided for information.

g) Welcome to Randy McLaren

Randy has joined the committee as a Municipal representative. He is currently seeking election to the office of Mayor of Bonfield Township. The Chair asked each Committee member to provide a short introduction to the new member.

2. Project Manager's Report

Sue Miller invited comments on her report and provided clarification of some of the items.

Results of Discussion:

- Clarified how the Issue (Microcystin LR and phosphorous contributions) was identified, and why the Issues Contributing Area is under review through the Phosphorus Budget study.
- Committee will have a lot of options moving forward with the Phosphorous issue - policies to reduce loadings may be ineffective without significant anthropogenic sources to address

- Regarding the Transportation Corridors/Local Threats – The committee wishes to make contact with other SPCs working on similar concerns - specifically to see if contact has been made with other transport bodies (CN or CP) regarding the corridor threats.
- Signage for vulnerable areas – SPC Chairs are working provincially with MTO to negotiate common signage and protocols for locating signs along provincial highways. Some areas (GRCA for example) already have signage on municipal streets.

3. Training Preparation

John MacLachlan provided a few comments to the committee regarding the training session he attended in Brockville. It was the first session in the Province, and he anticipates formatting changes for further training sessions.

John highlighted the following:

- He recommends attending the training, as it was a positive learning experience.
- It was participatory: individual and group assignments for policy development.
- Good opportunity to network with SPC members from other areas: join in a number of different groups (don't sit together).
- Stressed the level of responsibility SPC has in drafting policies - i.e. policies within SP Plan cannot be appealed to OMB .
- Concern was expressed that Committees of Adjustment may be pressured sometimes to waive planning requirements stemming from SP policies; so essential that they be included in the consultation process so they are fully aware of the implications.
- Risk Management Official (RMO): who will fill that role in NBM SP Area? – a Chief Building Official's responsibilities are structural whereas managing threats to source water is very different - RMO needs appropriate training.
- Impacts on business - always consider implications of policies - get a local perspective
- Concern was expressed by someone with an insurance background at the Brockville session that enforcement of TSSA requirements with regard to fuel storage tanks was not always effective. Insurance companies are the ones making sure compliance is happening at this point.

Sue Miller, Project Manager, used a "pop quiz" to reinforce the training materials from the previous meeting, and used portions of the Liaison Officer's presentation from that meeting to prepare the committee for the forthcoming MOE training session.

The committee briefly discussed the travel and accommodation needs for the October 26 Session and were informed that other committees would appreciate an informal dinner on October 25. Each member is registered for the training. Five Members indicated they will require overnight accommodation, which will be arranged when the location is known.

4. Plan Development

Sue Miller, Project Manager, presented a number of pieces with regards to preliminary Plan development and the creation of a workplan for the Plan development process. Key milestones involving the committee were identified, especially those that required immediate action. The concept of a

Planning Working Group was presented, and the Project Manager sought approval to have the committee endorse that format. Committee members additionally identified that the composition/membership of that working group should be identified as a key part of the Committee's decision. Thus the following resolutions were put forward:

Resolution 30-1

Moved by George Stivrins, Seconded by George Onley

THAT a planning working group, to be formed of members identified by the SPC at a later date, develop and submit preliminary draft policies to the SPC for their review and consideration. **Carried.**

Resolution 30-2

Moved by Dennis MacDonald, Seconded by Randy McLaren

THAT staff of the CA be directed to investigate and report on the alternatives for composition of the planning working group, including the possibility of using the services of a planning consultant. **Carried.**

5. Communications Plan for Stakeholder Engagement

Sue Buckle, Communications Advisor, provided a high-level overview of the required consultation periods for the Source Protection Plan, and established goals for effective consultation on the plan. A key issue will be identifying the stakeholders and getting active participation and buy-in to the Plan at multiple points in the process so that implementation will not come as a surprise. Emphasis is on collaboration with key groups, and promoting the appropriate message as effectively as possible.

6. Bicycle Rack: items of follow –up.

Neil Gervais, MOE Liaison Officer updated the committee on the ODWSP - Early Response Applications. \$17 Million worth of applications were submitted for a pool of \$4.8 Million. Applications will be based on the merit and the Province will have discretion to fund parts of projects.

Our Application was submitted with the Septics program taking the lead since they were our main concern. We anticipated that about 40 property owners were likely to apply for the program we put forth, and that represented about \$500,000.

Dennis MacDonald advised that ONR does not intend to comment on the Assessment Report, but plan to be involved in the policy development phase.

7. Adjourn

Meeting adjourned at 1:55 p.m. on a motion by George Onley.

Carried.

