



## CATARAQUI SOURCE PROTECTION COMMITTEE

### AGENDA FOR MEETING # 44

Date: Thursday November 17, 2011  
 Time: 7:00 PM  
 Location: Courtyard by Marriott – 1000 Islands Meeting Room  
 103 Dalton Avenue (south of Highway 401, west of Division Street), Kingston  
 (613) 548-7000

#	Topic	Leader	Time (min)	Action Item?
1	Roll Call and Notice of Proxies	John Williamson, Chair	5	
2	Adoption of the Agenda			
3	Declarations of Conflict of Interest			
4	Approval of Previous Meeting Minutes from September 8, 2011 (attached)			
5	Business Arising			
6	Delegations			
7	Correspondence (attached)			
(a)	Letter from Sunbury Outlook to the Township of South Frontenac, copied to the Cataraqui Source Protection Committee, regarding the impact of aggregate extraction on source water, dated October 5, 2011	Rob McRae, Project Manager	15	
(b)	Letter from Heather Malcolmson, Acting Director, Source Protection Programs Branch, Ontario Ministry of the Environment, to Robert Morrison, Chair, Cataraqui Source Protection Authority and John C. Williamson, Chair, Cataraqui Source Protection Committee, acknowledging approval of an <u>Amended Proposed Assessment Report: Cataraqui Source Protection Area</u> (June 2011), dated October 6, 2011			
(c)	Letter from the Eastern Ontario Warden's Caucus to the Honourable Jim Bradley, Ontario Minister of the Environment, regarding financial costs for implementation of drinking water source protection, dated October 25, 2011			

#	Topic	Leader	Time (min)	Action Item?
8	Sector Updates from the Committee	John Williamson, Chair	15	
9	Business / Reports			
(a)	Status of Pre-Consultation on Draft Source Protection Plan Policies (staff report attached)	Rob McRae, Project Manager	10	
(b)	Comparison of Draft Source Protection Plan Policies Across Eastern Ontario Source Protection Areas/Regions (staff report attached)	Christine Woods, Source Protection Planner	5	
(c)	Draft Policies for the Source Protection Plan – Proposed Responses to Pre-Consultation Comments and Suggestions (staff report attached)	Holly Evans, Water Quality Specialist and Christine Woods, Source Protection Planner	120	
10	Announcements or Inquiries	John Williamson, Chair	10	
11	Motions or Notices of Motion			
12	Questions from the Media			
13	IN CAMERA Session (if required)			
14	Next meetings: Joint Working Group Meeting (November 23, Kingston) Regular Meeting (December 8, Kingston)			
15	Adjournment			

Please inform Donna Cellini at (613) 546-4228 ext. 248 or via e-mail at [dcellini@cataraquieregion.on.ca](mailto:dcellini@cataraquieregion.on.ca) if you will not be able to attend the meeting. Members voting by proxy are requested to please communicate their proxy to the Chair prior to the meeting.

Delegations wishing to speak to the Source Protection Committee are asked to contact Rob McRae, Project Manager at (613) 546-4228 ext. 224 or via e-mail at [robmcrae@cataraquieregion.on.ca](mailto:robmcrae@cataraquieregion.on.ca).

**THE CATARAQUI SOURCE PROTECTION COMMITTEE**  
**MINUTES OF MEETING # 43**

Thursday, September 8, 2011 (7:00 PM)

Kinsmen Community Hall  
400 Stone Street North (Highway 32)  
Town of Gananoque

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**Present:** John C. Williamson, Chair      Rob Cumming      Gary Davison  
Scott Ewart      Jacques Labelle      Kathleen Laird  
Wendy Lavender      Richard Lindgren      Chris Mangan-Greene  
Nona Mariotti      Allan McPhail      Alex Palilonis  
Jeff Peters      Peter Raabe      Kevin Riley  
Kim Sytsma

**Regrets:** Richard Bresee      John Conley      Joan Green

**Staff Present:** Donna Cellini, Project Secretary  
Steve Knechtel, General Manager/Secretary-Treasurer  
Karla Maki-Esdon, Communication Coordinator  
Rob McRae, Project Manager, Source Water Protection  
Christine Woods, Source Protection Planner

**Guests:** There were none

Chair John C. Williamson called the Cataraqui Source Protection Committee (SP Committee) meeting to order at 7:03 P.M. Chair Williamson thanked Chris Mangan-Greene for hosting a golf event for members and staff earlier in the afternoon.

**1) Roll Call and Mileage**

There were 13 voting members present and 1 voting member sent a proxy.

