



CTC Source Protection Region

INDEX TO SOURCE PROTECTION COMMITTEE MEETING #8/11 Tuesday, October 25, 2011

Minutes

Minutes of Meeting #7/11 held on September 27, 2011 1869

Correspondence

Letter to Susan Self, Chair CTC SPC, dated October 6, 2011, regarding: Saugeen, Grey Sauble, Northern Bruce Peninsula Source Protection Committee's resolutions regarding Nutrient Management Act and Environmental Farm Plan Program, from Deputy Minister John Burke, Ontario Ministry of Agriculture, Food and Rural Affairs. 1871

Letter to Beverley Thorpe, Project Manager CTC SPC, dated October 13, 2011, regarding Salt Institute comments on Application, Handling and Storage of Road Salt and the Storage of Salt, from Mortin Satin, Vice President Science and Research Salt Institute. 1872

Email to Morin Satin, Vice President Science and Research Salt Institute, dated October 18, 2011 regarding Salt Institute comments on Application, Handling and Storage of Road Salt and the Storage of Salt, from Thorpe, Project Manager CTC SPC. 1873

Letter to Carol Reid Regional Clerk, Regional Municipality of Peel, dated October 7, 2011, regarding *Notification of Designation of Implementation of Source Protection Plan Policies Pursuant to the Clean Water Act, 2006 (the Act) and Ontario Regulation 287/07, for the attention of Council, Deadline for Comment – December 31, 2011, including Attach 1 Explanatory Document, Attach 2 customized map(s), Attach 3 customized list(s) of policies specific to the implementer, for Groundwater Quality and Groundwater policies*, from Susan Self, Chair CTC SPC. 1874

NOTE: the same letter and Attach 1, as seen in Correspondence 4.3 was sent to the municipalities listed below with customized map(s) and customized list(s) of policies specific to that implementer:

City of Mississauga, City of Brampton, Town of Caledon;
Town of Oakville;
Regional Municipality of York, Town of Richmond Hill, Town of Aurora, City of Vaughan, City of Markham, Town of Whitchurch-Stouffville, Township of King;
Regional Municipality of Durham, City of Pickering, Town of Whitby, City of Oshawa, Municipality of Clarington, Township of Scugog, Town of Ajax, Township of Uxbridge;
Simcoe County, Township of Adjala-Tosorontio;
Wellington County, Town of Erin;
Town of Mono, Town of Orangeville, Township of Amaranth, Township of East-Garafraxa.

Letter to Pamela Hillock, County Clerk, County of Dufferin, dated October 7, 2011, *Notification of Designation of Implementation of Source Protection Plan Policies Pursuant to the Clean Water Act, 2006* (the Act) and Ontario Regulation 287/07, for the attention of Council, Deadline for Comment – December 31, 2011, *including Attach 1 Explanatory Document, Attach 2 customized map(s), Attach 3 customized list(s) of policies specific to the implementer, for Groundwater Quality and Groundwater Quantity policies, from Susan Self, Chair CTC Source Protection.* 1876

Letter to Susan Lathan, Regional Clerk, Regional Municipality of Halton, dated October , 2011, *Notification of Designation of Implementation of Source Protection Plan Policies Pursuant to the Clean Water Act, 2006* (the Act) and Ontario Regulation 287/07, for the attention of Council, Deadline for Comment – December 31, 2011, *including Attach 1 Explanatory Document, Attach 2 customized map(s), Attach 3 customized list(s) of policies specific to the implementer, for Groundwater Quality and Groundwater Quantity policies, from Susan Self, Chair CTC SPC.* 1878

Letter to Susan Jones, Town Clerk, Town of Halton Hills, dated October , 2011, *Notification of Designation of Implementation of Source Protection Plan Policies Pursuant to the Clean Water Act, 2006* (the Act) and Ontario Regulation 287/07, for the attention of Council, Deadline for Comment – December 31, 2011, *including Attach 1 Explanatory Document, Attach 2 customized map(s), Attach 3 customized list(s) of policies specific to the implementer, for Groundwater Quality and Groundwater Quantity policies, from Susan Self, Chair CTC SPC.* 1880

Presentation

Presentation from Nicola Crawhall, Deputy Director, Great Lakes and St. Lawrence Cities Initiative entitled Stormwater Management in the Great Lakes and St. Lawrence Basin.

Reports

Draft Policies for Lake Ontario Drinking Water Quality Threats. 1882

Update on Pre-Consultation with Implementing Bodies 1897



CTC Source Protection Region

MEETING OF THE SOURCE PROTECTION COMMITTEE #8/11 October 25, 2011

The Source Protection Committee Meeting #8/11, was held at Black Creek Pioneer Village, North Theatre, on Tuesday, October 25, 2011. The Chair Susan Self, called the meeting to order at 10:00 a.m.

PRESENT

Andrea Bourrie	Member
Doug Brown	Member
Wendy Burgess	Member
Bob Burnside	Member
Michael D'Andrea	Member
Michael Garrett	Member
Jessica Ginsburg	Member
Irv Harrell	Member
David Kentner	
Heather Laidlaw	Member
Peter Miasek	Member
Lynne Moore	Member
Fred Ruf	Member
Mark Schiller	Member
Susan Self	Chair
John Westlake	Liaison, Ministry of the Environment

Proxy given

Juli Abouchar	Member
Louise Foster	Member
Laura McDowell	Member
John Presta	Member

Absent

Peter Orphanos	Member
Robert Goodings	Member
Norine Schofield	Liaison, Medical Officer of Health

Guest

Nicola Crawhall, Deputy Director, Great Lakes and St. Lawrence Cities Initiative

STAFF

Beverley Thorpe
Andrea Dube-Goss
Sylvia Waters
Kathy Padgett
David Burnett
Chris Darling
Richard Clarke
Kate Kusiak
Don Ford
Kerry Mulchansingh
John McIntosh
Jane Bonsteel

Project Manager, CTC Source Water Protection
Project Supervisor, CTC Source Water Protection
CTC Admin. Coord., CTC Source Water Protection
Planner I - Policy and Special Projects, TRCA
Planning & Development, TRCA
Planning, CLOSPA
Planning, CVSPA
Communications Coordinator, CTC Source Water Protection
Technical Lead, TRSPA
Technical Lead, CVSPA

SECTION II - ITEMS FOR COMMITTEE ACTION

RES.#281/11 MINUTES

Moved by: David Kentner
Seconded by: Lynne Moore

THAT the Minutes of Meeting #7/11, held on September 27, 2011, be approved.

CARRIED

RES.#282/11 CORRESPONDENCE

- A. Letter to Susan Self, Chair CTC SPC, dated October 6, 2011, regarding: Saugeen, Grey Sauble, Northern Bruce Peninsula Source Protection Committee's resolutions regarding Nutrient Management Act and Environmental Farm Plan Program, from Deputy Minister John Burke, Ontario Ministry of Agriculture, Food and Rural Affairs.
- B. Letter to Beverley Thorpe, Project Manager CTC SPC, dated October 13, 2011, regarding Salt Institute comments on Application, Handling and Storage of Road Salt and the Storage of Salt, from Mortin Satin, Vice President Science and Research Salt Institute.
- C. Email to Morin Satin, Vice President Science and Research Salt Institute, dated October 18, 2011 regarding Salt Institute comments on Application, Handling and Storage of Road Salt and the Storage of Salt, from Thorpe, Project Manager CTC SPC.
- D. Letter to Carol Reid Regional Clerk, Regional Municipality of Peel, dated October 7, 2011, regarding *Notification of Designation of Implementation of Source Protection Plan Policies Pursuant to the Clean Water Act, 2006* (the Act) and Ontario Regulation 287/07, for the attention of Council, Deadline for Comment – December 31, 2011, *including Attach 1 Explanatory Document, Attach 2 customized map(s), Attach 3 customized list(s) of policies specific to the implementer, for Groundwater Quality and Groundwater policies*, from Susan Self, Chair CTC SPC.

NOTE: the same letter and Attach 1, as seen in Correspondence 4.3 was sent to the municipalities listed below with customized map(s) and customized list(s) of policies specific to that implementer:

City of Mississauga, City of Brampton, Town of Caledon;
Town of Oakville;
Regional Municipality of York, Town of Richmond Hill, Town of Aurora, City of Vaughan, City of Markham, Town of Whitchurch-Stouffville, Township of King;
Regional Municipality of Durham, City of Pickering, Town of Whitby, City of Oshawa,
Municipality of Clarington, Township of Scugog, Town of Ajax, Township of Uxbridge;
Simcoe County, Township of Adjala-Tosorontio;

Wellington County, Town of Erin;
Town of Mono, Town of Orangeville, Township of Amaranth, Township of
East-Garafraxa.

- E. Letter to Pamela Hillock, County Clerk, County of Dufferin, dated October 7, 2011, *Notification of Designation of Implementation of Source Protection Plan Policies Pursuant to the Clean Water Act, 2006 (the Act) and Ontario Regulation 287/07, for the attention of Council, Deadline for Comment – December 31, 2011, including Attach 1 Explanatory Document, Attach 2 customized map(s), Attach 3 customized list(s) of policies specific to the implementer, for Groundwater Quality and Groundwater Quantity policies, from Susan Self, Chair CTC Source Protection.*
- F. Letter to Susan Lathan, Regional Clerk, Regional Municipality of Halton, dated October 6, 2011, *Notification of Designation of Implementation of Source Protection Plan Policies Pursuant to the Clean Water Act, 2006 (the Act) and Ontario Regulation 287/07, for the attention of Council, Deadline for Comment – December 31, 2011, including Attach 1 Explanatory Document, Attach 2 customized map(s), Attach 3 customized list(s) of policies specific to the implementer, for Groundwater Quality and Groundwater Quantity policies, from Susan Self, Chair CTC SPC.*
- G. Letter to Susan Jones, Town Clerk, Town of Halton Hills, dated October 6, 2011, *Notification of Designation of Implementation of Source Protection Plan Policies Pursuant to the Clean Water Act, 2006 (the Act) and Ontario Regulation 287/07, for the attention of Council, Deadline for Comment – December 31, 2011, including Attach 1 Explanatory Document, Attach 2 customized map(s), Attach 3 customized list(s) of policies specific to the implementer, for Groundwater Quality and Groundwater Quantity policies, from Susan Self, Chair CTC SPC.*

Moved by: Irv Harrell
Seconded by: Bob Burnside

THAT the above noted correspondence be received.

