

AGENDA

Mississippi-Rideau Source Protection Committee

Date: **October 3, 2013**
Time: **1 pm**
Location: **Rideau Valley Conservation Authority – Monterey Boardroom**
 3889 Rideau Valley Drive, Manotick

Welcome and Introductions			
1.0	a. Agenda Review b. Notice of Proxies c. Adoption of the Agenda (D) d. Declarations of Interest e. Approval of Minutes – June 7, 2012 (D) ▶ draft minutes attached as a separate document f. Status of Action Items – Staff Report Attached (D) g. Correspondence – Energy East Pipeline Letter Attached (I)	Pg. 1 2	<i>Chair Stavinga</i>
Source Protection Plan			
2.0	Summary of Source Water Protection Activities – Staff Report attached (I) Staff will update members on the tasks to prepare for implementation of the Source Protection Plan and to carry out ongoing source water protection work that have been conducted by staff in the Mississippi-Rideau Source Protection Region between September 2012 and October 2013.	8	<i>Allison Gibbons</i>
3.0	Recommended Revisions to the Proposed Source Protection Plan – Staff Report attached (D) Members will consider revisions to the Proposed Mississippi-Rideau Source Protection Plan recommended by the Ministry of the Environment and others.	13	<i>Sommer Casgrain- Robertson</i>
Other			
5.0	Community Outreach – Staff Report Attached (I) Members & staff report on past activities and upcoming events and opportunities	20	<i>Chair Stavinga</i>
6.0	Other Business		<i>Chair Stavinga</i>
7.0	Member Inquiries		<i>Chair Stavinga</i>
8.0	Next Meeting – Future meeting dates to be determined as needed.		<i>Chair Stavinga</i>
9.0	Adjournment		<i>Chair Stavinga</i>

(I) = Information (D) = Decision

Delegations: If you wish to speak to an item on the Agenda please contact Allison Gibbons before the meeting (allison.gibbons@mrsourcewater.ca or 613-692-3571 / 1-800-267-3504 x 1148)

1.0f STATUS OF ACTION ITEMS

Date: October 3, 2013
To: Mississippi-Rideau Source Protection Committee
From: Brian Stratton, Co-Project Manager
Mississippi – Rideau Source Protection Region

Recommendation:

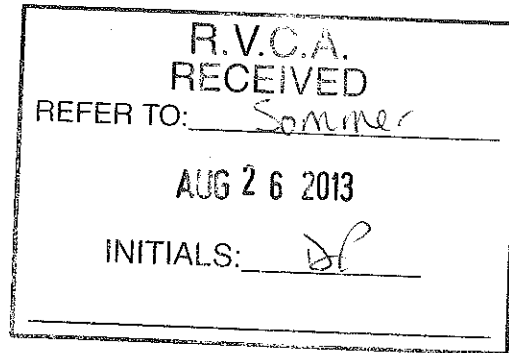
That the Mississippi-Rideau Source Protection Committee receive the Status of Action Items for information.

Staff & Chair Action Items:

Issue		Action	Lead	Status
1	Ottawa River Watershed Inter-Jurisdictional Committee	Encourage MOE to take the lead role in establishing an Ottawa River watershed inter-jurisdictional committee	Chair Stavinga & Brian Stratton	Ongoing Ottawa River Source Water Study being led by Canadian Water Network and University Polytechnique in Montreal. Key partners are City of Ottawa and Ville de Gatineau. Key objectives of study are to: 1) identify critical events that could lead to elevated pathogens at the drinking water intakes, and 2) evaluate the treatment plant's capacity to handle critical events. Mississippi-Rideau source water staff are part of the overall study team, mostly as observers and a link to the Ontario source water approach.
2	Uranium	MVC and local Health Units work together to raise public awareness about naturally occurring uranium in drinking water	Brian Stratton	In Progress Health Canada released a "Uranium and Drinking Water" fact sheet. It is available on their website at http://www.hc-sc.gc.ca/ewh-semt/pubs/water-eau/uranium-eng.php
3	Vacant City of Ottawa seat on SPC	Fill the vacancy on the MRSPC	City of Ottawa staff	In Progress Councillor Doug Thompson joined the Source Protection Committee and Tammy Rose has resigned.

MRSPC Member Action Items:

Issue		Action	Lead	Status
1	Community Outreach opportunities	Members are encouraged to continue to notify staff about events and opportunities to engage the public about source protection and any issues that arise related to source protection.	All members	Ongoing



450 – 1st Street S.W.
Calgary, AB
Canada T2P 5H1

Tel.: 1.855.895.8750
Fax: 1.855.895.8751
Email: EnergyEast@TransCanada.com

Thursday August 1, 2013

Dear Sir/Madam:

For the past several months, TransCanada has been working with prospective shippers to define the scope of the proposed Energy East project that would carry crude oil from Western Canada to Eastern Canadian markets.

On April 15, 2013, TransCanada commenced a binding open season to obtain firm long-term shipping commitments from interested parties. The open season closed on June 17, 2013. Enclosed is a copy of our most recent news release announcing the successful completion of the open season and the results of that process.

TransCanada is committed to an open and respectful engagement process. Across Canada, we have begun our engagement work on the Energy East project by meeting and sharing information with First Nation and Métis communities, community leaders, local, provincial and federal governments, and landowners. This summer and fall, we will be hosting numerous open houses across the country so that anyone who is interested can have an opportunity to meet with project managers and technical staff from TransCanada and learn more about the Energy East project. Times, dates and locations for the open houses are posted on the Energy East website at: www.energyeastpipeline.com.