**2) Adoption of Agenda**

Moved by: Gary Davison  
Seconded by: Chris Mangan-Greene

**THAT** the Cataraqui Source Protection Committee members adopt the meeting agenda as distributed.

**Carried**

**3) Declarations of Conflict of Interest**

There were none.

**4) Approval of Cataraqui Source Protection Committee Minutes**

Approval of June 9, 2011 Cataraqui Region Source Protection Committee Minutes took place via a positive e-poll result held subsequent to the June meeting.

**5) Business Arising**

There was none.

**6) Delegations**

There were none.

**7) Correspondence**

- a) Letter from Keith Willson, Manager, Source Protection Approvals, Source Protection Programs Branch, Ontario Ministry of the Environment, to Steve Knechtel, General Manager/Secretary-Treasurer and Rob McRae, Project Manager, Source Water Protection, Cataraqui Region Conservation Authority, acknowledging receipt of an Amended Proposed Assessment Report: Cataraqui Source Protection Area (June 2011), dated June 27, 2011

Rob McRae, Project Manager, advised the members that this letter acknowledges the receipt of the Draft Amended Proposed Assessment Report and that he understood through the Ministry Liaison that it was moving through the approval process.

- b) Letter from Constance Wrigley-Thomas, Executive Director, Canadian Oil Heat Association – Ontario Chapter, to Steve Knechtel, General Manager/Secretary-Treasurer, Cataraqui Region Conservation Authority, offering assistance with source protection policy development, dated July 20, 2011

Mr. McRae acknowledged this letter and the offer therein to assist the SP Committee with the policy development.

- c) Letter from Nicole Barbato, SWP Liaison, Conservation Ontario, to Terence F. Bowles, President and CEO, St. Lawrence Seaway Management Corporation, advising of the ongoing development of source protection plans, dated August 22, 2011

Mr. McRae indicated that this letter was one example of the recent correspondence sent by Conservation Ontario on behalf of all source protection areas/regions to industry to ensure their awareness of the source protection process.

- d) Letter from Heather Malcolmson, Acting Director, Source Protection Programs Branch, Ontario Ministry of the Environment, to source protection committee chairs and project managers, outlining instructions for recording the legal effect of policies in source protection plans, dated August 23, 2011

Mr. McRae indicated that this letter indicated how source protection areas/regions are to comply with Section 34 of Ontario Regulation 287/07, which establishes a need to identify the applicable legal effect of the each policy in a source protection plan.

**8) Sector Updates from the Committee**

Rob Cumming advised the Members that he recently had a follow up meeting with INVISTA. He also advised that he would continue to act as a liaison and would take questions on behalf of the SP Committee. He indicated that INVISTA does a complete environmental issues training session for new employees that includes water.

**9) Business/Reports**

- a) Communications Strategy for the Cataraqui Source Protection Plan, Karla Maki-Esdon, Communications Coordinator

Karla Maki-Esdon, spoke of her staff report that sought direction from the SP Committee on a proposed Communications Strategy for the completion of the source protection plan. It covers the period between September 2011 and August 2012.

**Resolution CSPC 10-11**

Moved by: Kim Sytsma  
Seconded by: Gary Davison

THAT the Cataraqui Source Protection Committee adopt the Communications Strategy – September 2011 to August 2012 (dated September 1, 2011).

**Carried**

- b) Pre-Consultation on Draft Source Protection Plan Policies, Rob McRae, Project Manager

Mr. McRae presented regarding the ongoing pre-consultation on the draft source protection plan policies. He summarized the key themes in the comments received to-date from the first round of pre-consultation. He indicated that comments had been received from 4 of the 24 recipients from whom comments were anticipated, and there was ongoing dialogue with most other recipients. Mr. McRae shared the comments and themes received so far through letters and general dialogue with the recipients to the members.

It was agreed that staff would develop a series of 'level-of-effort' documents to assist implementation bodies to forecast the actual effort that may be required to implement the policies for which they may be responsible. It was noted that their interpretation of that effort may exceed the intent of the SP Committee.

Mr. McRae advised the members that there would be a policy forum held in Kingston on September 28<sup>th</sup> for municipal officials and staff. He recommended that the SP Committee should host of this event and perhaps 3 or 4 members could represent the group at the event. Members were asked to indicate their interest following the meeting.