CARRIED

CORRESPONDENCE 4.1

Ministry of Agriculture,
Food and Rural Affairs

Ministère de l'Agriculture,
de l'Alimentation et
des Affaires rurales



Office of the Deputy Minister

77 Grenville Street, 11th Floor
Toronto, Ontario M7A 1B3
Tel: 416 326-3101
Fax: 416 326-3106

Bureau du sous-ministre

77, rue Grenville, 11^e étage
Toronto (Ontario) M7A 1B3
Tél.: 416 326-3101
Télec.: 416 326-3106

OCT 06 2011

Ms. Susan Self
Chair
CTC Source Protection Committee
5 Shoreham Drive
Downsview, Ontario
M3N 1S4

Dear Ms. Self:

Thank you for your letter to the Honourable Carol Mitchell, Minister of Agriculture, Food and Rural Affairs. I am pleased to respond on her behalf.

I appreciate receiving the committee's recommendations concerning agricultural activities and source water protection. I have forwarded your letter to the appropriate ministry staff for their information.

The Ministry of Agriculture, Food and Rural Affairs and the Ministry of the Environment have received recommendations from several of the source protection committees on this issue.

I will bring your recommendations to the attention of the Minister of Agriculture, Food and Rural Affairs after the Ontario general election on October 6, 2011. You may also wish to consider resubmitting your recommendations following the announcement of a new cabinet later this fall.

Thank you, once again, for writing.

Sincerely,

John Burke
Deputy Minister

Ministry Headquarters: 1 Stone Road West, Guelph, Ontario N1G 4Y2
Bureau principal du ministère: 1 Stone Road West, Guelph (Ontario) N1G 4Y2

Good Things Grow in Ontario
À bonne terre, bons produits



CORRESPONDENCE 4.2



October 13, 2011

Ms Beverley Thorpe
Source Water Protection Committee Chair
CTC
Email: brthorpe@trca.on.ca bevthorpe@sympatico.ca

Dear Ms Thorpe:

The Salt Institute would like to comment upon the Source Protection initiatives related to the Application, Handling and Storage of Road Salt, and the Storage of Snow.

Road salt is the primary element used in North America and elsewhere around the world that permits residents in northern climates to enjoy the same degree of safety, mobility and economic activity in winter as they do in summer. However, managing this resource properly is essential to minimize negative environmental impacts.

It has been our experience that comprehensive and independent scientific research is the most effective means of developing the necessary data upon which to base road salt management strategies and decisions. Without access to such data, decisions on road salt management may end up being based on diverse opinions, which seldom leads to workable long term solutions. That is the reason why the Salt Institute has supported significant independent research in Ontario universities over the years. Indeed, a comprehensive 3- year research project at the University of Waterloo conclusively demonstrated the environmental benefits of using the best practices in road salt management developed by Environment Canada.

When the Salt Institute was approached by Ontario Ministry of the Environment to review and comment on the catalogue of risk management measures that was assembled by the Drinking Water Management Division of the Ontario Ministry of the Environment, we took the task seriously and contacted several resources in various State Departments of Transport, as well as members of the Transportation Association of Canada in order to provide a comprehensive, inclusive review of all the elements in the catalogue.

We are aware that the 19 Source Water Protection Committees are in the process of drafting the policies prior that will result in the Source Protection Plans. The Salt Institute would like to assist this process in any way we can and would be pleased to review and provide comments to any draft policies being formulated. In doing so, we will have the opportunity to apprise you of the latest work that continues to be carried out at the University of Waterloo and Guelph University.

I look forward to hearing from you.

Sincerely,



Morton Satin
Vice President, Science and Research
Salt Institute

700 NORTH FAIRFAX STREET · FAIRFAX PLAZA, SUITE 600 · ALEXANDRIA, VA 22314-2040
703/549-4648 · FAX: 703/548-2194 · email: morton@saltinstitute.org

CORRESPONDENCE 4.3



Beverley Thorpe/MTRCA
10/18/2011 01:36 PM

To morton@saltinstitute.org
cc [Sylvia Waters/MTRCA@MTRCA](mailto:Sylvia.Waters/MTRCA@MTRCA), [Andrea Dube-Goss/TRCA@MTRCA](mailto:Andrea.Dube-Goss/TRCA@MTRCA), [Kate Kusialk/TRCA@MTRCA](mailto:Kate.Kusialk/TRCA@MTRCA)
bcc
Subject Reply your email re: Source Water Protection

Dear Mr.Satin:

I wish to acknowledge receipt of your letter sent via email on Oct. 13, 2011 as noted below. Your letter is being brought to the attention of our CTC Source Protection Committee. I have asked staff to add you to our stakeholder contact list so that you will be notified when our policies are available for public comment and look forward to your response. I believe you will find that the policy approach which our committee is proposing uses a science-based approach which recognizes the need to balance protection of drinking water with the public safety issues related to the ice and snow hazards.

Please note that the email address to send future correspondence to my attention is bthorpe@trca.on.ca. Thank you.

Beverley Thorpe

Beverley Thorpe | Project Manager, CTC Source Water Protection Region | [Toronto and Region Conservation](#) | 5 Shoreham Dr. | Toronto, ON | M3N 1S4 | Phone 416.661.6600 ext. 5577 | Fax 416.667.6274 | Cell 416-844-3875 | bthorpe@trca.on.ca | www.ctcswp.ca |

CORRESPONDENCE 4.4



October 7, 2011

CAROL REID, REGIONAL CLERK
REGIONAL MUNICIPALITY OF PEEL
10 PEEL CENTRE DRIVE, 5TH FLOOR
BRAMPTON, ON L6T 4B9

Dear Carol Reid,

FOR THE ATTENTION OF COUNCIL
Deadline for Comment – December 31, 2011
Notification of Designation of Implementation of Source Protection Plan Policies
Pursuant to the Clean Water Act, 2006 (the Act) and Ontario Regulation 287/07

Municipalities located in a source protection area designated to implement Source Protection Plan policies must be notified of the opportunity to make comment on the draft wording of the policies prior to the proposed draft of the Source Protection Plan being released to the public for consultation. Peel Region and its lower tiers have been designated to implement certain Source Protection Plan policies by the Credit Valley, Toronto and Region, and Central Lake Ontario (CTC) Source Protection Committee (SPC).

Background

The Ontario *Clean Water Act, 2006* and the associated Regulations have prompted the formation of the CTC Source Protection Committee. The mandate of this Committee is to develop a science-based Source Protection Plan for each Source Protection Area to ensure the protection of existing and future municipal drinking water sources. The Peel Region's representative on the committee is Mark Schiller, Director, Water Division, Region of Peel.

The first task of the Source Protection Committee was to develop its own **Terms of Reference (TOR)** for each of the three Source Protection Areas within the CTC Source Protection Region. The Terms of Reference outlined all the steps to be taken to develop and implement a Source Protection Plan. The TORs for each of the Toronto and Region, Credit Valley and Central Lake Ontario Source Protection Areas of the CTC Source Protection Region were approved by the Ministry of the Environment on August 17, 2009.

The second step in the process was to develop an **Assessment Report (AR)** for each Source Protection Area in the CTC Source Protection Region. The Assessment Reports identify vulnerable areas where municipal drinking water sources might face a risk of contamination or depletion and identifies drinking water threat activities within those vulnerable areas. After two rounds of public consultation an Assessment Report was submitted in August 2010 for the Central Lake Ontario Source Protection Area and in December 2010 for the other two areas. Updated Assessment Reports for each Source Protection Area in the CTC Source Protection Region were submitted on July 29, 2011 to the Ministry of the Environment following further public consultation.

The Source Protection Plan

Under the *Clean Water Act, 2006*, the CTC Source Protection Committee must develop policies which address significant drinking water threats as identified in the Source Protection Plan. The Source Protection Committee may designate municipalities to implement some of the policies in the Source Protection Plan.

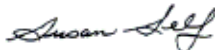
Please find enclosed an explanatory document, maps showing where the policies apply and the draft policies which the Peel Region would be required to implement. The explanatory information provides background to the Source Protection Plan as well as the rationale for the SPC's selected policies. This notice is also being sent to your municipal staff contacts who have been involved in the development of these policies as noted below. Your staff may be preparing reports for your council on this. If your staff wants an electronic copy of the attached material, more detailed explanation or further information, please have them contact the CTC staff noted below. You may make comments on these drafts policies which should be submitted to my attention. There is no requirement under the *Clean Water Act, 2006* for municipal councils to endorse these draft policies or make comment.

In order for us to jointly hear your feedback, a workshop is being organized with ourselves and the adjacent source protection regions. This is an opportunity for your designated municipal representatives (staff or elected officials) to discuss, in one venue, your comments on all the draft policies with representatives of Source Protection Committees within your municipalities. The workshop for Peel Region will be held on November 30, 2011. If you have interest in attending this session, or require more information, please contact Kate Kusiak, Communications Coordinator, CTC Source Protection Region at 416-661-6600, extension 5568 or by email at kkusiak@trca.on.ca.

Should you or your council require further information please discuss your needs with your municipal representative, Mark Schiller (905-791-7800 extension 4394), or Beverley Thorpe, CTC Project Manager (416-661-6600 extension 5577) and we will be pleased to provide the necessary information. If your council would like further information, a presentation or a discussion with staff or councillors, please let Mark Schiller or our staff know.