If you have any questions regarding these documents or would like additional information about TransCanada or the Energy East project, please visit our website at www.energyeastpipeline.com, call us by phone at 1.855.895.8750 (Toll-free), or send us an email at E-mail: EnergyEast@TransCanada.com.

Sincerely:



Steve Pohlod
President, Energy East Pipeline

****Editor's note:** News Conference today at 9:30 AM (MDT). Details below.

TransCanada to Proceed with 1.1 Million Barrel/Day Energy East Pipeline Project to Saint John

Successful Open Season Confirms Strong Support to Move Crude Oil to Eastern Canada

CALGARY, Alberta – **August 1, 2013** – TransCanada Corporation (TSX, NYSE: TRP) (TransCanada) is pleased to announce it is moving forward with the 1.1 million barrel per day (bbl/d) Energy East Pipeline project based on binding, long-term contracts received from producers and refiners. The conclusion of the successful open season confirmed strong market support for a pipeline with approximately 900,000 bbl/d of firm, long-term contracts to transport crude oil from Western Canada to Eastern Canadian refineries and export terminals.

"We are very pleased with the outcome of the open season for the Energy East Pipeline held earlier this year and are excited to move forward with a major project that will bring many benefits across Canada," said Russ Girling, TransCanada's president and chief executive officer. "This is an historic opportunity to connect the oil resources of western Canada to the consumers of eastern Canada, creating jobs, tax revenue and energy security for all Canadians for decades to come."

Girling added that interest in Energy East supports refineries' desire to have access to a stable and reliable supply of Western Canadian crude oil – pushing out more expensive crude oil from foreign regimes. Eastern Canada currently imports approximately 700,000 bbl/d. It also confirms the desire producers have to support safe and innovative ways to get their crude oil to market.

"Energy East is one solution for transporting crude oil but the industry also requires additional pipelines such as Keystone XL to transport growing supplies of Canadian and U.S. crude oil to existing North American markets," added Girling. "Both pipelines are required to meet the need for safe and reliable pipeline infrastructure and are underpinned with binding, long-term agreements."

The project is expected to cost approximately \$12 billion, excluding the transfer value of Canadian Mainline natural gas assets. The Energy East Pipeline will have a capacity of approximately 1.1 million bbl/d and is anticipated to be in service by late-2017 for deliveries in Québec and 2018 for deliveries to New Brunswick.

The Energy East Pipeline project involves converting a portion of natural gas pipeline capacity in approximately 3,000 kilometres (1,864 miles) of TransCanada's existing Canadian Mainline to crude oil service and constructing approximately 1,400 kilometres (870 miles) of new pipeline. The pipeline will transport crude oil from receipt points in Alberta and Saskatchewan to delivery points in Montréal, the Québec City region and Saint John, New Brunswick, greatly enhancing producer access to Eastern Canadian and international markets. The pipeline will terminate at Canaport in Saint John, New Brunswick where TransCanada and Irving Oil have formed a joint venture to build, own and operate a new deep water marine terminal.

While Energy East will use a portion of Canadian Mainline capacity, TransCanada is committed to continuing to meet the needs of its gas customers in eastern Canada and the N.E. United States.

Our 60 years of pipeline experience has taught us that to advance a project of this size, we must engage in open and meaningful discussions with Aboriginal communities and key stakeholder groups. TransCanada has been out in the field collecting data and engaging with Aboriginal and stakeholder groups for the past several months as part of its initial design and planning work for the project and that will continue.

"TransCanada is a leading North American energy infrastructure company with one of the best safety records in the industry and that is something we are very proud of," concluded Girling. "Energy East will be designed and operated with a singular focus on safety – that is what Canadians expect and that is what TransCanada will deliver. We all recognize that oil is essential in our daily lives. We need it to heat our homes, operate our vehicles and make thousands of products we rely on every day. What we must do is ensure the oil is transported safely and reliably."

The company intends to proceed with the necessary regulatory applications for approvals to construct and operate the pipeline project and terminal facilities in early 2014.

For more information about the Energy East Pipeline project, visit the project websites at: www.energyeastpipeline.com or www.oleoducenergieest.com

With more than 60 years' experience, TransCanada is a leader in the responsible development and reliable operation of North American energy infrastructure including natural gas and oil pipelines, power generation and gas storage facilities. TransCanada operates a network of natural gas pipelines that extends more than 68,500 kilometres (42,500 miles), tapping into virtually all major gas supply basins in North America. TransCanada is one of the continent's largest providers of gas storage and related services with more than 400 billion cubic feet of storage capacity. A growing independent power producer, TransCanada owns or has interests in over 11,800 megawatts of power generation in Canada and the United States. TransCanada is developing one of North America's largest oil delivery systems. TransCanada's common shares trade on the Toronto and New York stock exchanges under the symbol TRP. For more information visit: www.transcanada.com or check us out on Twitter @TransCanada or <http://blog.transcanada.com>.

News Conference

TransCanada's President and Chief Executive Officer Russ Girling and TransCanada's President of Energy and Oil Pipelines Alex Pourbaix will host a news conference this morning to discuss the proposed Energy East project. For media not in attendance, web conferencing will be available for the event with an opportunity for media to ask questions over the phone. Please see details below. John Van der Put, vice president of eastern oil pipeline projects, and Philippe Cannon, project spokesperson, will also be available by phone to answer questions for French-speaking media during the conference. TransCanada spokespeople will be available directly afterward in Montréal for follow-up interviews.

