

Halton-Hamilton Source Protection Region

## **MINUTES**

## HALTON-HAMILTON SOURCE PROTECTION COMMITTEE SPECIAL MEETING #4-11 Halton-Hamilton Source Protection Committee Christ Church, Flamboro 92 Hwy 8, Greensville June 27, 2011 2:30pm to 4:30pm

SPC Attendees:				
David Simpson	Susan Fielding (left early)	Glenn Powell	Peter Ashenhurst	
Gavin Smuk	Dave Braden	Paul Attack	Nick DiGirolamo	
Doug Cuthbert	Teri Yamada			
Regrets SPC/Other Regrets	:			
Judi Partridge	Melanie Horton	Kathy Menyes	Bob Edmondson	
Barry Lee	Andrea Doherty	Chris Shrive	Turlough Finan	
Other Attendees:				
Diane Bloomfield Project Manager HHSPR	Wesley Wright, MOE Liaison	Virginia Bancur Project Assistant HHSPR		
Jean Williams, Conservation Halton	Brian Wright, NP SPA	Beverley Thorpe, CTC		
Rodney Bouchard, Region of Peel	David King, Health Liaison			

ITEM	TOPIC/DISCUSSON	ACTION REQUIRED	
1.	Roll Call & Mileage  Doug reminded everyone to sign in and record their mileage.  Notification was given that Paul Attack was given proxy by Turlough Finan.		
2.	HHSPC Committee Membership Update Doug welcomed guests. Wesley Wright will be replacing John Westlake as our MOE Liaison for a few months while John fills the supervisor role for liaisons.		
	Review of Agenda – Doug Cuthbert		
	Acceptance of Agenda as Distributed:		
3.	HHSPC 11-17 Moved by: Dave Braden Seconded by: Paul Attack		
	THAT the agenda be accepted as printed.  Carried		
	Presentation by Rodney Bouchard on the Lake Ontario Collaborative included an overview of the work, the modelled scenarios and the preliminary results. The slide deck will be sent to all SPC members and those attending.	Staff to attach slide deck to meeting minutes.	
4.	Events can impact water quality about 1 to 2 percent of the time. Modelled scenarios were based on real world events with no degradation of the product to simulate release under cold conditions. Not all scenarios in the Halton-Hamilton area have been modelled. The model and the scenarios will be peer reviewed over the next few months. The calibration is best in eastern Lake Ontario and varies about 10 to 15 percent near Hamilton. The results to date are preliminary. Stantec is writing the compendium report and it will be ready in about two weeks for review.		
	<ul> <li>Q. Why does Humber River have higher concentrations of suspended solids than the Don River?</li> <li>A. Possibly because the Humber River flows through farm land above Hwy 7 then goes through urban area before it empties into Lake Ontario. The Don River flows only through the urban area.</li> </ul>	(Progress report on	
	<ul> <li>Q. When did Environment Canada take water samples for pathogen analysis?</li> <li>A. Regular sampling after events have occurred. Samples were collected from different areas and water depths.</li> <li>Environment Canada's final report on the pathogen study is being finalized and will be available soon.</li> </ul>	Investigation of Waterborne Pathogen Occurrence in Source Water of Lake Ontario Drinking Water Treatment Plants Near the Credit River (2007-2008) was distributed at the April 20, 2010 SPC meeting)	
	<ul> <li>Q. Does the information on the pipeline crossing 16 Mile Creek cover all the streams?</li> <li>A. Conservation Halton has completed models for the creeks in their watershed and the data has been given to the CVC staff completing the work for the LOC. CVC staff ran out of time to complete all their work prior to completion of the CTC updated proposed assessment report.</li> </ul>		
	Q. A quantitative microbial risk assessment was completed by Peel Region. Is	Rodney Bouchard will forward a	