The Committee will consider carefully any comments your municipality makes. Comments should be sent to me by December 31, 2011 at 70 Canuck Ave, Toronto, ON M3K 2C5, by fax at 416-667-6278 or by email to sourcewater@trca.on.ca. Your municipality will have two additional opportunities to formally provide your opinion on Source Protection plan policies before the plan is submitted to the Minister of the Environment for approval in August 2012. Thank you for your consideration of the foregoing as we all share in the important work to protect our current and future sources of drinking water.

Yours truly,



Susan Self,
Chair, CTC Source Protection Committee

cc: Mark Schiller, Director, Water Division, Region of Peel, CTC Source Protection Committee
Jane Bonsteel, Water Division
Syeda Banuri, Water Division
Mark Head, Principal Planner
Beverley Thorpe, CTC Project Manager

Attachment package copied to clerk only

CORRESPONDENCE 4.5



October 7, 2011

PAM HILLOCK, COUNTY CLERK
COUNTY OF DUFFERIN
51 ZINA STREET
ORANGEVILLE, ON L9W 1E5

Dear Pam Hillock,

FOR THE INFORMATION OF COUNCIL
Notification of Designation of Implementation of Source Protection Plan Policies
Pursuant to the *Clean Water Act, 2006* (the Act) and Ontario Regulation 287/07

Municipalities located in a source protection area designated to implement Source Protection Plan policies must be notified of the opportunity to make comment on the draft wording of the policies prior to the proposed draft of the Source Protection Plan being released to the public for consultation. It is our understanding that the County of Dufferin does not exercise any responsibilities under the *Planning Act* and it is the lower tier municipalities' responsibilities to carry out planning and the provision of municipal water services. Would you please confirm that our information regarding the role of your county is correct as we have not designated the County of Dufferin to implement policies based on this understanding?

We wish to bring to your attention that the Townships of Amaranth and East Garafraxa and the Towns of Orangeville and Mono have been designated to implement certain Source Protection Plan policies by the Credit Valley, Toronto and Region, and Central Lake Ontario (CTC) Source Protection Committee (SPC).

Background

The Ontario *Clean Water Act, 2006* and the associated Regulations have prompted the formation of the CTC Source Protection Committee. The mandate of this Committee is to develop a science-based Source Protection Plan for each Source Protection Area to ensure the protection of existing and future municipal drinking water sources. The CTC SPC representative on the committee for the municipalities named above is Bob Burnside.

The first task of the Source Protection Committee was to develop its own **Terms of Reference (TOR)** for each of the three Source Protection Areas within the CTC Source Protection Region. The Terms of Reference outlined all the steps to be taken to develop and implement a Source Protection Plan. The TORs for each of the Toronto and Region, Credit Valley and Central Lake Ontario Source Protection Areas of the CTC Source Protection Region were approved by the Ministry of the Environment on August 17, 2009.

The second step in the process was to develop an **Assessment Report (AR)** for each Source Protection Area in the CTC Source Protection Region. The Assessment Reports identify vulnerable areas where municipal drinking water sources might face a risk of contamination or depletion and identifies drinking water threat activities within those vulnerable areas. After two rounds of public consultation an Assessment Report was submitted in August 2010 for the Central Lake Ontario Source Protection Area and in December 2010 for the other two areas. Updated Assessment Reports for each Source Protection Area in the CTC Source Protection Region were submitted on July 29, 2011 to the Ministry of the Environment following further public consultation.

The Source Protection Plan

Under the *Clean Water Act, 2006*, the CTC Source Protection Committee must develop policies which address significant drinking water threats as identified in the Source Protection Plan. The Source Protection Committee may designate municipalities to implement some of the policies in the Source Protection Plan.

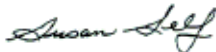
Your lower tier municipalities have received an explanatory document, maps showing where the policies apply and the draft policies which they would be required to implement. The explanatory information provides background to the Source Protection Plan as well as the rationale for the SPC's selected policies. If your staff wants an electronic copy of the material, more detailed explanation or further information, please have them contact the CTC staff noted below.

In order for us to jointly hear feedback from affected municipalities a workshop is being organized with ourselves and the adjacent source protection regions. The workshop for the lower tier municipalities in the County of Dufferin will be held December 6, 2011. Should the County of Dufferin wish to send a representative, please contact Kate Kusiak, Communications Coordinator, CTC Source Protection Region (416-661-6600 extension 5568, kkusiak@trca.on.ca) within two weeks and she will provide more details on the agenda and location.

Should you require further information please discuss your needs with your municipal representative, Bob Burnside (business 519-941-5331), or Beverley Thorpe, CTC Project Manager (416-661-6600 extension 5577) and we will be pleased to provide the necessary information.

The Committee will consider carefully any written comments received by December 31, 2011. They can be sent to me at 70 Canuck Ave, Toronto, ON M3K 2C5, by fax at 416-667-6278 or by email to sourcewater@trca.on.ca. There will be two public consultation periods starting in the spring of 2012 to formally provide comments on Source Protection plan policies before the plan is submitted to the Minister of the Environment for approval in August 2012. Thank you for your consideration of the foregoing as we all share in the important work to protect our current and future sources of drinking water.

Yours truly,



Susan Self,
Chair, CTC Source Protection Committee

cc: Bob Burnside, CTC Source Protection Committee
Beverley Thorpe, CTC Project Manager

Attachment package copied to clerk only

CORRESPONDENCE 4.6



CTC SOURCE
PROTECTION
REGION



CTC SOURCE PROTECTION COMMITTEE

October 7, 2011

SUSAN LATHAN, REGIONAL CLERK
REGIONAL MUNICIPALITY OF HALTON
1151 BRONTE ROAD
OAKVILLE, ON L6M 3L1

Dear Susan Lathan,

FOR THE ATTENTION OF COUNCIL
Deadline for Comment – December 31, 2011

*Notification of Designation of Implementation of Source Protection Plan Policies
Pursuant to the Clean Water Act, 2006 (the Act) and Ontario Regulation 287/07*

Municipalities located in a source protection area designated to implement Source Protection Plan policies must be notified of the opportunity to make comment on the draft wording of the policies prior to the proposed draft of the Source Protection Plan being released to the public for consultation. The Regional Municipality of Halton has been designated to implement certain Source Protection Plan policies by the Credit Valley, Toronto and Region, and Central Lake Ontario (CTC) Source Protection Committee (SPC).

Background

The Ontario *Clean Water Act, 2006* and the associated Regulations have prompted the formation of the CTC Source Protection Committee. The mandate of this Committee is to develop a science-based Source Protection Plan for each Source Protection Area to ensure the protection of existing and future municipal drinking water sources. The Regional Municipality of Halton's representative on the committee is David Kentner, Local Councillor.

The first task of the Source Protection Committee was to develop its own **Terms of Reference (TOR)** for each of the three Source Protection Areas within the CTC Source Protection Region. The Terms of Reference outlined all the steps to be taken to develop and implement a Source Protection Plan. The TORs for each of the Toronto and Region, Credit Valley and Central Lake Ontario Source Protection Areas of the CTC Source Protection Region were approved by the Ministry of the Environment on August 17, 2009.

The second step in the process was to develop an **Assessment Report (AR)** for each Source Protection Area in the CTC Source Protection Region. The Assessment Reports identify vulnerable areas where

municipal drinking water sources might face a risk of contamination or depletion and identifies drinking water threat activities within those vulnerable areas. After two rounds of public consultation an Assessment Report was submitted in August 2010 for the Central Lake Ontario Source Protection Area and in December 2010 for the other two areas. Updated Assessment Reports for each Source Protection Area in the CTC Source Protection Region were submitted on July 29, 2011 to the Ministry of the Environment following further public consultation.

The Source Protection Plan

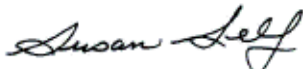
Under the *Clean Water Act, 2006*, the CTC Source Protection Committee must develop policies which address significant drinking water threats as identified in the Source Protection Plan. The Source Protection Committee may designate municipalities to implement some of the policies in the Source Protection Plan.

Please find enclosed draft policies that are proposed by the SPC which the Regional Municipality of Halton will be required to implement. This information is also being sent to municipal staff contacts that have been involved in the development of these policies as noted below. Your municipal staff have or will be reporting to Council regarding these draft policies and recommendations. Part of this draft policy package includes explanatory information which provides background to the Source Protection Plan as well as the rationale for the SPC's selected policies. You may make comments on these drafts policies through your municipal staff who will be reviewing and consolidating this information back to the Source Protection Committee. Although preferable, there is no requirement under the *Clean Water Act, 2006* for municipal councils to endorse these draft policies.

The Source Protection Committee will consider carefully any comments your municipality makes. In order to support and facilitate feedback from municipalities, Committee representatives have organized workshops where designated municipal staff can present and explain your comments. Comments should be received from your municipal staff and forwarded to my attention by December 31, 2011 at 70 Canuck Ave M3K 2C5, by fax at 416-667-6278 or by email to sourcewater@trca.on.ca. Your municipality will have two additional opportunities to formally provide your opinion on Source Protection plan policies before the plan is submitted to the Minister of the Environment for approval in August 2012.

Thank you for your consideration of the foregoing as we all share in the important work to protect our current and future sources of municipal drinking water.