Date: Thursday, August 1, 2013

Time: 9:30 a.m. (MDT)

Location: Room 214, TransCanada Tower (+15 level, access via escalators)
450 - 1 Street SW, Calgary

Who: Russ Girling
President and Chief Executive Officer, TransCanada

Alex Pourbaix
President, Energy and Oil Pipelines, TransCanada

Dial-In: To access the live webcast of the news conference visit:
<http://www.gowebcasting.com/4488>

Dial-in for audio feed: 416-695-7806 or 1-888-789-9572
Pass code: 1372070

Other: Audio-visual equipment is located on-site and a media feed will be available for those in attendance

FORWARD LOOKING INFORMATION

This publication contains certain information that is forward-looking and is subject to important risks and uncertainties (such statements are usually accompanied by words such as “anticipate”, “expect”, “would”, “will” or other similar words). Forward-looking statements in this document are intended to provide TransCanada security holders and potential investors with information regarding TransCanada and its subsidiaries, including management’s assessment of TransCanada’s and its subsidiaries’ future financial and operation plans and outlook. All forward-looking statements reflect TransCanada’s beliefs and assumptions based on information available at the time the statements were made. Readers are cautioned not to place undue reliance on this forward-looking information. TransCanada undertakes no obligation to update or revise any forward-looking information except as required by law. For additional information on the assumptions made, and the risks and uncertainties which could cause actual results to differ from the anticipated results, refer to TransCanada’s Quarterly Report to Shareholders dated July 26, 2013 and 2012 Annual Report filed under TransCanada’s profile on SEDAR at www.sedar.com and with the U.S. Securities and Exchange Commission at www.sec.gov and available on TransCanada’s website at www.transcanada.com.

- 30 -

TransCanada Media Enquiries:

Shawn Howard/Grady Semmens/Philippe Cannon (Montréal)
403.920.7859 or 800.608.7859

TransCanada Investor & Analyst Enquiries:

David Moneta/Lee Evans
403.920.7911 or 800.361.6522

July 30, 2013

Open House for TransCanada's Energy East Pipeline Occurring Soon in Your Area

CALGARY, ALBERTA--(Marketwired - July 30, 2013) - TransCanada's Energy East Project Team is moving forward with comprehensive community outreach and invites you to join us at upcoming open houses in your area.

Between August 7th and October 10th, we will be holding 22 open houses in Ontario. During these events, to be held from 4-8 p.m., TransCanada representatives and experts will be available to welcome you individually, answer your questions, provide information and receive your comments. Please feel free to invite anyone you feel would benefit from this public information session.

Light snacks and refreshments will be served.

Following is a list of open houses being held across the province.

We look forward to seeing you there,

The Energy East Community Relations Team

Please visit our website (www.energyeastpipeline.com) for updated open house details and project information.

Schedule: Energy East Open Houses - Ontario

4-8pm August 7, 2013 - Mike Rodden Arena & Community Centre, 450 Hurdman Street, Mattawa

4-8pm August 13, 2013 - Dymond Community Hall, 181 Drive Inn Theatre Road, Dymond

4-8pm August 14, 2013 - Hockey Heritage North, 400 Government Rd. W, Kirkland Lake

4-8pm August 15, 2013 - Tim Horton Events Centre, 7 Tim Horton Drive, Cochrane

4-8pm August 27, 2013 - West Ferris Community Centre, 42 Gertrude St. E., North Bay

4-8pm August 28, 2013 - Kapuskasing Civic Centre, 88 Riverside Drive, Kapuskasing

4-8pm August 29, 2013 - Place des Arts, 75 Ninth St., Hearst

4-8pm September 4, 2013 - Martintown Community Centre, 4850 County Road 20, Martintown

4-8pm September 5, 2013 - Chute-a-Blondeau Community Centre, 2005 Main St., Chute-a-Blondeau

4-8pm September 10, 2013 - Morrisburg Meeting Centre, 12580 County Road 2, Morrisburg

4-8pm September 11, 2013 - Deep River Public Library, 55 Ridge Rd., Deep River

4-8pm September 12, 2013 - Germania Club Pembroke, 15 Bennett St., Pembroke

4-8pm September 16, 2013 - Super Eight Motel, 240 Lakeview Drive, Kenora

4-8pm September 17, 2013 - Vermilion Bay Lions Club Hall, 76 Spruce St., Vermilion Bay

4-8pm September 18, 2013 - The Dryden Regional Training & Cultural Centre (The Centre), 100 Casimir Ave., Dryden

4-8pm September 19, 2013 - Northwoods Motor Inn, Humphrey Rd. & Hwy 17 E, Ignace

4-8pm September 24, 2013 - Thunder Bay Community Auditorium, 1 Paul Shaffer Dr., Thunder Bay

4-8pm September 25, 2013 - Nipigon Community Centre, 138 Wadsworth Dr., Nipigon

4-8pm September 26, 2013 - Geraldton Community Centre, 200 Wardrobe Ave., Geraldton

4-8pm October 2, 2013 - North Grenville Municipal Centre, 285 County Road 44, Kemptville

4-8pm October 3, 2013 - Horton Community Centre, 1005 Castleford Road, Horton

4-8pm October 10, 2013 - Johnny Leroux Stittsville Community Arena, 10 Warner-Colpitts Ln., Stittsville

Note:

Closest in Manitoba: 4-8pm August 29, 2013 - Seine River Banquet Centre, A-80 Arena Road, Ste. Anne

Closest in Quebec: 4-8pm September 25, 2013 - Hotel Capri, 50 Saint-Jean-Baptiste Rd. W., Rigaud

CONTACT INFORMATION:

Energy East Community Relations Team
EnergyEast@TransCanada.com

INDUSTRY: Energy and Utilities - Oil and Gas

If you no longer want to receive announcements from us, please do not reply to this e-mail. Instead simply click [here](#).