- c) Draft Policies for the Second Pre-Consultation Window, Holly Evans, Water Quality Specialist and Christine Woods, Source Protection Planner

Holly Evans and Christine Woods presented the proposed draft policies for Sandhurst Shores, A.L. Dafoe, Bath, Fairfield, Point Pleasant and Kingston Central Intake Protection Zones (IPZ), as well as for the Highly Vulnerable Aquifers and Significant Groundwater Recharge Areas. They sought approval-in-principle of the draft policies for the purpose of pre-consultation.

Ms. Evans and Ms. Woods indicated that the draft policies for the six western IPZ policies were generally consistent with those proposed for the Brockville, James W. King and Sydenham IPZs. Draft policies for those locations had already been shared with implementers in June 2011. The comments received through the first part of pre-consultation were incorporated to the extent possible. A few new concepts were introduced in these policies, which would also be applicable to the first group of vulnerable areas. The new concepts included:

- A requirement for a disclosure report as part of a complete application under the *Planning Act* so that the subject municipality can identify activities in vulnerable areas that would be drinking water threats (e.g. the planned development will include a manufacturing process that utilizes organic solvents).
- The collection of industrial sewage and wastewater effluent sampling reports by the Ontario Ministry of the Environment and data sharing with the Cataraqui Source Protection Authority.
- Incorporation of vulnerable area data and mapping into Drinking Water Quality Management System documents under Section 44 of the Ontario *Safe Drinking Water Act*.
- Encouraging the creation of a “water recognition” incentive program for industry.

They also indicated that the draft policies for the highly vulnerable aquifers and significant groundwater recharge areas were consistent with policies for the wellhead protection areas and intake protection zones as appropriate. The ideas for these broader groundwater areas focused on implementing actions to:

- Promote responsible land use planning;
- Improve information availability;
- Enhance education/outreach initiatives; and
- Conduct research to refine the sensitive groundwater area delineations and to better assess the impact of drinking water threats on these areas.

#### **Resolution CSPC 11-11**

Moved by: Jacques Labelle

Seconded by: Kim Sytsma

THAT the Cataraqui Source Protection Committee approve-in-principle the draft policy approaches for the Sandhurst Shores, A.L. Dafoe, Bath, Fairfield, Point Pleasant and Kingston Central Intake Protection Zones, and the highly vulnerable aquifers and significant groundwater recharge areas (as discussed at its September 8, 2011 meeting) for the purpose of pre-consultation, in accordance with Sections 35 through 39 of Ontario Regulation 287/07 (as amended).

**Carried**

**10) Announcements or Inquiries**

- a) Water protection: Committee submits report to ministry – Kingston Whig Standard, August 2, 2011, John Williamson, Chair

Chair, John Williamson spoke briefly about this interview and acknowledged the article to the members.

- b) Public health warns of blue-green algae in lower Rideau Canal – Kingston Whig Standard, August 6, 2011, John Williamson, Chair

Chair, John Williamson acknowledged this article and there was some discussion regarding the issue.

- c) Haley adamantly opposed to costly water quality rules – Brockville Recorder and Times, September 8, 2011, John Williamson, Chair

This item was circulated at the meeting to the members and acknowledged by the Chair.

**11) Motions/Notice of Motion**

There were none.

**12) Opportunity for Questions from the Media**

There were no questions.

**13) IN CAMERA Session**

This was not required.

**14) Next Meeting**

The Chair indicated that the next meeting would be held in November the location is yet to be determined.

Next meeting of the SP Committee: November 17, 2011  
7:00 PM Regular Meeting  
Courtyard by Marriott – 1000 Islands Meeting Room  
103 Dalton Avenue (south of Highway 401, west of  
Division Street), Kingston

**15) Adjournment**

The meeting adjourned at 9:31 P.M. on a motion by Kim Sytsma.

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John C. Williamson, Chair

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Rob McRae, Project Manager

October 5, 2011

Township of South Frontenac  
4432 George Street  
Sydenham, Ontario  
Canada  
K0H 2T0

Oct 13/11

Rob M.

File  
No

SAP 4-0

Attention: The Mayor and Council of South Frontenac Township

**Re: A proposed amendment to Aggregate Licence No. 3145 to allow for blasting within the licensed area north of County Road 11.**

Sunbury Outlook represents a group of over sixty South Frontenac residents living in the area impacted by the pit/quarry (MNR Licence No. 3145).

This letter outlines our preliminary concerns in advance of any application to amend licence No. 3145. Given the limited timelines for notification, consultation and opportunities to intervene once an application has been submitted, this letter also serves notice that we would like to be included in the consultation process.

Our recent inquiries and research regarding the potential effects of blasting has given us cause for concern especially as it relates to the following: our wells, quality of life, and the structure and value of our properties.