Yours truly,



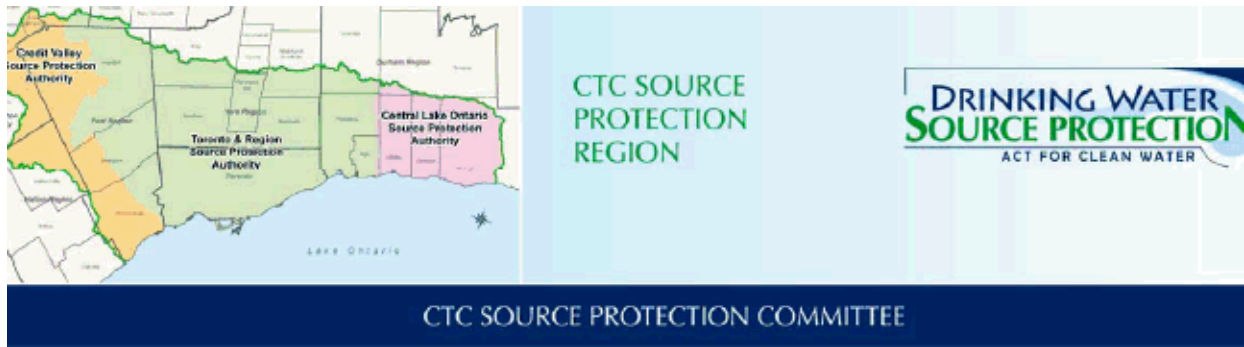
Chair, CTC Source Protection Committee

Cc:

David Kentner, Ward 3 Councillor, Halton Hills, CTC Source Protection Committee
Beverley Thorpe, CTC Project Manager

Attachment package copied to clerk only

CORRESPONDENCE 4.7



October 7, 2011

SUZANNE JONES, TOWN CLERK
TOWN OF HALTON HILLS
1 HALTON HILLS DRIVE
HALTON HILLS, ON
L7G 5G2

Dear Suzanne Jones,

FOR THE ATTENTION OF COUNCIL
Deadline for Comment – December 31, 2011

*Notification of Designation of Implementation of Source Protection Plan Policies
Pursuant to the Clean Water Act, 2006 (the Act) and Ontario Regulation 287/07*

Municipalities located in a source protection area designated to implement Source Protection Plan policies must be notified of the opportunity to make comment on the draft wording of the policies prior to the proposed draft of the Source Protection Plan being released to the public for consultation. The Town of Halton Hills has been designated to implement certain Source Protection Plan policies by the Credit Valley, Toronto and Region, and Central Lake Ontario (CTC) Source Protection Committee (SPC).

Background

The Ontario *Clean Water Act, 2006* and the associated Regulations have prompted the formation of the CTC Source Protection Committee. The mandate of this Committee is to develop a science-based Source Protection Plan for each Source Protection Area to ensure the protection of existing and future municipal drinking water sources. The Town of Halton Hills' representative on the committee is David Kentner, Local Councillor.

The first task of the Source Protection Committee was to develop its own **Terms of Reference (TOR)** for each of the three Source Protection Areas within the CTC Source Protection Region. The Terms of Reference outlined all the steps to be taken to develop and implement a Source Protection Plan. The TORs for each of the Toronto and Region, Credit Valley and Central Lake Ontario Source Protection Areas of the CTC Source Protection Region were approved by the Ministry of the Environment on August 17, 2009.

The second step in the process was to develop an **Assessment Report (AR)** for each Source Protection Area in the CTC Source Protection Region. The Assessment Reports identify vulnerable areas where municipal drinking water sources might face a risk of contamination or depletion and identifies drinking water threat activities within those vulnerable areas. After two rounds of public consultation an Assessment Report was submitted in August 2010 for the Central Lake Ontario Source Protection Area and in December 2010 for the other two areas. Updated Assessment Reports for each Source Protection Area in the CTC Source Protection Region were submitted on July 29, 2011 to the Ministry of the Environment following further public consultation. The Assessment Report identifies "Issues" in both the Georgetown and Acton wells. A municipal well has an "Issue" if there is an increasing trend of a specific contaminant. All the Georgetown wells have sodium and chloride issues, except at

Lindsay Court Well 9. There are sodium and chloride issue at the Acton Prospect Park Well 1 and nitrate issues at Davidson Wells 1 and 2. An "Issue Contributing Area" or ICA is the area to which the contaminants may be entering the well. The accompanying maps show the ICAs for Halton Hills. The Halton-Hamilton Source Protection Region did not undertake a similar analysis and their current maps do not show where the ICAs cross the boundary into their jurisdiction. Further update of the wellhead protection area maps is underway as part of the water budget studies. When complete, mapping in both Source Protection Regions will be updated.

The Source Protection Plan

Under the *Clean Water Act, 2006*, the CTC Source Protection Committee must develop policies which address significant drinking water threats as identified in the Source Protection Plan. The Source Protection Committee may designate municipalities to implement some of the policies in the Source Protection Plan.

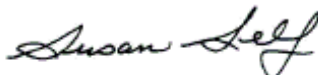
Please find enclosed an explanatory document, maps showing where the policies apply and the draft policies which the Town of Halton Hills would be required to implement. The explanatory information provides background to the Source Protection Plan as well as the rationale for the SPC's selected policies. This notice is also being sent to your municipal staff contacts who have been involved in the development of these policies as noted below. Your staff may be preparing reports for your council on this. If your staff wants an electronic copy of the attached material, more detailed explanation or further information, please have them contact the CTC staff noted below. You may make comments on these drafts policies which should be submitted to my attention. There is no requirement under the *Clean Water Act, 2006* for municipal councils to endorse these draft policies or make comment.

In order for us to jointly hear your feedback, a workshop is being organized with ourselves and the adjacent source protection regions. This is an opportunity for your designated municipal representatives (staff or elected officials) to discuss, in one venue, your comments on all the draft policies with representatives of Source Protection Committees within your municipalities. The workshop for Halton Region will be held December 13, 2011. If you have interest in attending this session, or require more information, please contact Kate Kusiak, Communications Coordinator, CTC Source Protection Region at 416-661-6600, extension 5568 or by email at kkusiak@trca.on.ca.

Should you or your council require further information please discuss your needs with your municipal representative, David Kentner, Local Councillor. (905-877-6710), or Beverley Thorpe, CTC Project Manager (416-661-6600 extension 5577) and we will be pleased to provide the necessary information. If your council would like further information, a presentation or a discussion with staff or councillors, please let David Kentner, Local Councillor or our staff know.

The Committee will consider carefully any comments your municipality makes. Comments should be sent to me by December 31, 2011 at 70 Canuck Ave, Toronto, ON M3K 2C5, by fax at 416-667-6278 or by email to sourcewater@trca.on.ca. Your municipality will have two additional opportunities to formally provide your opinion on Source Protection plan policies before the plan is submitted to the Minister of the Environment for approval in August 2012. Thank you for your consideration of the foregoing as we all share in the important work to protect our current and future sources of drinking water.

Yours truly,



Susan Self,
Chair, CTC Source Protection Committee

cc: David Kentner, Ward 3 Councillor, Halton Hills, CTC Source Protection Committee
Steve Burke, Manager of Policy
Curtis Marshall, Policy Planner
Beverley Thorpe, CTC Project Manager

Attachment package copied to clerk only

RES.#283/11

Draft Policies for Lake Ontario Drinking Water Quality Threats.

Source Protection Committee approval of draft Lake Ontario Drinking Water Quality Threats policies for pre-consultation with implementing bodies.

Moved by: Bob Goodings
Seconded by: Irv Harrell

THAT the CTC Source Protection Committee (SPC) endorses the recommendation of the Lake Ontario Threats Policy Working Group to approve the draft Lake Ontario Drinking Water Quality Threats Policies (Attachment 1) as modified following discussion and review at Meeting #8/11 (October 25, 2011), for the purposes of pre-consultation with implementing bodies;

AND FURTHER THAT the SPC authorizes staff and/or the Working Group to make the refinements to the policy wording as directed at the meeting and any additional minor corrections as necessary to clarify the intent and ensure consistency in wording prior to the policies being sent to the implementing bodies along with the notice of pre-consultation.

CARRIED

BACKGROUND

The CTC SPC received a status report on the development of Lake Ontario policies at meeting #7/11 held on September 27, 2011 by RES. #279/11.

The Lake Ontario Threats Policies Working Group (WG) is chaired by Michael D'Andrea and composed of CTC SPC members, Doug Brown, Bob Goodings, Lynne Moore, Peter Orphanos, Peter Miasek, Howard Shapiro, Mark Schiller, John Presta and Susan Self. The WG met on October 3rd to review draft policies revised by staff following the discussions at the September 20, 2011 workshop attended by municipal and industry representatives and adjacent Source Protection Regions. The WG discussed and approved draft wording of policies as revised on screen at the meeting. In addition the WG directed staff to undertake further revisions and additions to be completed after the meeting. **Attachment 1** contains the fully revised policies which the CTC SPC is being asked to review and approve, with any further revisions identified at meeting #8/11 to be held on October 25, 2011. The policies with shading (yellow if viewed in colour) are the new/revised policies prepared by staff to address the matters as directed by the WG.

The WG directed staff to circulate the revised policy table for their review prior to the October 25, 2011 SPC agenda distribution. Due to other workload deadlines to complete and distribute groundwater policies to start pre-consultation, staff did not have time to complete the revisions and circulate the revised policy tables to the WG members in time for the WG to review. Thus, the WG members have not reviewed the specific wording of the new/revised policies which are shaded: draft policies numbered 2, 3,10, 13,16,18 and 23.

On the afternoon of October 19, Susan Self and Doug Cuthbert (Chair, Halton-Hamilton Source Protection Committee) jointly hosted a meeting for the chairs and staff of the other Source Protection Areas/Regions that have drinking water intakes in Lake Ontario. Michael D'Andrea as Chair of the LO WG, Mark Schiller as the Chair of the Lake Ontario Collaborative, and Beverley Thorpe attended from the CTC SPC. The purpose of the meeting was to discuss draft policies being proposed by various SPCs to address Lake Ontario drinking water threats prior to CTC and Halton/ Hamilton SPCs approving policies to go out for pre-consultation. The Trent Conservation Coalition has already started pre-consultation with their municipalities on Lake Ontario policies. Halton-Hamilton is still preparing and will be considering draft policies at their SPC meeting scheduled for November 8, 2011. The objective of the discussion was to explore how and if consistency could be reached on policies addressing shared Lake Ontario drinking water threats. It was agreed at the meeting that the respective SPCs will proceed with pre-consultation and continue discussions through the pre-consultation stage on how we can align our policies where warranted for our shared source of drinking water.