2.0 Summary of Source Water Protection Activities – September 2012 to October 2013

Date: October 3, 2013
To: Mississippi-Rideau Source Protection Committee
From: Allison Gibbons, Co-Project Manager
Mississippi-Rideau Source Protection Region

Recommendation:

That the Mississippi-Rideau Source Protection Committee receive for information the summary of source water protection activities (September 2012 to October 2013).

Background

Source Protection Committees across Ontario have developed Proposed Source Protection Plans which contain policies to prevent the contamination and overuse of lakes, rivers and groundwater where they are a source of drinking water. Approval of these plans by the Ontario Ministry of the Environment under the *Clean Water Act* is pending. Implementation of the policies can begin when plans are approved, likely in 2014.

Numerous activities to prepare for implementation of the Source Protection Plan and to carry out ongoing source water protection work have been conducted by staff in the Mississippi-Rideau Source Protection Region between September 2012 and October 2013. This report summarizes these activities.

Source Water Protection Activities – September 2012 to October 2013

Interim Guidance

The Assessment Reports (approved in 2011) show the locations and boundaries of Wellhead Protection Areas and Intake Protection Zones (see Assessment Reports at www.mrsourcewater.ca) but the policies to protect drinking water in these important areas are not yet in effect (see the Mississippi-Rideau Source Protection Plan at www.mrsourcewater.ca). During this “interim period”, source water staff continue to provide guidance to municipalities to address proposed land uses in Wellhead Protection Areas and Intake Protection Zones. This involves:

- Assisting with interpretation of the mapping (is this an area with high vulnerability?);
- Ascertaining the implications of the proposed land use (would activities associated with the proposal be significant drinking water threats?); and
- Providing an explanation of the policies that may apply when the Source Protection Plan comes in to effect.

Although policies are not yet in effect, municipalities are mindful of the Wellhead Protection Areas and Intake Protection Zones as well as the proposed policies to protect these areas and are already taking this information into consideration in their review of planning and building applications. The interim guidance is also helpful for applicants as they need to be fully informed of how their proposal may be impacted by source protection policies that will be in effect in the near future.

Program Administration

The *Clean Water Act* is provincial legislation under the Ministry of Environment that Conservation Authorities are administering at the local level. The Ministry of Environment has certain tracking and reporting requirements which source water staff continue to comply with such as:

- Filing of financial / progress reports
- Updating the policy database
- Contributing to the development of the Source Protection Annual Reporting (SPAR) database
- Continuing to follow information management protocols

Source Protection Plan – Review / Approval Process

The ongoing review / approval process for the Source Protection Plan has involved:

- Responding to questions and preliminary comments from the Ministry of Environment reviewers
- Consulting with stakeholders regarding recommended revisions
- Communications with Ministry of Environment staff who are working on issue resolution with other provincial ministries
- Exploring policy revisions that may help to address implementation challenges
- Following-up on comments received too late to be addressed in the Proposed Source Protection Plan that was submitted to the Ministry of Environment in August 2012.

Collaboration Initiatives

There have been numerous initiatives undertaken to try to reduce the amount of effort and avoid duplication of effort involved with preparing for implementation of Source Protection Plans across Ontario. Source water staff here in the Mississippi-Rideau region have been involved with:

- Contributing to the development of the provincial Implementation Resource Guides being developed by Conservation Ontario
- Organizing and participating in meetings and teleconferences with the other eastern regions to discuss and share ideas to address implementation challenges
- Participating in Project Manager teleconferences and attending Project Manager meetings in Toronto (September 2012 and March 2013)
- Participating in a provincial Part IV working group to share ideas and resources associated with preparing to implement Part IV policies (see below for further explanation)

Preparing to Implement Part IV Policies

Part IV policies refer to those that are written under Part IV of the *Clean Water Act*. These policies prohibit activities (under Section 57), require activities to have in place a Risk Management Plan (under Section 58) or require that certain planning and building applications be reviewed by a Risk Management Official (under Section 59). Municipalities have the responsibility and authority to implement these policies. However, municipalities may delegate authority to another body such as a Conservation Authority.

The majority of the policies in the Mississippi-Rideau Source Protection Plan are Part IV policies. This represents the largest area of responsibility for the municipalities. These are new powers which require the establishment of a new regulatory program. To assist with preparing to implement these policies (whether they are implemented by the municipalities or by the

Conservation Authorities on behalf of the municipalities) source water staff have and continue to be engaged in the following:

- **Risk Management Official / Inspector Training** – Keeping the municipalities informed of upcoming Risk Management Official / Inspector training sessions (offered by the Ministry of Environment and held in Toronto) so that they may send staff to be trained. Rideau Valley Conservation Authority and Mississippi Valley Conservation staff have attended training (a total of five staff have completed the training).
- **“Threat Verification”** – Conducting work to try to determine the number of existing activities that will require Risk Management Plans (letters, phone calls, walk arounds, site visits). This will help in determining the scope of work and associated costs for the bulk of the Part IV policy implementation which will occur within the first three years that the Source Protection Plan is in effect. After three years, when all of the Risk Management Plans for existing activities are in place, work will be limited to applications for new activities. This will be a smaller work load and cost recovery will likely be in effect (e.g., fees similar to a building permit fee).
- **Estimating Costs** – Using the results of the “threat verification” work to provide the municipalities with cost estimates for Part IV implementation for their 2014 budgets.
- **Delegation Agreements** – Drafting delegation agreements for those municipalities that may want to delegate authority for Part IV implementation to the Conservation Authorities. This involves consultation with regulatory staff, issue resolution, review by senior staff, legal review and preparing and presenting information to councils and boards.
- **Administrative / Communication Materials** – Developing inspection procedures, checklists, application forms, templates for official notices required to be issued by the Risk Management Official, etc.