Barbara Groves, Chair

Sue Miller, Project Manager

**MINUTES OF THE THIRTY-FIRST MEETING OF THE
NORTH BAY-MATTAWA SOURCE PROTECTION COMMITTEE
9:15 AM, THURSDAY, NOVEMBER 04, 2010
Held at the North Bay-Mattawa CA Boardroom, 15 Janey Ave North Bay**

1. Administration

a) Meeting called to order @ 9:23 AM by Chair, Barbara Groves.

b) Attendance

| S P C | Staff and Liaisons | Regrets |
|-----------------------|--|-------------------|
| Barbara Groves, Chair | Sue Miller, Manager DWSP | Chuck Poltz (DHU) |
| Lucy Emmott | Rob Pringle, Source Protection Planner | |
| Ian Kilgour | Sue Buckle, Communications Advisor | |
| Dennis MacDonald | Neil Gervais, MOE Liaison | |
| John MacLachlan | | |
| George Onley | | |
| Maurice Schlosser | | |
| George Stivrins | | |
| Roy Warriner | | |
| Randy McLaren | | |

c) Declaration of Pecuniary Interest – None

d) Approval of Agenda

Motion to Approve Agenda as amended made by Lucy Emmott, seconded by Dennis MacDonald.

Carried

e) Approval of Minutes of October 14, 2010 SPC Meeting

Motion to Approve Minutes moved by Dennis MacDonald, seconded by Randy McLaren. **Carried**

f) Correspondence - none

g) Discussion of projected meeting dates:

SPC agreed to move December 2010 and March 2011 meetings one week forward from the originally scheduled “second Thursday” of each month. Dates will be December 2, 2010 and March 3, 2011. George Stivrins may miss the December meeting if weather impacts his travel plans.

2. Discussion Regarding Project Manager’s Report

- a. The Draft P Budget was received the day before this SPC meeting, and the Technical Advisory Committee will meet on Monday, November 8. It will not recommend that the Issue Contributing Area be extended beyond the current delineated 120m setback from watercourses. The final report will be presented on January 13, 2011 to the SPC in the afternoon and to the public in the evening.
- The Committee meeting will start sometime between 10 and 11 am, depending on the agenda, and will run until 4 pm at the NBMCA boardroom.
 - The public meeting will be held at the Callander Legion from 7 to 9 pm and the Chair has indicated that SPC members should attend.

- b. The "Background" section of the PM Report refers to the approved Source Protection Plan being "binding and cannot be appealed".
- Ian Kilgour has raised concerns regarding this since the process began. From the perspective of a municipal planner, there needs to be a real right of appeal of amendments or interpretations of an official plan, otherwise there could be perceived abuse of the process (municipal official could accept payment of fee for an appeal, knowing that the appeal would be quashed). Therefore, where a policy in an official plan is a direct requirement of the applicable Source Protection Plan, the policy wording should indicate that the policy is not subject to appeal and/or include wording to the effect that no individual will wrongfully initiate an appeal process.
 - There needs to be an understanding of the appeal rights where the plan allows for municipal interpretation or a choice of approaches.
 - The MOE Liaison has an official response to this issue in his records which he will distribute.

Resolution 31-01

THAT the SPC ask the MOE liaison to clarify the implications of approved SP planning policy and the appeal rights under both the Clean Water Act and the Planning Act.

I.e. if a SPP policy is to be implemented through an Official Plan, is the OP Amendment appealable under the planning Act? If so, what power does the OMB have to modify Source Protection Policy, and/or an official plan policy for implementing a SPP Policy.

Moved by: Ian Kilgour, seconded by: Dennis MacDonald.

Carried.

3. Training Debriefing

- Venue had some technical drawbacks related to acoustics which posed challenges during group exercise. Conversations occurring during presentations were also a problem.
- Participants recognized the difficulty of developing appropriate policies in the absence of solid technical understanding and identified the need for expert advice.
- The value of experience and local knowledge were also recognized and this supports the need for stakeholder participation in policy development.
- The MOE Liaison position is designed to assist in finding experts who can assist in policy development.
- Innovation is present in the process: younger minds are contributing positive ideas to the development of policy.
- There is a need to focus on the objectives of the Plan and to identify what gaps in policy need to be filled to achieve those.

4. Septic System Basics

Robert Palin, Manager of On-site Sewage Program for the NBMCA, gave a very informative presentation describing the installation and operation of septic systems, how they are regulated, the risks posed and what proper maintenance involves. The presentation was well received and much appreciated recognizing that this knowledge is essential for policy development.

An additional note in the presentation identified proposed changes to the Ontario Building Code would include swimming pool discharge in the definition of sanitary sewage. If this amendment is made, then swimming pools must be discharged to the available on-site or municipal sewage systems. It is Mr. Palin's expert opinion that this would cause system overloading, and the amendment should not be made. The Source Protection Committee expressed interest in supporting Mr. Palin with a letter to the appropriate policy makers.