Next Steps

A commitment was made at the September 20, 2011 workshop to send a copy of the draft policies to participants when they are sent to the CTC SPC for review and decision. Participants had also been invited to provide any comments, corrections or additions to the Draft Discussion Paper by the end of September. Staff are sending an email to workshop participants advising that draft policies being proposed for SPC approval are available on the CTC website. They are also being advised that comment on the Draft Discussion Paper (included as attachment to agenda 7.1 from meeting #7/11 held on September 27, 2011) and suggestions for additional spill modelling scenarios will be accepted up until October 31, 2011.

Upon approval of draft policies by the CTC SPC, staff will make any additional revisions/modifications, prepare the necessary accompanying material (including revised Discussion Paper) and notices. Staff will send the draft policy package to implementing bodies for pre-consultation as quickly as possible. The deadline for comments from implementing bodies will be December 31, 2011.

A workshop has been scheduled tentatively for December 8, 2011 for pre-consultation discussions on Lake Ontario policies with implementing municipalities and adjacent Source Protection Regions. CTC SPC members will be canvassed at the Oct. 25th SPC meeting to determine if an alternative later date is preferred/possible as there has been some concern raised about conflicts for that date.

Report prepared by: Beverley Thorpe, extension 5577

Emails: bthorpe@trca.on.ca

For Information contact: Andrea Dube-Goss, extension 5633

Emails: adube-goss@trca.on.ca

Date: October 19, 2011

Attachment: 1

Attachment 1: Draft Lake Ontario Drinking Water Quality Threats Policies

Draft Lake Ontario Quality Policies for Pre-consultation
Revised by staff following #68/11 as per recommendation

General Policies for All Significant Threats to CTC Lake Ontario Intakes				
Ref. No.	Threat	Existing/ Future	Manage/ Prohibit	Tool
LO-G1	All threats	E	M	Other
				<p>Spill Response Direct MOE, including the MOE Spills Action Centre, to update their notification protocol for spills affecting Lake Ontario water quality to:</p> <ol style="list-style-type: none"> directly notify all potentially affected Water Treatment Plant operators; review the reporting thresholds for significant threat activities, in consultation with the municipalities and adjust the reporting threshold as required; use the 3D Hydrodynamic Circulation and Water Quality Simulation Model developed through the Lake Ontario Collaborative (LOCC) to run initial predicted simulations at the time of the spill, and subsequently as the spill progresses, to help determine the parties to be notified and to predict the extent and duration of contamination; and ensure that information is communicated to all (e.g. the originators of the spill, emergency response/clean-up personnel, municipal health and water treatment operator) responsible parties who are responding to the spill.
				<p>There is a need to maximize the potential rounds by which owners of Water Treatment Plants, whether nearby to spill or some distance from a spill, are notified in a timely way of a spill, to ensure that they have as much time as possible to prepare for the consequences of a spill.</p>
				MOE
				All
LO-G1M	All threats	E/F	M	Monitor
				<p>Direct the MOE to report to the Source Protection Authority by February 1 of each year:</p> <ol style="list-style-type: none"> the number, type and location of spills potentially affecting drinking water quality in Lake Ontario that have been reported to the Spills Action Centre in the previous year; which Water Treatment Plant operators were notified, by whom and when; any actions taken or recommended to improve the efficiency and effectiveness of the spill reporting system in order to protect sources of drinking water; and whether the notification protocol has been reviewed and updated.
				MOE
				All

Draft Lake Ontario Quality Policies for Pre-consultation

General Policies for All Significant Threats to CTC Lake Ontario Intakes				
Ref. No.	Threat	Existing/ Future	Manage/ Prohibit	Tool
				<p>Draft Policies for Significant Threat Activities</p> <p>Contingency Plans for Water Treatment Plants</p> <p>Direct MOE, in consultation with the owners and operators of municipal drinking water systems and within 2 years of the Source Water Protection Plan coming into effect, to require that a Contingency Plan is developed under the Drinking Water Quality Management Standard, and reviewed to ensure that significant drinking water threats identified in the Assessment Reports are included and to amend the municipal drinking water license, as required.</p>
LO-G2	All threats	E	M	Prescribed Instrument
				<p>Explanatory Notes</p> <p>The Drinking Water Quality Management System (DWQMS) is formulated under regulations of the Safe Drinking Water Act (2002). The update of the Water Treatment Plant Contingency Plan may be based on the following rationale, but also dependent on site specific Water Treatment factors. Part of the Risk assessment Contingency Plan may include procedures for providing alternate water supply, restrictions on supply and/ or advisories to customers, should one or more municipal plants need to shut down due to a spill. The significant drinking water threats identified to date and matters that might be addressed in the Contingency Plan include:</p> <p>(a) Tritium spills - currently addressed through the municipal Contingency Plan titled Liquid Emission Response Procedure (LERP) - (the municipality's response to the existing document titled, 'Coordination of the Response to a Liquid Emission at OPG and Bruce Power' dated July 31, 2008);</p> <p>enhancements to forecasting and notification are desirable.</p> <p>(b) Spill of <i>E. coli</i> caused by Sanitary Trunk Sewer failure or Waste Water Treatment Plant disinfection failure - the Contingency Plan may include an enhanced monitoring and potentially enhanced disinfection dosage plan for intake waters.</p> <p>(c) Spill of petroleum hydrocarbons containing benzene from a storage farm spill or a petroleum pipeline failure - the Contingency Plan may include an enhanced monitoring and partial or total plant shut-down plan, until the spill passes the intake.</p>
				<p>Implementer</p> <p>MOE</p>
				<p>Sector</p> <p>All</p>
LO-G2M	All threats	E/F	M	Monitor
				<p>Explanatory Notes</p> <p>Direct the MOE to report to the Source Protection Authority by February 1 of each year:</p> <p>a) which contingency plans have been developed and/or reviewed in the previous year; and</p> <p>b) describe the number and nature of any revisions to these plans to implement the policy.</p>
				<p>Implementer</p> <p>MOE</p>
				<p>Sector</p> <p>All</p>

Draft Lake Ontario Quality Policies for Pre-consultation
Revised by staff following #6/11 as per recommendation

General Policies for All Significant Threats to CTC Lake Ontario intakes								
Ref. No.	Threat	Existing/ Future	Manage/ Prohibit	Tool	Draft Policies for Significant Threat Activities	Explanatory Notes	Implementer	Sector
LO-G3	All threats	E/F	M	Other	<p><u>Regular Testing of Contingency Plans</u> Direct MOE (in consultation with Emergency Measures Ontario, other regulators, municipal water treatment plant operators and industry) to conduct within 2 years of the Source Protection Plan approval, followed by regular (frequency and priority to be determined in consultation) emergency response preparedness exercises which address the drinking water threats identified through the spill scenarios.</p>	To be effective in the case of an actual spill, contingency response plans should be tested regularly.	MOE	All
LO-G5M	All threats	E/F	M	Monitor	<p>Direct the MOE to report to the Source Protection Authority by February 1 of each year: a) which emergency response preparedness exercises were undertaken in the previous year; and b) any actions taken or recommended to improve the efficiency and effectiveness of the contingency plans in order to protect sources of drinking water.</p>		MOE	All
LO-G4	All threats	E	M	Other	<p><u>Lake Ontario Circulation and Water Quality Monitoring, to support the Lake Ontario Collaborative model</u> Request MOE, in collaboration with Environment Canada, to install permanent instrumentation (e.g. continuous recording current meters, with wireless telephone link to MOE Monitoring and Reporting Branch) to provide real-time monitoring of current speed and direction; and water chemistry for use with the 3-D Hydrodynamic Circulation Model for future forecasting of spills impact assessments and assessing spill prevention strategies. Request the MOE to undertake Lake Ontario nearshore monitoring yearly and make the data available to municipalities and conservation authorities.</p>	These field data are required to improve the forecasting of spill dynamics between threat location, and each potentially affected municipal water treatment plant intake. The instrumentation should be part of an overall Lake Ontario Collaborative effort.	MOE	All
LO-G4M	All threats	E/F	M	Monitor	<p>Direct the MOE to report to the Source Protection Authority by February 1 of each year: 1) on the number and location of permanent instrumentation which has been installed or is in place to support the protection of drinking water sources; and 2) describe the nearshore monitoring program undertaken in the previous year, including provision of the data collected.</p>		MOE	All