Preparing to Implement Municipal Operations Policies

Municipal operations policies (and other *Clean Water Act* requirements) are those that impact the municipalities’ existing areas of responsibility such as sewer services, roads and building approvals. Source water staff have undertaken the following to help municipalities prepare to implement these policies:

- **Transport Pathways Notification** (a requirement under Section 27 of the *Clean Water Act* Regulation 287/07) – Guidance has been provided to municipalities entailing a procedure to follow, a form to fill out and a fact sheet to provide to applicants.
- **Lot Grade and Drainage Plans** (Policy SEW-3-LB) – An explanation of the requirement (for building permit applicants) has been drafted in consultation with the principal authorities and a staff report has been prepared which can be used by municipal staff to explain this new requirement to municipal councils.
- **Mandatory Connection to Municipal Sewer Services** (Policy SEW-4-LB) – A review of existing sewer use by-laws was conducted which determined that most municipalities will not need to make any amendments to implement this policy.
- **Sanitary Sewer Maintenance Program** (Policy SEW-6-LB) – A review of existing procedures is underway to determine what changes will be required to meet the policy intent. Examples of maintenance programs are being gathered.
- **Road Salt Management Plans** (Policy SALT-3-LB and SALT-5-NLB) – Examples of plans and other existing resources are being gathered to be provided to municipalities. Consideration is being given to holding a “road salt forum” in 2014 to kick-start the road salt initiatives in the region.

- **Emergency Response Plan Updates** (Policy CORR-1-NLB) – A search for available guidance from provincial agencies and examples for other regions is ongoing.
- **Oversight of Earth (Geothermal) Energy Systems** (Policy PATH-1-NLB) – Examples of requirements that exist in some jurisdictions have been provided to municipal working group participants.

Preparing to Implement Education and Outreach Policies

Some work to lay the ground work for the education and outreach policies has been completed:

- **Smart Salt Practices** (Policy SALT-4-LB) – A list of target groups and businesses has been compiled.
- **Living and Working in the Drinking Water Zone** (Policy EDU-1-LB) – Numerous ideas for approaches and examples of materials have been gathered.
- **Sign Policies** (Policies EDU-2-NLB, EDU-3-NLB and EDU-4-NLB) – Source water staff have begun to look at suitable sign locations and have pursued ways to reduce the cost per sign.
- **Transporting Contaminants Through the Drinking Water Zone** (Policy EDU-5-NLB) – A list of target businesses has been compiled. Opportunities to use existing training and other existing avenues to distribute information to these sectors have been investigated.
- **Protecting Regional Groundwater** (Policy EDU-6-NLB) – Ideas are being gathered for redesigning the source water website which would form a central part of this education initiative.

Other Assistance for Municipalities

- Three municipal working group meetings have been held in 2013 (March, June, September) to discuss and plan for implementation and jointly develop implementation resources
- Individual meetings have been held with municipalities who were not represented at the September working group meeting where some critical items such as projected costs for Part IV implementation were discussed
- A Municipal Implementation Resources binder has been prepared and provided to all municipalities who are implementers of legally binding Source Protection Plan policies
- A summary table of municipal responsibilities has been prepared
- Work on how best to integrate source protection plan requirements into building and planning department procedures is ongoing
- Source water protection “E-updates” have been provided to municipalities who are implementers of only non-legally binding policies
- Source water staff have been available to respond to municipal staff and councilor questions and requests
- Access to current scientific information and data (e.g. GIS layers) has been provided

Assistance for other Implementers

- **Principal Authorities** (responsible for septic system approvals) – Meetings were held with Principal Authorities. An update on the status of approval of the Source Protection Plan, a summary table of Principal Authority responsibilities and information on existing properties that will require septic inspection (policy SEW-1-LB) were provided. A procedure for reviewing redevelopment / renovation proposals (policy SEW-2-LB) was developed jointly with the Leeds, Grenville and Lanark District Health Unit and the Ottawa Septic System office.

- **Provincial Ministries** – Ontario Ministry of Agriculture and Food regional staff were consulted regarding some recommended revisions to the Source Protection Plan. It is assumed that provincial ministries and the Technical Standards and Safety Authority are being provided updates on the status of plan review by the Ministry of Environment.
- **Environment Canada** – has been provided with an E-update.
- **Source Protection Authorities** – have been provided with periodic updates.

Ongoing Stakeholder Communications

- Industry associations were provided with an E-update
- An invitation to the October Source Protection Committee meeting was extended to all people and groups who have asked to receive such notifications
- Staff have responded to all requests for information from the public
- The website has been updated to reflect staffing changes and the status of Source Protection Plan review

Continuing to Promote Source Water Protection

Staff continues to promote source water protection through media releases and events, presentations and other means (see Staff Report 5.0 for more details).

Looking Ahead...