We request assurances that we neither are now, nor will be in the future, subject to “adverse effects” or “negative impacts” from the aggregate operations in our community<sup>1</sup>. More specifically, we ask for your assurances regarding the following:

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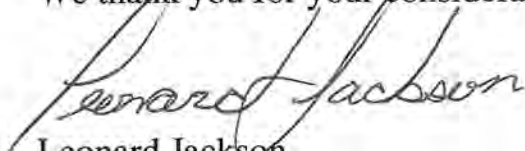
<sup>1</sup> Aggregate pits and quarries in Ontario have caused and have the potential to cause “Adverse effects” (as specified in the Environmental Protection Act (EPA) and outlined in the Provincial Policy Statement (PPS) issued under Section 3 of the Planning Act) and “Negative impacts”(as specified in the PPS issued under Section 3 of the Planning Act) on the health, safety, quality of life and well-being of citizens, properties, the natural environment and the environment.

1. The quality and capacity of our wells<sup>2</sup>.
2. The quality of our drinking water<sup>3</sup>.
3. The 'right to a healthful environment'<sup>4</sup> with a continued or improved quality of life including but not limited to:
  - a) Road safety
  - b) Noise
  - c) Air emissions and air quality
4. The valuation of private property<sup>5</sup>.

We recognize that we live in a growing community that relies on the aggregate industry to build and maintain our lifestyle. We value the industry yet we request to be better informed of and protected from its negative impacts and adverse effects. We require this so that we may be better prepared to have a say in matters that so directly affect our well-being. Accordingly, once an application is made to the Ministry of Natural Resources to amend the above licence, we will encourage residents to ensure that their wells are tested and the conditions of their properties are documented.

In addition, this letter serves as a formal request to address council regarding this issue at the next council meeting October 11, 2011.

We thank you for your consideration.



Leonard Jackson  
Committee Member  
Sunbury Outlook  
[gmc4543@hotmail.com](mailto:gmc4543@hotmail.com)  
3153 Princess Road, Inverary ON, K0H 1X0

Cc: County of Frontenac, MOE, MNR, MMAH, Cataraqui Source Protection Committee, City of Kingston.

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<sup>2</sup> As outlined in the EPA section 1 and in PPS Section 2.2.1 Water Resources, and Section 2.2.2 Water Resources.

<sup>3</sup> As outlined in the Clean Water Act (2006) section 1.

<sup>4</sup> As specified in the EPA Section 2c.

<sup>5</sup> As outlined in the Planning Act Section 2. h), o), and p) and PPS Section 1.1.1 c).

Ministry of  
the Environment

Source Protection Programs  
Branch

14<sup>th</sup> Floor  
40 St. Clair Ave. West  
Toronto ON M4V 1M2

Ministère de  
l'Environnement

Direction des programmes de protection  
des sources

14<sup>e</sup> étage  
40, avenue St. Clair Ouest  
Toronto (Ontario) M4V 1M2



Log: ENV1174IT-2010-227

October 6, 2011

Mr. Robert Morrison  
Catarauqui Source Protection Area  
Source Protection Authority Chair  
Catarauqui Region CA  
Box 160, 1641 Perth Road  
Glenburnie, ON  
K0H 1S0

Mr. John Williamson  
Catarauqui Source Protection Area  
Source Protection Committee Chair  
4145 Holmes Road,  
R.R. #1  
Inverary, ON  
K0H 1X0

Thank you for the submission of your Amended Proposed Assessment Report (AR) for the Catarauqui Source Protection Area on June 27, 2011. I have completed my review of the Amended Proposed AR and in accordance with my authority under Section 17(3) (a) of the Clean Water Act (CWA) I hereby approve your Amended Proposed AR, as submitted.

I appreciate the efforts undertaken by the Catarauqui Source Protection Committee during the consultation periods for the Amended Proposed Assessment Report that go above and beyond the legislative requirements. Specifically, the extended periods of consultation for both the Proposed and Amended ARs, extensive notification of the public and stakeholders about the consultation periods, and additional municipal and public meetings. The upcoming consultations for the Source Protection Plan will benefit from your extra efforts.

As per section 20 of the CWA, the Source Protection Authority shall ensure that the approved assessment report is made available to the public as soon as reasonably possible on the Internet and in any other manner the Authority considers appropriate.

As per the CWA and General Regulation, your Source Protection Plan is due to be submitted to the Minister of the Environment on August 20, 2012, the fifth (5<sup>th</sup>) anniversary of the date that the chairs of the source protection committees were appointed.