Draft Lake Ontario Quality Policies for Pre-consultation

General Policies for All Significant Threats to CTC Lake Ontario Intakes								
Ref. No.	Threat	Existing/ Future	Manage/ Prohibit	Tool	Draft Policies for Significant Threat Activities	Explanatory Notes	Implementer	Sector
LO-G5	All Threats	E/F	M	Other	<p>Lake Ontario 3-D Hydrodynamic Circulation and Water Quality Simulation Model</p> <p>Request MOE in consultation with Environment Canada to:</p> <p>(a) maintain and further develop the 3-D Hydrodynamic Circulation Model developed through the LOC, for future forecasting of activities to determine their potential to be significant drinking water threats by;</p> <p>(b) maintaining specialized modelling expertise to undertake spill scenario modelling;</p> <p>(c) leading the development of typical lake circulation spill base cases to do quick assessments of spills to provide early warning impact assessment; and</p> <p>(d) using this model as a consistent approach for assessing potential impact from new/ proposed/ changed discharges, including spill scenario assessment and to assess actual spills.</p>	<p>A centralized authority needs to maintain hydrodynamic modelling and other tools needed to forecast time of travel (from threat to intake), extent (duration), and estimated peak concentration (organism density, activity) at each potentially affected municipal water treatment plant intake. Either the MOE or Environment Canada are the logical candidate agencies. The tool and results should be available to LOC member municipalities and Responsible Authorities for other threats to assist them in fulfilling their responsibilities. Important to have consistent model and to assess a variety of additional scenarios to determine minimum quantities that would pose significant threats. This also links to revising the spill notification protocols.</p>	MOE	All
LO-G5M	All threats	E/F	M	Monitor	<p>Direct the MOE to report to the Source Protection Authority by February 1 of each year on the actions taken to implement this policy and results achieved to protect drinking water sources.</p>		MOE	All
LO-G6	All Threats	E	M	Research Addressing Data Gaps	<p><u>Undertake Additional Spill Scenario Modelling</u></p> <p>Request MOE, in consultation with responsible parties for the threat activities and lead Source Protection Authorities in the LOC, to fund additional scenario modelling, to:</p> <p>a) undertake additional spill scenarios to assess other potential threats (locations, spill quantities, activities, contaminants), for example, pumping station overflow; and</p> <p>b) assess the effectiveness of source protection plan policies relying on risk management measures and spill contingency measures to reduce the risk.</p>	<p>The work undertaken to date is a first effort at scoping what existing activities could present significant threats to municipal drinking water intakes. Further refinement of this work is needed to complete the scoping exercise and to identify the <i>minimum</i> quantities of spills which do not pose a significant threat to drinking water sources. New information would be included in future updates to the respective Assessment Reports.</p> <p>The additional assessment would also include consideration of the effectiveness of source protection plan policies which propose risk management measures to prevent spills and contingency measures to respond to spills to reduce the significant threats.</p>	MOE	All
LO-G6M	All threats	E/F	M	Monitor	<p>Direct the MOE to report to the Source Protection Authority by February 1 of each year the actions taken to implement this policy and results achieved to protect drinking water sources</p>		MOE	All

Draft Lake Ontario Quality Policies for Pre-consultation
 Revised by staff following #8/11 as per recommendation

Ref. No.	Threat	Existing/ Future	Manage/ Prohibit	Tool	Draft Policies for Significant Threat Activities	Explanatory Notes	Implementer	Sector
LO-G7	All Threats	E	M	Other- Storm-Sewer Use By-laws	<u>Sewer Use By-laws</u> Direct the municipality to review/ develop sewer use by-laws and amend if required to reduce the likelihood of contaminants discharging from significant threats activities to Lake Ontario in the event of a large spill or equipment failure/malfunction and to give municipalities the power to require the owner of the threat to develop and implement a spill prevention plan.	Municipalities have powers to introduce tools as a sewer use by-laws to control contaminants discharged to municipal storm and sanitary sewers. This provides for enhanced power for municipalities to focus on pollution and spill prevention as well. Municipalities do not have the power, currently, to require development and implementation of a spill prevention plan for large spill such as those identified in the Assessment Report under Sewer Use By-laws. Municipality will determine on a case-by-case basis which, if any, significant drinking water threats require spill prevention plans.	Municipality	IG
LO-G7M	Spill from Petroleum Tank Farm	E/F	M	Monitor	Direct the municipality to report to the Source Protection Authority by February 1 of each year on the actions taken to implement this policy.		Municipality	IG
LO-G8	All threats	E	M	Research Addressing Data Gaps	<u>Insect Stream Crossings</u> Direct the responsible Source Protection Authority in collaboration with the facility owner, to inventory all pipe facilities which cross tributaries that drain into Lake Ontario to further understand risks associated with pipe break scenarios and update respective Assessment Reports. Inventory is intended to include: a) state of the infrastructure (e.g. age, diameter, design life, quantity and type of products transported) to assess the potential threats; b) map the location of each crossing to produce a composite map; c) develop a prioritized list of facilities to be inspected/ maintained based on potential risk to drinking water.	Source Protection Authority staff need to consult with facility owners to provide information on their pipes. Making this information publicly available will raise the visibility of the potential threats and encourage the industry/ municipality to take proactive actions to maintain their facilities. This work is contingent on funding from the MOE.	SPA	All
LO-GBM	All threats	E/F	M	Monitor	Direct the Source Protection Authority to include in its annual report to the Minister: a) the number and locations of the inspections undertaken; b) the results of the inspections; and c) who has been notified of the results.		SPA	All

Draft Lake Ontario Quality Policies for Pre-consultation
 Revised by staff following #8/11 as per recommendation

General Policies for All Significant Threats to CTC Lake Ontario Intakes								
Ref. No.	Threat	Existing/ Future	Manage/ Prohibit	Tool	Draft Policies for Significant Threat Activities	Explanatory Notes	Implementer	Sector
LO-G9	All threats	E	M	Other - communication & coordination	<p>Update Communication Protocols</p> <p>Request Emergency Measures Ontario (EMO) to consult with other responsible parties (such as the regulatory authorities, industries and municipalities, Ministry of Health and local Medical Officer of Health, Canadian Coast Guard and MOE) to review and update communication protocols to communicate spills and related issues to the public. Development of plans are required for proactive public/ media communication around the Clean Water Act and the spill scenario findings.</p>	<p>There are many parties who have responsibilities and interest in threats to drinking water. Improvements are required to the flow of timely information in the event of spills and for contingency preparedness amongst responsible parties and implementers. Communication of information to the public also requires coordination and clear, credible messages. Persons who receive information also need to know what is required of them in response, including potential threats to safety of drinking water.</p> <p>The first step is to determine who should be involved, who should coordinate, who communicates what, cross-municipalities communications to ensure clear communication to the public that encompasses the potential threats posed by the spill, its impact to drinking water and public safety and what is being done. Need for single point of contact for reporting to example SAC, but multiple parties may have communication roles.</p>	EMO	All
LO-G9M	All threats	E/F	M	Monitor	<p>Request Emergency Measures Ontario (EMO) to report to the Source Protection Authority by February 1 of each year on the actions taken to implement this policy and results achieved to protect drinking water sources.</p>		EMO	All

Draft Lake Ontario Quality Policies for Pre-consultation
Revised by staff following SPC #8/11 as per recommendation

Local Threat Petroleum Product Pipelines Draft Policies for Significant Threats to CTC Lake Ontario Intakes									
Ref. No.	Threat	Existing/ Future	Manage/ Prohibit	Tool	Draft Policies for Significant Threat Activities	Explanatory Notes	Implementer	Sector	
	Threat from Spill of Petroleum Product containing Benzene from Pipeline Crossing Tributary to Lake Ontario								
LO-Pipe1	Spill from Petroleum Pipeline Failure	E/F	M	Other	Direct MOE to develop a Memorandum of Understanding, in collaboration with other provincial (Ontario Energy Board) and federal (National Energy Board, Transportation Safety Board) regulators to establish response time frames and responsibilities as first responder to ensure a prompt, unified regulatory command structure to manage spill response.	The concern is that historically there have been unnecessary delays and uncertainty in roles to respond to spills and cleanup because of the confusing regulatory responsibilities and distance for the federal regulatory staff to travel. Concern that there may be more spills from pipelines in Ontario, as much of the pipeline infrastructure is several decades old and not built based on current requirements.	MOE	ICI	
LO-Pipe1M	Spill from Petroleum Pipeline Failure	E/F	M	Monitor	Direct the MOE to report to the Source Protection Authority by February 1 of each year on the actions taken and the results to implement this policy.		MOE	ICI	
					Direct MOE to work with provincial (Ontario Energy Board) and federal (National Energy Board, Transportation Safety Board) regulators and petroleum pipeline companies to review and implement improvements required to Spill Management Plans/ Risk Reduction Plans/ Contingency Plans which focus on reducing the likelihood of a spill caused by a pipeline failure. As a first priority the review should include: a) the appropriateness of spill response plan at each crossing; b) the depth of ground cover over the pipeline at each crossing; c) an assessment of condition of pipe; d) the pipeline design and operational BMP's (including potential additional design and operational BMP's); and e) ensure that any new or expansions or pipeline replacements are constructed to meet current best practices.	The first priority should be on preventing spills from occurring and include priority inspections at locations considering potential for erosion risks to services and age of infrastructure. The Spill Management Plan could focus on operational elements to reduce spill duration, such as pressure detection systems and control systems for pumping shut-down. A Risk Reduction Plan may focus on potential additional structural BMP's and design modifications. Spill Contingency Plans should address the availability of containment responders, to both the potential location of a spill and discharge point to Lake Ontario; how equipment and personnel can access sites that may be susceptible to flooding, up to date information on exact location and depth of pipelines, and assessment of potential flood events on response plans.			
LO-Pipe2	Spill from Petroleum Pipeline Failure	E/F	M	Other	Direct the MOE to report to the Source Protection Authority by February 1 of each year on the actions taken and the results of these efforts to implement this policy.	The Spill Management Plan should include procedures similar to those established for tritium spill response procedures ('Coordination of the Response to a Liquid Emission at OPG and Bruce Power' dated July 31, 2006).	MOE	ICI	
LO-Pipe2M	Spill from Petroleum Pipeline Failure	E/F	M	Monitor			MOE	ICI	

Draft Lake Ontario Quality Policies for Pre-consultation
Revised by staff following SPC #B/11 as per recommendation