Source water staff anticipate focusing on the following activities over the October 2013 to March 2014 period (the end of the current Ministry of Environment funding):

- Continuing to respond to Ministry of Environment comments on the Proposed Source Protection Plan which will involve stakeholder consultation, Source Protection Committee meetings and Source Protection Authority meetings
- Finalizing delegation agreements and administrative / communication materials for Part IV implementation
- Completing the material for the Municipal Implementation Resources binder
- Working on the development of education program materials and the redesign of the source water website
- Continuing to support municipalities and other policy implementers in preparing for Source Protection Plan implementation
- Undertaking post approval activities (notifications, etc.)

3.0 Recommended Revisions to the Proposed Source Protection Plan

Date: October 3, 2013

To: Mississippi-Rideau Source Protection Committee

From: Sommer Casgrain-Robertson
General Manager, Rideau Valley Conservation Authority

Recommendation:

That the Mississippi-Rideau Source Protection Committee endorse the staff recommendations in the attached list of recommended revisions to the Proposed Source Protection Plan.

Background

Source Protection Committees across Ontario have developed Proposed Source Protection Plans which contain policies to prevent the contamination and overuse of lakes, rivers and groundwater where they are a source of drinking water. Review of these plans by the Ontario Ministry of the Environment under the *Clean Water Act* is underway. Implementation of the policies can begin when plans are approved, likely in 2014.

Recommended Revisions

Recommended revisions to the Proposed Source Protection Plan have come from three sources:

1. Ministry of the Environment
 - The MOE has provided us with their first set of comments on our proposed Plan. A second set of comments is expected later this year.
2. Explanatory Document
 - Appendix C contains a couple of comments that were received from the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) in 2012 after we completed our proposed Source Protection Plan for submission to the Minister of Environment
3. Staff
 - Over the past 14 months staff have come across a few revisions that will help with policy implementation and fix minor errors

All comments are listed in the attached table and are accompanied, in most cases, by a staff recommendation about how the comment could be addressed. Staff recommendations are based on consultation with stakeholders and whether or not the policy intent would still be achieved.

3.0

Recommended Revisions to the Source Protection Plan

MOE Comments Formal Letter dated July 18, 2013		Staff Recommendation
1	<p>Policy FERT-2-LB-S58 Commercial Fertilizer – Risk Management Plan The policy excludes “small, non-intensive farms where the number of farm animals is not sufficient to generate five or more nutrient units of manure annually and the concentration is less than one nutrient unit per acre of cropland” from the requirement for a risk management plan. Please provide clarification as to what types of farms this exemption covers. For example, does this exemption include cash crops (i.e. farms with only crops and no animals that may be using only fertilizer and not manure)? Please clarify that if cash crops are included in the exemption and not subject to this policy, then the intent is to use education and outreach (EDU-1-LB) to address these types of farms.</p>	<p>Remove the exemption because:</p> <ul style="list-style-type: none"> • The policy was not intended to exempt cash crop farms as they have the potential to store and apply large amounts of commercial fertilizer. • OMAFRA was consulted about how the exemption could be reworded but no alternative could be found. • <u>Storage</u> of commercial fertilizer circumstances already have a threshold which ensures small users would not be considered a significant threat and therefore would not be subject to the policy. • <u>Application</u> of commercial fertilizer can only be a significant threat at Munster and there is only a small area (one field) outside the urban boundary of Munster where non-residential application could occur so the policy will not be broadly applied.
2	<p>Policy DNAPL-3-LB Sewer Use A sewer use by-law establishing discharge levels for certain parameters does not address the handling and storage of DNAPLs since handling of DNAPLs would not include disposal (i.e., within the sewage system). Given that the by-law would not reduce the risks associated with the handling and storage of DNAPLs, you cannot include it as a legally binding threat policy included on List E of appendix A</p>	<p>Remove the policy because:</p> <ul style="list-style-type: none"> • In previous correspondence with the MOE, staff presented arguments in favour of keeping this policy. Technical staff in the Source Protection Programs Branch reviewed the information provided and still concluded that the policy is not permissible. • The handling and storage of DNAPLs and organic solvents is primarily addressed by other policies in the Source Protection Plan (Risk Management Plan for existing, prohibition for future) so removing this policy will not leave a gap. • The policy intent can still be achieved by municipalities through their sewer use by-law. The municipal working group was consulted on September 19, 2013 and they recommended that the policy be moved to the list of “Additional Recommendations for Municipalities” in Section 6.1 of the Source Protection Plan.

3	<p>Policy ADMIN-5-LB Interruptions / Expansions Policy</p> <p>a) It is our understanding that “seasonal activities” was intended to be captured in this policy. For the sake of clarity for the reader, please include the wording “seasonal activities” in the description of activities in the interruptions policy.</p>	<p>Add the term “seasonal activities” to the description of activities in the policy to provide greater clarity for the reader.</p>
	<p>b) The term “expansion” is used in two of the bullets to describe the footprint of the physical space, as well as to describe the activity. For the sake of clarity for the reader and so that it can be easily understood and implemented in a community planning situation it would be helpful to clarify or revise this wording, i.e. “expansion of the physical space...”</p>	<p>Replace the term “expansion” with “expansion of the physical space” or “expansion of the activity” to provide greater clarity for the reader.</p>
	<p>c) We would like to understand the intended outcome of one of the exceptions in the policy. As written, the second exemption means that an expansion to an existing activity is subject to the existing threat policy unless the expansion is also subject to a regulatory or planning approval. If there is an approval required, the expansion is subject to the future threat policy. Our interpretation of this is that different policies would apply to what is essentially the same outcome: the expansion of a significant drinking water threat activity. We would like to discuss the rationale and intention of this policy in light of some possible scenarios that could come into play with this policy exception. For example, if a proponent were to expand their structure, which includes a planning approval, without expanding their activity, they would not be subject to any policy in the plan. If they then expanded their activity without any additional approvals they would be subject to an <u>existing</u> threat policy. Alternatively, someone undertaking both the expansion of the building and the activity at the same time would be subject to a <u>future</u> threat policy.</p>	<p>Reword the second and third bullets in the policy to eliminate the ability for someone to secure approvals to expand the physical space of their operation followed by later expanding the activity without the need for any additional approvals (this scenario meets the definition of “existing activity” under the current policy wording but is not the intent of the policy). The intent of the policy is to allow an activity to be expanded if it can be achieved without approvals and to allow the physical space to be expanded if it is not to accommodate the expansion of the activity (these are not mutually exclusive).</p>
	<p>d) We would also like to confirm that consultation with the municipalities had taken place on this policy and there are no municipal concerns with this policy.</p>	<p>Provide the following information to the MOE:</p> <ul style="list-style-type: none"> • The policy was originally developed in consultation with the municipal working group on February 16, 2012. • No municipal comments were received on this policy when the draft and proposed Source Protection Plans were posted for consultation in 2012. • MOE’s recommended revisions for this policy were discussed with the municipal working group on September 19, 2013 and they support the staff recommendations.