In addition, at this time I would like to advise you that all final water quality and quantity AR data must be uploaded as follows:

Mr. Robert Morrison & Mr. John Williamson

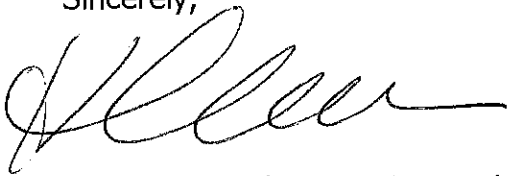
Page 2

- Final water **quality** data is to be uploaded to ARDB@CAMaps within four (4) months of the date on this letter; and
- Final water **quantity** data is to be uploaded to the Ministry of Natural Resources (MNR) data base within four (4) months of the date of this letter.

Should you wish to discuss the review or decision in detail please contact your Liaison Officer to arrange a meeting with ministry staff at the Source Protection Programs Branch.

Thank you for your work to protect Ontario's sources of drinking water.

Sincerely,



Heather Malcolmson, Director (A)  
Source Protection Programs Branch  
Ministry of the Environment

- c: Steve Knechtel, General Manager/Secretary Treasurer, Cataraqui Region  
Conservation Authority  
Rob McRae, Project Manager, Cataraqui Region SPA  
Keith Willson, Manager, Source Protection Approvals  
Katie Fairman, Manager (A), Source Protection Planning  
Wendy Lavender, Liaison Officer, Source Protection Implementation  
Melanie Ward, Group Leader, Source Protection Approvals  
Charley Worte, Conservation Ontario  
Mike Garraway, Ministry of Natural Resources



c/o County of Peterborough  
470 Water Street  
Peterborough, ON  
K9H 3M3

October 25<sup>th</sup>, 2011

The Honourable Jim Bradley  
Minister of the Environment  
25 Grosvenor Street, 18<sup>th</sup> Floor  
Toronto, ON M7A 1Y6

Dear Minister,

**RE: Financial Costs for Implementation of Drinking Water Source Protection**

At a recent meeting of the Eastern Ontario Wardens' Caucus Inc., a presentation was received pertaining to the ongoing process for development and implementation of Source Protection Plans. The presentation included a high level overview of the "range of policy approaches/tools" available for implementation and ongoing management (see excerpt attached).

The Wardens and Mayors that comprise the Eastern Ontario Wardens' Caucus are extremely concerned over the potential for significant municipal cost associated with both the initial implementation of Source Protection Plans and the longer term ongoing costs for such things as mandatory inspections, risk assessment officers, plan updates, etc.

Some of the EOWC member municipalities are of the view that any additional municipal cost will be considered as an unwanted download of Provincial responsibility and Provincial cost.

The EOWC encourages the Province to commit to full funding for the implementation of Source Protection Plans, and to announce such funding in advance of Plan submissions to the Minister in August of 2012.

Sincerely,

J. Murray Jones, Chair  
Eastern Ontario Wardens' Caucus

Encl:

# THE CATARAQUI SOURCE PROTECTION COMMITTEE

## REPORT

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To: Cataraqui Source Protection Committee

Files: SPP 4-0, 8

From: Rob McRae, Project Manager, Source Water Protection

Date: November 10, 2011

### **RE: STATUS OF PRE-CONSULTATION ON DRAFT SOURCE PROTECTION PLAN POLICIES**

This staff report provides information for the Cataraqui Source Protection Committee (“SP Committee”) about the ongoing pre-consultation on draft source protection plan policies. Our report for Item 9(c) provides additional information about the types of comments received and responses as proposed by staff.

#### Background

Ontario Regulation 287/07 under the *Clean Water Act, 2006* requires source protection committees to formally pre-consult on draft source protection plan policies with the parties that would be responsible for their implementation. Materials were shared by the SP Committee in June, September and October.

#### Comments Received To-Date

Comments have now been received as per the table below:

Pre-Consultation	PC1 – June	PC2 – September	PC3 – October
Comment request date	July 22	October 31	November 21
Materials shared	Brockville IPZ James W. King IPZ Sydenham IPZ Cana WHPA Lansdowne WHPA Miller Manor WHPA	A.L. Dafoe IPZ Bath IPZ Fairfield IPZ Kingston Central IPZ Point Pleasant IPZ Sandhurst Shores IPZ HVAs / SGRAs	Two additional draft policies for wellhead protection areas
Number of recipients	31	39	9
Comments received to-date	14	9	2
Response percentage to-date	45%	23%	22%

The response rate is lower than expected; however, staff have issued reminder notices and are aware that additional letters will be received throughout November 2011. We recommend that all forthcoming comments be considered at your upcoming meetings, whether or not they were received on or before the request date. Unfortunately, the lack of response from some parties means that the SP Committee may not be aware of their opinions prior to consulting on its draft plan.