Local Threat Nuclear Generating Stations Draft Policies for Significant Threats to CTC Lake Ontario Intakes								
Ref. No.	Threat	Existing/ Future	Manage/ Prohibit	Tool	Draft Policies for Significant Threat Activities	Explanatory Notes	Implementer	Sector
Threat from Release of Tritium from Nuclear Generating Station								
LO-NGS1	Spill of tritium from NGS	E/F	M	Other	Direct MOE in consultation with the appropriate authorities, to investigate and evaluate existing Risk Management Plans/Risk Reduction Plans and notification protocol (including consideration to lowering the spill threshold at which municipalities get notified). First priority should be placed on reducing the likelihood of spills (such as potential additional design and operational BMP's and operational procedures), which would impair drinking water sources.	Nuclear generating stations have comprehensive spill management programs. The intent of this policy is to investigate what additional measures might be taken to reduce the risk to WTP intakes. In future goal is to have all parties (regulator, responsible party and water treatment plants) use and have available a common modelling platform to guide spill response and assess threats. All new or expanding facilities are subject to Federal EA requirements.	MOE	ICI
LO-NGS1M	Spill from Petroleum Pipeline Failure	E/F	M	Monitor	Direct the MOE to report to the Source Protection Authority by February 1 of each year on the actions taken and the results of these efforts to implement this policy.		MOE	ICI

Draft Lake Ontario Quality Policies for Pre-consultation
Revised by staff following SPC #8/11 as per recommendation

Ref. No.	Threat	Existing/ Future	Manage/ Prohibit	Tool	Draft Policies for Significant Threat Activities	Explanatory Notes	Implementor	Sector
Threat #2 Sewage Draft Policies for Significant Threats to CTC Lake Ontario Intakes								
Threat from Disinfection Interruption at Waste Water Treatment Plant								
LO-Sew1	Disinfection Interruption at a Waste Water Treatment Plant	E/F	M	Prescribed Instrument	Direct MOE to, within 2 years of the Source Water Protection Plan coming into effect and in consultation with the municipalities, review all CoFAs under the Ontario Water Resources Act for Waste Water Treatment Plants (WWTP) to require that the municipality review existing Contingency Plans for WWTP and enhance the plans as necessary to ensure that the disinfection system works year-round and that is sufficient redundancy in the disinfection system to minimize the length of time that disinfection system is not working, including establishing time limits.	The evaluation of Contingency Plans would identify factors which may cause a prolonged compromise in WWTP disinfection system performance or disinfection system interruption occurs, resulting in risks to receiving water quality and to a potable water supply. For exceptional circumstances such as an extended power outage such as occurred in August 2004, the Contingency Plan may include a Risk Assessment that includes an evaluation of whether resources are better focused on the WWTP disinfection system, or on a WWTPs protocols and disinfection system, or a combination.	MCE	ICI
LO-Sew1M	Disinfection Interruption at a Waste Water Treatment Plant	E/F	M	Monitor	Direct the MOE to report to the Source Protection Authority by February 1 of each year: a) which CoFAs have been reviewed in the previous year; and b) describe the number and nature of contingency plans in place to protect drinking water sources.		MCE	All
Threat from Spill of Sewage from Break in Sanitary Trunk Sewer								
LO-Sew2	Sanitary Trunk Sewer Spill (STS)	E	M	Prescribed Instrument	Direct MOE to require municipalities which have a Sanitary Trunk Sewer (STS) spill identified as a significant threat in the Assessment Report, to develop and implement a Risk Reduction Plan/ Contingency Plan as part of the CoFA, which focuses on reducing the likelihood of a spill.	This policy would focus on assessment of factors which cause the risk, and evaluation of and implementation of cost-effective measures which reduce the risk of an STS spill occurring due to creek erosion, or structural failure of a trunk sewer. Significant raw sewage spills have been caused by erosion of a sewer crossing or bank erosion of a maintenance hole, and subsequent breakage of the pipe, or due to settlement of the sewer. The plans should assess the potential impact of storms which are larger and more frequent than the design storm used at time of construction (consider the potential adaptation needed for climate change). Plans also need to assess how the requirements to maintain site access can be met in the case of flooding and erosion at site of potential sewer break.	MCE	Municipal

Draft Lake Ontario Quality Policies for Pre-consultation
Revised by staff following SPC #8/11 as per recommendation

Ref. No.	Threat	Existing/ Future	Manage/ Prohibit	Tool	Draft Policies for Significant Threat Activities	Explanatory Notes	Implementer	Sector
LO-Sew2M	Sanitary Trunk Sewer Spill (STS)	E/F	M	Monitor	Direct the MOE to report to the Source Protection Authority by February 1 of each year: a) which CoFAs have been reviewed in the previous year; and b) describe the number and nature of the risk reduction and/or contingency plans in place to protect drinking water sources.		MOE	All
LO-Sew3	All sewer threats	E/F	M	Research	Direct municipalities to assess on a regular basis the erosion, scouring and flooding risks in tributaries under their mandate which could jeopardize the integrity of sewer services located in, adjacent or under tributaries.	This policy is intended to support the prevention of spills occurring through regular assessment of how the bank and bed of tributaries changes over time and in response to fluctuations in flow volumes and velocities, which can render sewers and pipelines more vulnerable to rupture if they become exposed and no longer protected by overlying materials. This policy supports the need for climate change adaptation. Ruptured sewers will release contaminants that could impair the water as a source of drinking water. The potential for susceptibility of sewers located in or near tributaries to erosion should be considered in the development, review and revision to risk management and contingency plans, and for siting new or relocating these services.	Municipality	Municipal
LO-Sew3M	All sewer threats	E/F	M	Monitor	Direct the municipality to report to the Source Protection Authority by February 1 of each year: on the number, date, locations and findings of the surveys undertaken to assess the integrity of sewer services to protect drinking water sources, and revisions to design and siting of sewers to reduce their susceptibility to erosion.		Municipality	Municipal

Draft Lake Ontario Quality Policies for Pre-consultation
Revised by staff following SPC #8/11 as per recommendation

Ref. No.	Threat	Existing/ Future	Manage/ Prohibit	Tool	Draft Policies for Significant Threat Activities	Explanatory Notes	Implementer	Sector
	Threat#15 Handling and Storage of Fuel Draft Policies for Significant Threats to CTC Lake Ontario Intakes							
	Threat from Spill of Petroleum Product containing Benzene from Bulk Storage							
LO-Fuel1	Spill from Petroleum Tank Farm	E/F	M	Part IV - RMP	Direct Risk Management Official, in consultation with the applicable regulating authorities, e.g. TSSA, to investigate and evaluate existing Spills Prevention Plans/ Spill Contingency Plans, and the need for potential additional design and operational Best Management Practices (BMPs) which would reduce the likelihood that a spill from a storage facility would impair drinking water source quality. The RMP (see above) shall incorporate all applicable provisions of Ontario Regulations 213/01 and 217/01 and their codes as well as other measures to ensure the protection of drinking water sources, which may include BMPs, site characterisation as necessary, proof of liability insurance for clean-up of potential contamination and an appropriate frequency of inspections.	Petroleum tank farms have existing design BMPs to contain a spill. The intent of this policy is to investigate what additional measures might be available to reduce the possibility that contaminants could reach Lake Ontario and impair water as a source of drinking water.	RMO	ICI
LO-Fuel1M	Spill from Petroleum Tank Farm	E/F	M	Monitor	Direct the RMO to report to the Source Protection Authority by February 1 of each year on: a) the number and location of RMP that have been approved, amended or denied and the status of implementation and compliance for existing activities related to spills from petroleum tank farm; and b) to provide details on how the protection of municipal drinking water sources was addressed for the previous year.		RMO	ICI
LO-Fuel2	Spill from Petroleum Tank Farm	F	P/M	Part IV - RLU	Direct municipality to designate as Restricted Land Uses per Section 59 of the Clean Water Act the land uses that are associated with a petroleum tank farm which has been identified as a significant threat so that any proposed activities in the designated area are assessed by the Risk Management Official to ensure compliance with any applicable risk management plan policies before a decision by the municipality to issue a building permit or planning approvals.	Based on the comparable policy for groundwater for large volume fuel storage. This is a complementary policy to Policy LO-Fuel 1.	Municipality	ICI

Draft Lake Ontario Quality Policies for Pre-consultation
Revised by staff following SPC #8/11 as per recommendation

Ref. No.	Threat	Existing/ Future	Manage/ Prohibit	Tool	Draft Policies for Significant Threat Activities	Explanatory Notes	Implementer	Sector
LO-Fuel2M	Spill from Petroleum Tank Farm	E/F	M	Monitor	Direct the municipality to report to the Source Protection Authority by February 1 of each year on the actions taken to implement this policy.		Municipality	ICI
LO-Fuel3	Spill from Petroleum Tank Farm	E	M	PI	Direct MOE to review existing Certificates of Approval (CoAs) regarding management of stormwater at the identified sites to determine if there are adequate safeguards to protect drinking water sources; and if necessary amend CoAs to require additional works or procedures to reduce the likelihood of contaminants discharging to Lake Ontario in the event of a spill or equipment failure/malfunction. Direct the MOE to undertake as a priority compliance inspections at existing facilities to identify if additional actions are required to prevent and mitigate spills.	Important to review the adequacy of existing stormwater management systems to assess their effectiveness in containing spills and contingency response, given the potential impacts on drinking water sources should a spill occur.	MOE	ICI
LO-Fuel3M	Spill from Petroleum Tank Farm	E/F	M	Monitor	Direct the MOE to report to the Source Protection Authority by February 1 of each year on: a) which CoAs have been reviewed in the previous year; b) the number and nature of the risk reduction and/or contingency plans in place to protect drinking water sources; and c) the number and results of the compliance inspections undertaken to protect drinking water sources.		MOE	All

Draft Lake Ontario Quality Policies for Pre-consultation
Revised by staff following SPC #8/11 as per recommendation