4	<p>Policy EDU-3-NLB Signs Along Primary Municipal Roads Please revise the wording to align with the wording provided in the February 29th 2012 Ministry of Transportation (MTO) letter which outlines the relevant vulnerability scores and says, “Municipalities will be responsible for the purchase, installation and maintenance of appropriate signs designed by the Province in collaboration with the SPAs.” These revisions are needed to include the vulnerability scores in the policy wording and because the current policy wording implies that the signs are optional. As has been communicated to Committee Chairs, the initiative should be consistent in terms of provincial/municipal effort, messaging, application and location.</p>	<p>In previous communications with the MOE, staff provided the following reasons for maintaining our current policy wording. The Source Protection Programs Branch still concluded that the policy should be reworded.</p> <ul style="list-style-type: none"> • Our current policy wording implies that the signs are optional because they are. Road sign policies can only be a strategic action policy (List J) which is non-legally binding. • We would like to keep the wording of all of our non-legally binding policies the same (“X is strongly encouraged to”). • It is often impractical or impossible to install road signs where our Wellhead Protection Areas are scored 10 because these areas are too small (e.g. it would make more sense to have a sign as you enter downtown Merrickville rather than on either side of the church in downtown Merrickville). The policy wording should therefore enable municipalities to have discretion when choosing final sign locations. <p>The municipal working group was consulted on September 19, 2013. While staff and the working group are reluctant to change the policy wording, we also acknowledge that the MOE is unlikely to accept our policy wording and this could delay the approval of our Source Protection Plan.</p>
5	<p>Policy MON-2-LB Annual Report from the Municipality Some of the requirements of the policy require detailed reporting and/or the scope of the information being requested may go beyond the intent of monitoring policies. The intent of monitoring policies is to track the implementation of threat policies. This outcome could be achieved using the first paragraph of this monitoring policy (which requests a summary of implementation activities), in combination with the list of significant threat policies the monitoring policy corresponds to. Since this policy may be quite onerous for municipalities to implement, we request that the feasibility of the detailed policy be evaluated. The Chair and/or source protection authority should discuss the policy with each of the municipalities to verify the policy feasibility for each of the municipalities and explore the need for revisions. We also request that the intent of monitoring policies be considered during these discussions with municipalities.</p>	<p>Revise the policy because:</p> <ul style="list-style-type: none"> • The detailed list could stay in the general text of the Source Protection Plan outside of the policy box (e.g., in a box entitled “Suggested Content for Annual Reports”). • For consistency, the same change could be made to policy MON-3-NLB – Annual Report from the Municipality – Non-legally Binding Policies. • The municipal working group was consulted on September 19, 2013 and they felt it was unnecessary to have the detailed list in the policy wording. They will, however, be looking for help with their annual reporting so a template could include the listed items as suggested content.

MOE Comments Informal Communication Since Plan Submission		Staff Recommendation
6	<p>PEST-4-LB-S58 and PEST-5-LB-S47 Pesticide Policies The term “custom applicator’s storage yard” is used to describe a specific subset of persons handling and storing pesticide. This term may not be clear to the reader. For the purposes of implementation and for readers of the plan, it would be helpful to provide clarification either as a footnote in the plan or in the explanatory document.</p>	<p>Add the term “custom applicator’s storage yard” to the glossary in the Source Protection Plan.</p>
7	<p>EDU-1-LB Living and Working in the Drinking Water Zone This education and outreach policy is “targeted at residents and businesses”. It would be helpful to the reader to include wording in the explanatory document that indicates that farmers are included in this target group.</p>	<p>Indicate in the Explanatory Document that farmers are included in “residents and businesses”.</p>
OMAFRA Comments Received too late to be included in the submitted Plan		Staff Recommendation
8	<p>LIVE-2-LB-S58, ASM-2-LB-S58, NASM-3-LB-S58 The word “exempt” should be replaced with “this policy does not apply to” for those policies that exempt activities already governed by instruments under the <i>Nutrient Management Act</i>.</p>	<p>Revise the policy wording to say “this policy does not apply to...”</p>
9	<p>NASM-3-LB-S58 It is OMAFRA's view that Category 1 NASM material is sufficiently regulated under the <i>Nutrient Management Act</i> (maximum application rates, agronomic balances). Therefore, we recommend removing the policy requiring a Risk Management Plan for Category 1 NASM material.</p>	<p>Do not remove the policy because:</p> <ul style="list-style-type: none"> • As stated in the Explanatory Document (page 58), category 1 NASM is exempt from the NASM plan requirement but is considered to be a significant drinking water threat. The Risk Management Plan policy is intended to fill this regulatory gap. • OMAFRA staff was consulted about this comment in 2013 and staff explained that while there are regulations for NASM, the policy approach has been to ensure there is either a prescribed instrument or Risk Management Plan in place for the storage or land application of nutrients that is or would be considered a significant threat. This provides an opportunity and a vehicle to determine and implement site-specific protection measures as well as provide greater oversight.