Staff have assembled all of the written comments and have provided them for your review in PDF format (on members' USB keys). The comments have been saved in the order they were received, and the file name indicates the subject matter that is discussed (i.e. "PC1", "PC2" or "PC3").

We have also prepared a summary by organization (attached) that lists whether or not:

- Comments have been provided in any one of the pre-consultation periods;
- Those comments were generally supportive of the intent behind the draft policies; and
- There were concerns raised about implementation costs / the need for provincial funding.

The themes raised in the comments are consistent with those brought to your attention in September. There is a high level of support for the intent of the draft policies, and widespread concern about the level of effort and cost.

#### Level-of-Effort Series

As discussed at your September meeting, staff prepared a series of six level-of-effort documents for the information of local municipalities and others. Our intent was to clarify the extent of action that would likely be needed to implement the draft policies on a given topic (e.g. municipal operations) would require action. Following suggestions from the SP Committee and others, a set of "Version 2" documents was distributed in mid-October. The series has been well-received as a helpful tool. Further improvements should be made in winter 2012.

#### Policy Forum Events in September and October

The SP Committee hosted a successful forum for municipal officials and staff on September 28<sup>th</sup> in Kingston. Chair John Williamson, John Conley, Mayor Gary Davison, Richard Lindgren, Allan McPhail and Kim Sytsma represented the SP Committee and welcomed about 40 participants from across the area. Ten of the 12 lower-tier and separated municipalities were represented. There was a good discussion about the draft policies and implementation efforts/costs, and almost 30 questions were addressed during the half-day event.

The Cataraqui also co-hosted a full-day forum for public health unit and provincial staff on October 18<sup>th</sup> in Kingston. For this event we collaborated with the neighbouring source protection regions in eastern Ontario. Chair Janet Stavinga of the Mississippi-Rideau Source Protection Region welcomed almost 50 participants to the day. They travelled across Ontario to attend, and they represented four public health units and five Ministries (Agriculture, Food and Rural Affairs, Consumer Services, Environment, Municipal Affairs and Housing, and Natural Resources). The discussion at this event focused on the role of those organizations in implementing the policies being developed across eastern Ontario.

### Cataraqui Source Protection Authority Meeting – Implementation Roles

The Cataraqui Source Protection Authority (SP Authority) met in late October to again discuss its roles in implementing the source protection plan. The focus of the meeting was on the three ‘discretionary’ roles (education, stewardship, risk management office) that were raised in correspondence to the SP Authority from SP Committee Chair John Williamson. Staff asked whether or not there was support for the intent of the policies/roles, and we brought forward some early cost estimates for discussion.

The SP Authority reiterated its concern with the overall cost to municipalities, and stressed that the Province must provide funding. Municipal property tax, drinking water customer surcharges and application fees were not seen as being appropriate sources of revenue, while Federal “gas tax” funds were suggested as an option.

The members decided that the SP Authority would, in principle, undertake area-wide roles related to education and outreach, stewardship and a risk management office, “subject to the identification of adequate provincial funding”. The latter role would be considered by the SP Authority at the request of municipalities in which Part IV of the *Act* applies.

### Moving Forward to Plan Assembly

The Cataraqui has met all of the regulatory requirements for pre-consultation, is in position to consider the comments received, and should now proceed to assemble a draft source protection plan. The sum of voices heard through the written comments, forum events and other dialogue suggests that the SP Committee has proposed appropriate and effective policy ideas. The level-of-effort work demonstrated that they can be implemented in a relatively affordable manner, if sources of revenue are identified.

Staff look forward to meeting with you again on November 17<sup>th</sup>.

Respectfully submitted,

*(original signed by)*

Rob McRae MCIP, RPP  
Project Manager, Source Water Protection

#### Attachments:

- 1) List of Pre-Consultation Comments Received To-date, Cataraqui Source Protection Area, dated November 10, 2011
- 2) Pre-Consultation Comment letters (saved as PDF files on USB data sticks)