Ref. No.	Threat	Existing/ Future	Manage/ Prohibit	Tool	Draft Policies	Explanatory Notes	Implementer	Sector
Specific Action Policies for GT CLake Ontario Intakes								
LO-SA1	All pathogen (low/moderate) threats	E	M	Specific Action	Request MOE and Health Canada to provide technical and financial support to the Lake Ontario Collaborative member municipalities to undertake the development of a pathogen (not limited to E. coli) risk assessment, including: (a) identify the pathogens and their respective densities at different times; (b) assessing the associated risk at lakes due to pathogens in non-disinfected wastewater and other known specific sources of these pathogens; and (c) undertaking Quantitative Microbial Risk Assessment assessments, using a structured R & D design (based on the protocols established by the US EPA) to assess the threat and adequacy of existing treatment on a plant-by-plant basis.	These investigations are needed to further understand risks to drinking water associated with pathogens in source water such as <i>Giardia</i> and <i>Cryptosporidium</i> , in addition to <i>E. coli</i> .	MOE Health Canada	Municipal
LO-SALM	All threats	E/F	M	Monitor	Direct the MOE to report to the Source Protection Authority by February 1 of each year on the actions taken and results to protect Lake Ontario as a source of drinking water.		MOE	All
LO-SA2	All threats	E/F	M	Specific Action	Request MOE to discuss with Environment Canada, Health Canada, New York State and US government agencies the findings and policies arising from the source water protection program to: (a) encourage collaboration on protecting our shared drinking water sources; (b) assess emerging threats to drinking water (e.g. discharge of fracking waste water through sewage treatment plants); (c) raise profile of the importance of Lake Ontario as a source of drinking water for Ontario; and (d) assess the threats to the near shore water quality from the cumulative impacts of point and non-point sources of contaminants.		MOE	All
LO-SAZM	All threats	E/F	M	Monitor	Direct the MOE to report to the Source Protection Authority by February 1 of each year on the actions taken and results to protect Lake Ontario as a source of drinking water.		MOE	All

SECTION IV - ITEMS FOR COMMITTEE INFORMATION

RES.#284/11 **Update on Pre-Consultation with Implementing Bodies.**

Draft policies to address groundwater quality and quantity threats have been sent to implementing bodies to start pre-consultation.

Moved by: Lynne Moore

Seconded by: Mark Schiller

THAT the CTC Source Protection Committee receives this report for information;

AND FURTHER THAT CTC SPC members confirm the municipal workshop session(s) that they will attend by October 26, 2011.

CARRIED

BACKGROUND

Prior to the draft Source Protection Plan being published for public comment, there is a regulatory requirement under the *Clean Water Act, 2006* to consult with those bodies designated to implement policies. O. Reg. 287/07 outlines the requirements for pre-consultation which include the SPC:

- a) Providing notice of the proposed policy to the body that would be responsible for implementing the policy;
- b) Providing draft wording of the proposed policy to the above body;
- c) Providing a summary of reasons for the proposed policy;
- d) Requesting written comments on the proposed policy; and
- e) Considering comments received, if any, from the body referred to above.

As with all consultation opportunities, the Regulation outlines the minimum mandated requirements. To facilitate review by implementing bodies, especially municipalities, the CTC SPC has gone beyond the regulatory minima, by developing an Explanatory Document that provides important information including the rationale for policies, description of threats, maps specific to the municipality that show where threat policies will apply along with policy tables which provide draft policy wording for the specific policies that the municipality is being directed to implement, along with other required information. Implementing bodies are also receiving a copy of the full suite of proposed policies. CTC SPC members will be provided at the meeting with a hard copy of the Explanatory document and electronic version of the draft policies and maps. Paper copies of all materials are available upon request to Sylvia Waters.

Municipal Notifications

On October 18th municipalities were sent notification letters and draft policies, for review and to report to council. Municipalities have been asked to provide written draft comment in advance of scheduled workshops so that there is an opportunity for discussions and consideration of the issues by SPC members. Formal written comments are due by December 31, 2011. Pre-consultation packages have been sent to all municipalities who have been identified to implement one or more groundwater quality or quantity policy (see correspondence items 4.3 to 4.7). Where requested, customized letters were sent to specific municipalities. The only municipalities in the CTC who have not received such notice are the City of Toronto and Town of Milton, because they do not have groundwater threats.

Additional notices, information packages and draft policies related to Lake Ontario will be sent once the CTC SPC has approved draft policies for pre-consultation (see agenda item 6.1). At that time City of Toronto, and the Regions of Peel, and Durham will be sent notices, along with any of the lower tier municipalities in Peel or Durham who are identified to implement policies to protect Lake Ontario water quality.

Formal notices have been sent not only as required to the municipal clerk, but also copied to key municipal staff and the respective CTC municipal SPC member. A teleconference has been scheduled with municipal staff to walk them through the package so that they are familiar with the content and CTC staff can answer any procedural questions to help municipal staff begin their review.

Other Implementing Bodies Notified

Implementing bodies other than municipalities also have to receive notification packages and have the opportunity to comment. For the proposed CTC groundwater policies, these bodies include various provincial ministries (e.g. Environment, Natural Resources, Agriculture, Food and Rural Affairs, Transportation) and the CTC source protection authorities who are legally bound by the policies; and other bodies such as Transport Canada and the Technical Safety and Standards Authority for whom the policies are non-binding. These notifications are being or also have been sent. The deadline for comment is also December 31, 2011.

Municipal Workshops

In addition as outlined in the report brought forth on July 26, 2011 at #5/11 SPC meeting, staff have been working with municipalities on specific pre-consultation workshops with adjacent source protection regions to provide the municipality, and the SPCs who have draft policies affecting that municipality, to discuss the full array of draft policies at one time. Draft agenda and locational details are being finalized with municipal and/or adjacent source protection regions. The workshop dates are as follows:

- November 15, 2011: Durham Region and its lower tiers, with the Trent-Conservation Coalition and South Georgian Bay Lake Simcoe Source Protection Regions
- November 23, 2011: York Region and its lower tiers with the South Georgian Bay Lake Simcoe Source Protection Region
- November 30, 2011: Peel Region and its lower tiers with the South Georgian Bay Lake Simcoe Source Protection Region
- December 6, 2011: Dufferin County and its constituent municipalities with the South

- December 8, 2011: Georgian Bay Lake Simcoe and Lake Erie Source Protection Regions
Lake Ontario Water Quality policies date to be discussed/confirmed at
Oct. 25, 2011 SPC meeting with the Trent-Conservation Coalition,
Halton-Hamilton and other interested Lake Ontario Source Protection
Regions
- December 13, 2011: Halton Region and Town of Halton Hills (am); Wellington County, Town of
Erin (pm) with the Halton-Hamilton (both sessions) and Lake Erie Source
Protection Regions (pm only)

Calendar invitations have been sent to all CTC SPC members for the full suite of pre-consultation workshops, but SPC members are not expected to attend all workshops. Ideally, staff hope that at least one member representing each of the three SPC groupings (municipal, economic, and public sectors) can attend each workshop. Staff are requesting final confirmation of attendance by October 26, 2011 (to Sylvia Waters) so that final arrangements can be made. **Table 1** below summarizes the information received as of October 19, 2011, in response to the calendar invitations. **Please review and advise Sylvia Waters of any discrepancies.** Members having accepted invitations will be sent further information regarding the specific workshop which they have accepted. A briefing teleconference call (approximately one hour) will be arranged one to two days prior to each workshop so that CTC staff can brief the members on specific issues and information in preparation to attend the workshop.

Table 1 Status of CTC SPC Member Participation in Municipal Workshops as of Oct. 19, 2011 (NR-no response)



CTC Source Protection Committee
CONFIRMED Attendance for 2011 Policy Pre-Consultation

Member	Nov. 15/11 Durham Pre-Consultation	Nov. 23/11 York Pre-Consultation	Nov. 30/11 Peel Pre-Consultation	Dec. 6/11 Dufferin Pre-Consultation	Dec. 8/11 Lk Ontario Pre-Consultation	Dec.13/11 Halton Pre-Consultation
Abouchar, Juli	✓	X	X	X	✓	✓
Bourrie, Andrea	T	T	T	T	T	T
Brown, Doug	NR	NR	NR	NR	✓	NR
Burgess, Wendy	NR	NR	NR	NR	NR	NR
Burnside, Bob	NR	NR	✓	✓	X	✓
D'Andrea, Michael	NR	NR	NR	NR	NR	NR
Foster, Louise	NR	NR	X	NR	NR	NR
Garrett, Mike	X	✓	✓	X	X	✓
Ginsburg, Jessica	NR	NR	NR	NR	NR	NR
Goodings, Bob	NR	NR	NR	NR	NR	NR
Harrell, Irv	T	T	T	T	T	T
Kentner, David	NR	✓	✓	✓	X	
Laidlaw, Heather	NR	NR	NR	NR	NR	NR
McDowell, Laura	✓	✓	✓	✓	✓	✓
Miasek, Peter	NR	NR	NR	NR	NR	NR
Moore, Lynne	NR	NR	NR	NR	X	
Orphanos, Peter						
Presta, John	✓	X	X	X	NR	NR
Ruf, Fred	T	T	T	T	T	T
Schiller, Mark	✓	NR	✓	T	✓	T
Schofield, Norine	NR	NR	NR	NR	NR	NR
Self, Susan	NR	NR	NR	NR	NR	NR
Shapiro, Howard	X	X	X	X	✓	NR
Westlake, John	T	T	T	T	T	T

NEXT STEPS

Upon SPC approval of the suite of draft Lake Ontario policies, staff will complete the notification package which will be sent to bodies designated to implement the policies, as described above. This is anticipated to be completed in early November, 2011.

Staff continue to work on finalizing details for the series of pre-consultation workshops with adjacent Source Protection Regions (SPRs) scheduled for November-December. SPC members will receive further information for the workshops they have selected and invited to participate in a pre-workshop briefing teleconference.

Report prepared by: Beverley Thorpe, extension 5577

Emails: bthorpe@trca.on.ca

For Information contact: Sylvia Waters, extension 5936, Kate Kusiak, extension 5568

Emails: swaters@trca.on.ca, kkusiak@trca.on.ca

Date: October 19, 2011

11. NEW BUSINESS

TERMINATION

ON MOTION, the meeting terminated at 3:00., on October 25, 2011.