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	it available for us to review?  A. Yes, Peel Region will share this report. The study indicated that Lake Ontario raw water quality is generally good for all scenarios.	copy of the QMRA study.
	Q. Why was 100 cfu/100 mL E. Coli used as the threshold for a significant threat?	
	A. This is the recreational water quality standard and typically analysis results are less than this value.	
	Hamilton has requested that Environment Canada's model developed for Hamilton Harbour be used to identify threats to their drinking water supply. This model is more refined with a smaller grid and represents the shoreline and processes better in this area.	
	<ul> <li>Q. What is CTC doing? - Bev Thorpe</li> <li>A. An updated proposed assessment report for the Credit Valley SPA is out for public consultation now and will be submitted to the MOE on July 29. Another update will be completed in the fall. They are working with industry representatives whose product could be a threat, e.g., petroleum sector. No direction yet on what the policies will be for IPZ-3 threats. They expect that the Minister of the Environment will use the identified significant threats in IPZ-3s to set Great Lakes targets. Possibly the design of wastewater treatment plant outflows could be regulated to protect the source water better.</li> </ul>	
	<ul> <li>Q. What is Niagara doing? – Brian Wright</li> <li>A. Want to ensure that the work is complete before they bring it into their assessment report. It will be next round of source protection planning when the plan will be amended.</li> </ul>	
	Staff proposed that due to the preliminary nature of the Lake Ontario Collaborative work and its incomplete status for the Halton-Hamilton Region that the work be included in the source protection plans when an amendment is made in 2013 to bring in the Tier 3 water budget results for the Kelso and Campbellville municipal supplies.	
	Doug Cuthbert asked each SPC member what their comfort level was with accepting the Lake Ontario Collaborative work and updating the assessment reports.	
	<ul> <li>Hamilton IPZ-2 should be improved before we proceed with an IPZ-3. Staff have moved forward on defining the IPZ-2 better and have received information from the City of Hamilton and the Hamilton Conservation Authority. The delineation is yet to be completed and will take time.</li> <li>Knowing that the plans will be updated in the future is good since the current analyses are preliminary.</li> </ul>	
	<ul> <li>If we have some information we should include it and just mention that it is preliminary.</li> <li>Might be better to wait till the work is finished and put it out in 2013.</li> </ul>	

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	<ul> <li>Most residents of the watersheds get water from the lake so it should be included with an explanation.</li> <li>There is much in place already and this is not urgent.</li> <li>Include a snapshot of knowledge at the time and prepare residents as best we can.</li> <li>It was suggested that we request that the MOE does not approve the proposed assessment reports as submitted to allow the ability to make changes to incorporate the Lake Ontario Collaborative work. Staff have spoken to the MOE and they have no legal authority to hold back approval of the reports when they comply with the legislated requirements. An update will have to be submitted following approval.</li> </ul>	
	HHSPC 11-18 Moved by: Paul Attack Seconded by: Peter Ashenhurst	Doug Cuthbert to contact Susan Fielding for her
	That we amend the Halton Region and Hamilton Region Assessment Reports to include the Lake Ontario Collaborative modelling results, using the CTC updated proposed assessment report text.  Carried with Susan Fielding's vote	vote on the two motions.
	HHSPC 11-19 Moved by: Peter Ashenhurst Seconded by: Paul Attack	Staff to submit a work plan to MOE for the updating of the
	That staff submit a request to the Ministry of the Environment to add the conveyance of oil by way of a pipeline crossing a body of open water as a local threat in Halton Region and Hamilton Region Source Protection Areas.  Carried with Susan Fielding's vote	assessment reports and prepare the update using the CTC text and
	Doug Cuthbert will contact Susan Fielding for her vote as she had to leave early and there wasn't quorum. It was suggested that a telephone survey be used to reach quorum.	appendix.  Staff to submit a request to MOE
	The MOE requires that a work plan be submitted if updates are proposed to assessment reports. The MOE has indicated that updated reports will have to be submitted by early December 2011 to be reviewed and approved prior to the scheduled date for public consultation in February. The updated reports must be submitted through the Source Protection Authority and thus will have to go to their December 1, 2011 meetings. The updated portion of the reports will have to go out for public consultation for 30 days prior to this. Staff were directed to have the updated reports prepared for the September 13, 2011 SPC meeting for review and discussion.	to add conveyance of oil through pipelines
	The addition of the local threat should be straight forward as other source protection regions have already had this threat approved. MOE indicated that sometimes the approval of local threats can be a slow process. A request was made to the MOE to increase resources to be able to review the updated reports in a timely manner to ensure they can be approved in January.	

ITEM	TOPIC/DISCUSSON		ACTION REQUIRED
5.	Other Business - A None	.11	
6.	Comments from Attending Public None		
	Adjournment – Do		
7.	HHSPC 11-20	Moved by: Dave Braden Seconded by: Glen Powell	
	THAT, the Halton-	d.	
		Carried with Susan Fielding'	s vote

Minutes prepared by: Virginia Bancur