Category	Recipient	USB #	Comments Received?		General Support for Policy Ideas?			Concerns Raised About Cost / Funding?	Other Dialogue
			Y	N	Y	N	Mixed		
Municipalities	Rideau Lakes								
	South Frontenac	8					✓		
Public Health Units	KFL&A Public Health	5							
	Leeds, Grenville & Lanark District Health Unit	4						Meeting Aug 17	
Other	Cataraqui Source Protection Authority	n/a					✓	Meeting Oct 26	
	Mississippi-Rideau SP Region								
	Ontario Rural Wastewater Centre								
	Quinte SP Region								
	Raisin-South Nation SP Region								
	Well Aware	15							
Industry Associations	Canadian Oil Heat Association – Ontario								
	Ontario Good Roads Association								
	Ontario Groundwater Association								
	Salt Institute								
Interested Residents	Ray West	16					✓		

THE CATARAQUI SOURCE PROTECTION COMMITTEE  
REPORT

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To: Cataraqui Source Protection Committee

Date: November 10, 2011

From: Christine Woods, Source Protection Planner

Files: SPP 4-0, 8

**RE: COMPARISON OF DRAFT SOURCE PROTECTION PLAN POLICIES  
EASTERN ONTARIO SOURCE PROTECTION AREAS/REGIONS**

This report has been prepared for the information of the Cataraqui Source Protection Committee (SP Committee). It compares the draft policies proposed for pre-consultation by the Cataraqui with those from other source protection regions in eastern Ontario and elsewhere.

*Background*

Source protection is intended to be a locally-led process with the potential for outcomes to vary between the 19 watershed-based areas and regions across Ontario. As part of the process it is useful to compare draft policies and to assess: (1) the level of consistency in approach within shared municipalities, and (2) the potential for implementation activities to be undertaken at provincial and/or regional scales.

The report considers the draft policies from the Mississippi-Rideau, Quinte, and Trent Conservation Coalition regions. Materials are not yet available from the Raisin-South Nation Source Protection Region.

Staff specifically examined the draft policies being proposed by the Mississippi-Rideau Source Protection Region for the Westport Wellhead Protection Area, since it extends into the Cataraqui. We learned that none of the draft policies would apply in the Cataraqui portion of that Wellhead Protection Area.

*General Comparison*

All three of the subject regions have focused their efforts on addressing significant drinking water threats around municipal water sources. This is due to the relatively high number of such threats in their jurisdictions, and the time constraint imposed by the August 2012 due date for submission of proposed source protection plans.

In contrast to our area, the adjacent Mississippi-Rideau and Quinte regions have proposed relatively few policies that would serve to protect regional groundwater sources (i.e. highly vulnerable aquifers, significant groundwater recharge areas).

The Mississippi-Rideau and Trent propose to use a combination of Part IV powers (prohibition and risk management plans), land use planning and prescribed instruments to address significant drinking water threats. The Quinte proposes a strong focus on Part IV powers.

In general, these three regions propose to prohibit and manage the same types of activities as the Cataraqui. These include: the application and storage of agricultural source material, non-agricultural source material, commercial fertilizer and pesticides; outdoor confinement of livestock; storage of fuel, organic solvents, and dense non-aqueous phase liquids; application and storage of road salt; snow storage; and the management of aircraft de-icing chemicals.

All of the source protection regions propose to complement their prohibition and management policies with education and outreach programs. The municipalities in those regions are generally identified as the implementing bodies, compared to the Cataraqui area where the Source Protection Authority is identified as the lead for facilitating cooperation among local and provincial partners.

Based on the above comparison, it appears that shared municipalities such as the United Counties of Leeds and Grenville will experience a reasonable level of consistency between the approaches being advanced by source protection areas/regions for municipal water sources.

The Town of Greater Napanee will note some differences in the approach to the A.L. Dafoe (main) and Sandhurst Shores Intake Protection Zones on Lake Ontario (Cataraqui) and the A.L. Dafoe (back-up) Intake Protection Zone (Quinte) on the Napanee River. This is due to the differences in the parameters for assessment and planning between Great Lake and riverine protection zones (i.e. significant drinking water threats cannot occur in the IPZ for the main intake, but they can occur in the IPZ for the back-up intake).

Municipalities that are shared between the Cataraqui and other region(s) will need to consider how to address the discrepancy in the extent of policies for regional groundwater sources. When a given lower-tier municipality “has regard for” the Cataraqui land use planning policies, it may elect to do so across its entire jurisdiction, rather than having different “rules” in each watershed. A similar approach may be used for where the municipality opts to implement other strategic-action policies from the Cataraqui plan.

It appears that there may be opportunities for eastern Ontario source protection areas/regions to work together on implementation, notably on materials and content related to education and outreach programs.