5. Policy Conceptualization

Sue Miller, Project Manager, presented Draft Guiding Principles for the Development of Policy for discussion. These are intended to direct the decision-making process in the development of the Source Protection Plan and will be posted on-line to inform stakeholders once finalized. An overall timeline for completion of the plan was also presented; a work plan will be prepared for the December meeting.

Guiding Principles for Policy Development

1. Use of prescribed instruments is preferred over introduction of new measures.
2. Maximizing accountability, effectiveness, efficiency and transparency in the preparation, consultation and implementation of Source Protection Plan policies through collaboration with municipalities and appropriate staff.
3. Where new policies and tools are necessary, select these from policies and tools that have proven to be effective elsewhere.
4. Minimize duplication of work through effective liaison and information sharing with other SP Areas.
5. Recommend policies for monitoring and enforcement efforts that will minimize municipal fiscal, social and economic impacts to the maximum extent feasible.
6. Wherever possible, recommend policies that will minimize social and economic impacts on private landowners.
7. Provide flexibility for municipalities, while maintaining consistency across municipal boundaries, by preparing a set of recommended model policies or "menu" of policy/approach choices, rather than prescribing a set of policies/approaches.

6. Communications

Sue Buckle, Communications Advisor, provided details on the flow of background information to the SPC and Policy Working Group (PWG), and the public consultation schedule. Threats were grouped for the purpose of scheduling reviews. Staff will prepare Threat Discussion Papers for each group of threats and present the discussion papers to the SPC on a monthly basis. Each Threat Discussion Paper will include:

- Threat Summary – description of the activities included and the risks posed them
- Applicable legislation, policies, instruments, programs (LPP)
- Gaps in LPP's indicating where changes may be required
- Policy considerations
- Examples of risk management measures, policies & procedures
- Further research needed re: site/municipal considerations
- Suggested stakeholder consultations

After SPC review of each Threat Discussion Paper, the Paper and SPC comments will be forwarded to the Policy Working Group (PWG) for review and comment, also on a monthly basis. Stakeholder roundtables will be held twice (Feb & May) to review the Discussion Papers and comment directly to the

PWG. Following the stakeholder roundtables, the PWG will draft policy and provide an interim report to the SPC.

Additional public consultation will take place in the autumn following the compilation of the draft policies related to significant threats and SPC review.

Stakeholder groups will be identified in general and finalized as part of the Threat Discussion Paper process taking into consideration the site specific implications and key stakeholder groups.

Following is the draft schedule for presentation and Review of Threat Discussion Papers and reports back to SPC:

| Threat Discussion Paper | SPC Review | PWG Review | Stakeholder Round Tables | PWG Draft Policies Due |
|---|------------|------------|--------------------------|------------------------|
| A. Sewage Systems | Dec 2010 | Dec 2010 | Feb 2011 | Mar/Apr |
| B. Ag SM/Fert/Non-AG SM/Pesticides | Jan | Jan | Feb | Mar/Apr |
| C. Waste Disposal Sites | Feb | Feb | May | May/June |
| D. Fuel/Organic Solv/DNAPL/ Aircraft de-icing | Mar | Mar | May | May/June |
| E. Road Salt / Snow Storage | Apr | Apr | May | June |

Additional public consultation will be held following the drafting of the Source Protection Plan in accordance with the Clean Water Act and regulations.

7. **Bicycle Rack: items of follow –up.**

Local Threats: MOE Standards Branch is reviewing the hazard scores for the substances that were identified in the application for a local threat. The review is not yet finalized, but for the chemical contaminants, two chemicals have been given scores. This means the application for inclusion of transportation corridors as a local threat is likely to be approved. Neil is optimistic that a formal response will be given by the next meeting. Once we have an approved response, it must go into an Updated Assessment Report.

8. **Adjourn**

Meeting adjourned at 1:27 p.m. on a motion by John MacLachlan.

Carried.

Barbara Groves, Chair

Sue Miller, Project Manager

**MINUTES OF THE THIRTY-SECOND MEETING OF THE
NORTH BAY-MATTAWA SOURCE PROTECTION COMMITTEE
9:15 AM, THURSDAY, DECEMBER 02, 2010
Held at the North Bay-Mattawa CA Boardroom, 15 Janey Ave North Bay**

1. Administration

a) Meeting called to order @ 9:25 AM by Chair, Barbara Groves.

b) Attendance

| S P C | | Staff and Liaisons |
|-----------------------|--------------------------|--|
| Barbara Groves, Chair | George Onley (to 11:10a) | Sue Miller, Manager DWSP |
| Lucy Emmott | Maurice Schlosser | Rob Pringle, Source Protection Planner |
| Ian Kilgour | George Stivrins | Sue Buckle, Communications Advisor |
| Dennis MacDonald | Roy Warriner | Neil Gervais, MOE Liaison |
| John MacLachlan | Randy McLaren | Chuck Poltz (DHU) |
| <i>Guest.</i> | Beverley Hillier (CNB) | |

c) Declaration of Pecuniary Interest – None

d) Approval of Agenda

Motion to Approve Agenda as amended made by Lucy Emmott, seconded by Dennis MacDonald.