#### *Other Eastern Ontario Policy Ideas*

The regions have developed policy ideas that may be of interest to the SP Committee. They include:

1. Establishing a sanitary sewer maintenance program. A similar policy is proposed in the Cataraqui area.
2. Municipalities offering the Smart About Salt program to facility managers and private contractors that apply road salt.

3. Establishing a region-wide education and outreach program aimed to i promote water conservation. This policy is not based on specific water quantity threats as defined by the Ministry of the Environment, but is considered an important aspect of education and outreach on regional groundwater.
4. Ensuring that renewal of existing and new permits to take water give consideration to impact on municipal drinking water supplies. This policy is also not based on specific water quantity threats as defined by the Ministry of the Environment.

The SP Committee may wish to consider adding some of the above policies as it prepares a draft source protection plan.

*Policy Comparison across Ontario*

We have also considered the policy approach in the broader context of Ontario. The eastern Ontario approach to rely heavily on Part IV powers, prescribed instruments, land use planning, and education and outreach is consistent with the thinking in other parts of the province. Our understanding is based primarily on a Conservation Ontario assessment from October 2011 (shared with the SP Committee under separate cover).

Additional opportunities for staff to compare draft policies across eastern Ontario, and across the province, are anticipated over the next two months. We will share further insights with the SP Committee as they become available.

Respectfully submitted,

*(original signed by)*

Christine Woods MCIP, RPP  
Source Protection Planner

Approved for circulation \_\_\_\_\_RM\_\_\_\_\_

# THE CATARAQUI SOURCE PROTECTION COMMITTEE

## REPORT

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To: Cataraqui Source Protection Committee

Date: November 10, 2011

From: Christine Woods, Source Protection Planner  
Holly Evans, Water Quality Specialist

Files: SPP 4-0, 8

**RE: DRAFT POLICIES FOR THE SOURCE PROTECTION PLAN  
PROPOSED RESPONSES TO PRE-CONSULTATION  
COMMENTS AND SUGGESTIONS**

This report has been prepared for the information of the Cataraqui Source Protection Committee (SP Committee). It describes the proposed responses (i.e. policy revisions) generated by staff to the pre-consultation comments and suggestions received to-date from implementing bodies and from our policy advisor, French Planning Services Inc. A decision (resolution) by the SP Committee covering all of these responses will be recommended at your December meeting.

### *Types of Comments*

A majority of the comments received were constructive, and we believe that they will result in a stronger source protection plan. The following types of comments had a significant impact on the proposed responses.

1. A draft policy may not be effective, appropriate and/or affordable to implement.
2. The language used to meet the *Clean Water Act* requirements is difficult to understand.
3. Municipalities have indicated that strategic action policies will only be implemented if there is funding and other resources available to do so.

### *Response Categories*

The resulting proposed policy revisions fall into four categories based on the comments received. The categories are listed in order of priority for discussion, with the percentage of policies affected):

1. Policy should be deleted, or the intent should change (32%).
2. Policy requires major wording changes while maintaining its original intent (15%).
3. Policy requires minor revisions (38%).
4. Policy does not require change or waiting for comments before revision (15%).

*Proposed Responses*

The attached table presents:

- the original area-wide, intake protection zone and wellhead protection area draft policies as shared for pre-consultation in June and September;
- the proposed policy revisions; and
- the reason for the revisions including a summary of comments received.

(Note: the highly vulnerable aquifer and significant groundwater recharge areas will be presented on November 23<sup>rd</sup> since few related comments have been received to date).

For the purpose of this exercise, policies have been combined where similarities exist. Please note that where a specific implementing body, such as a municipality, is identified in the policy it is an example only. The proposed revision would apply to all of the applicable vulnerable areas as identified in the first column by their policy reference numbers.

Due to the volume of material we suggest that the SP Committee prioritize its November 17<sup>th</sup> discussion of the proposed responses beginning with the first two categories identified above and marked with a “★” in the first column of the table.

Discussion of the proposed revisions would continue at the Joint Working Group meeting on November 23<sup>rd</sup> including material relating to the highly vulnerable aquifers and significant groundwater recharge areas. As noted above, the outcome of all discussions could be recorded via a resolution at your December meeting.

Please read the priority policies before the meeting, and bring them with you for the discussion.

Respectfully submitted,

*(original signed by)*

Christine Woods MCIP, RPP  
Source Protection Planner

*(original signed by)*

Holly Evans  
Water Quality Specialist

Attachment: Draft Policies for Pre-consultation: Summary of Comments Received and Proposed Policy Revisions (November 10, 2011)

Approved for circulation \_\_\_\_\_ RM \_\_\_\_\_