Carried

e) Approval of Minutes of November 04, 2010 SPC Meeting

A paragraph was added to section 4 (septic presentation) to indicate that the committee wished to support Mr. Palin's request that swimming pools not be added to the "sanitary sewage" definition in the Ontario Building Code.

Motion to Approve Minutes moved by Dennis MacDonald, seconded by John MacLachlan. **Carried**

f) Correspondence - none

g) Introduction of guest: **Beverley Hillier** who has replaced Ian Kilgour as Manager of Planning Services at the City of North Bay.

2. Discussion Regarding Project Manager's Report

Sue Miller discussed her report, which introduced the various meeting topics, and solicited questions from the Committee. Completion of the Phosphorus Budget still requires the recommendations be drafted and reviewed by the Technical Advisory Committee. Sue discussed that for personal reasons, the consultant may have difficulty presenting on the scheduled January 13, 2011.

Regarding the Policy Working Group (PWG) formation, staff is directed to advise each affected municipality of the formation of the Policy Working Group and offer the opportunity to participate, preferably providing someone with planning/policy experience. There will also be input on names of suitable 'knowledgeable public' who could participate in SP Area-wide planning.

The Committee also expressed that there should be additional support (training) provided by experts, which can be arranged by staff/MOE Liaison to address special topics in the PWG meetings. PWG meetings will be open to SPC members but staff will have to know ahead of time for room set-up.

3. Work Plan

A review of the timelines for the work plan was given by Sue Buckle and Sue Miller. The goal is to ensure that there is sufficient review, consultation, and transparency. Committee members were given a summary of the work plan to August 2012 listing the various documents to be developed, activities and other milestones.

The committee flagged for concern the fact that some information is still in draft form when it needs to be ready for PWG review this month. Timelines require that the Threat Discussion Papers are circulated to both the SPC and PWG at the same time. Revisions will consider input from both the SPC and PWG. Staff agreed that timelines are both tight and challenging.

4. Sewage Threats Discussion Papers

Rob Pringle, SP Planner, introduced the Draft Discussion Papers for Septic Threats (Septic Systems & Holding Tanks, Industrial Sewage, and Discharge from a Stormwater Retention Pond). The goal of the initial discussion was to solicit feedback on format and content since this is the first in a series.

The Committee made several recommendations such as: the addition of maps of the vulnerable areas, clarification of government agency overseeing activity, explanation of some of the technical terms (ex. Microcystin issue needs a summary paragraph for the public)

With respect to policy direction, the Committee expressed consensus on management of existing threats.

5. Notice when Plan Preparation Begins

Notices are required under Section 19 of O.Reg 287/07 (General) of the Clean Water Act to inform members of the public and especially affected landowners of the commencement of Plan preparations. The Committee indicated in **Resolution 32-01** that staff should act on these notices as soon as reasonably possible.

Note that ONR/CNR will be added to the list of stakeholders once we have recognized the transportation corridor in the Assessment Report. We can notify them regardless, but the intent and significance would be different than once we have identified their use as a local threat. On that note, Dennis MacDonald (Transportation) would appreciate any contacts other SPCs are using for CPR/CNR, and the LO will work to provide that information. More rail threat information can also be something for the MOE Liaison to investigate.

6. Policy Working Group (PWG) Formation

The SPC recognizes that staff is working to form the PWG as quickly as possible, and provided direction as noted in section 2 above. The Draft Terms of Reference for the PWG will be revised with input from the PWG members and brought back to the SPC for consideration and approval at the next meeting.

7. Provincial Support for Creation of Source Protection Plans

Rob Pringle introduced Members to the Risk Management Measures Catalogue and the Policy Web Forum. These are online resources to aid policy development and collaboration among SP Areas. The MOE Liaison advised that the list of MOE Guidance Bulletins circulated in the meeting package may be revised.

8. Bicycle Rack: items of follow-up.

Neil Gervais, MOE Liaison, updated the Committee on the status of our Local Threat Application for Transportation Corridors. The Director will be receiving the application for final review in the next couple days. The Transportation member requested that the Liaison also investigate the balance between Federal and Provincial regulation of railways (What can the SPP do to regulate the railways?).

Staff was directed to consult with Hutchinson Environmental Services Ltd. to determine if Neil Hutchinson would be able to present the Phosphorous Budget on January 13, 2011 if Tammy Karst-Riddoch is unavailable.

9. Adjourn

Meeting adjourned at 1:57 p.m. on a motion by Maurice Schlosser.

Carried.

Barbara Groves, Chair

Sue Miller, Project Manager