Staff Comments	Staff Recommendation
<p>10</p> <p>ADMIN-1-LB and ADMIN-2-LB Restricted Land Use The current policy will result in too many applications going to the Risk Management Official unnecessarily to receive a notice under Section 59. Many applications could be screened by municipal staff when it is obvious that the proposal will not be subject to Section 57 or 58 policies in the Source Protection Plan.</p> <p>The current policy was written in accordance with MOE guidance but since our Plan was submitted we have received new information from the MOE that we may be able to revise the policy to cut down on the number of applications requiring a notice from the Risk Management Official.</p>	<p>Revise the policy because:</p> <ul style="list-style-type: none"> • We need to address the problem of the Risk Management Official being inundated with requests for notices under Section 59 which will cause undue delays in processing building permit and planning applications. • This issue was discussed at the June 2013 municipal working group meeting. The municipal working group was consulted again on September 19, 2013. They support any measure that can be taken to reduce the number of notices required from the Risk Management Official to maintain efficient building permit and planning application processes while still ensuring that applicable Source Protection policies are flagged.
<p>11</p> <p>Include a reference to the <u>2011</u> Assessment Reports where appropriate throughout the document including:</p> <ul style="list-style-type: none"> • Section 2.2 Drinking Water Sources and Vulnerable Areas (where numbers of systems and municipalities are indicated) • Section 3.1, 3.2, etc. "Policy Intent" (where these subsections indicate numbers of existing significant threat activities identified in the Assessment Reports) • Section 3.6 Commercial Fertilizer and 3.10 NASM (where the yellow Significant Threat Circumstances boxes refer to circumstances that are only met at Munster) • Figures (on the cover page) • Schedules (on the cover page) • Appendix C2 – Policy Codes Summarized by Implementing Body (in the title of the chart) • Appendix D – Maps (on the cover page) • Appendix E – Summary of Consultation Activities (where Assessment Reports are discussed) 	<p>Reference the 2011 Assessment Reports because:</p> <ul style="list-style-type: none"> • The Mississippi-Rideau Source Protection Plan contains policies that are intended to apply to both existing and future vulnerable areas in the region. Therefore, when a new drinking water system is established or an existing vulnerable area is modified, the Assessment Reports will need to be updated but the Source Protection Plan will not. The revised wording proposed by staff will indicate to the reader that the Source Protection Plan applies beyond the 12 original drinking water systems.
<p>12</p> <p>2.4 Policy Tools Add a reference to "Part IV" of the <i>Clean Water Act</i> because "Part IV" is frequently used to collectively refer to Section 57 Prohibition, Section 58 Risk Management Plans and Section 59 Restricted Land Use (e.g. Part IV policies, Part IV powers).</p>	<p>Add a reference:</p> <ul style="list-style-type: none"> • It would be helpful to introduce this term in Section 2.4 of the Source Protection Plan where policy tools are explained.

13	<p>Formatting and Grammatical Errors</p> <p>Over the past 14 months staff have noticed a few minor errors in the Source Protection Plan. These should be corrected before the Plan is approved by the MOE. They include:</p> <ul style="list-style-type: none"> • Page 56 – fix carriage return • Appendix C2, third page, bottom row – remove errant line in fourth column • Appendix C2, fourth page, Ministry of the Environment – remove policies FERT-1-LB-PI-MC, LIVE-1-LB-PI-MC, ASM-1-LB-PI-MC and NASM-1-LB-PI-MC from the list in the second column 	<p>Correct any formatting or grammatical errors:</p> <ul style="list-style-type: none"> • Staff will document these corrections and submit a list to the MOE when the Source Protection Plan is resubmitted for review and approval.
----	---	--

4.0 Community Outreach

Date: October 3, 2013
To: Mississippi-Rideau Source Protection Committee
From: Allison Gibbons, Co-Project Manager
Mississippi – Rideau Source Protection Region

Recommendation:

That the Mississippi-Rideau Source Protection Committee receive the Community Outreach staff report for information.

Background

Staff and the Mississippi-Rideau Source Protection Committee members participate in many different community outreach activities to raise awareness and understanding of source water protection. These activities include information booths at events, presentations at meetings and articles in newsletters and local papers. It is important that staff and members keep each other informed about the activities they are involved in so that we can coordinate our participation and prepare appropriate materials in advance. This includes coordinating with our neighbouring regions for outreach covering Eastern Ontario.

Past Activities

Members & staff are asked to give a verbal update on any other activities that took place since the last SPC meeting related to source protection.

1. *Ontario East Municipal Conference*
 - September 13, 2012 (Sommer presented)
2. *Well Casing Extension Project – Media Events in Kemptville and Merrickville*
 - October 3, 2012 (staff organized and attended)
3. *Latornell Conservation Symposium*
 - November 12-16, 2012 (Sommer presented)
4. *Emergency Management Ontario, Capital Sector Meeting*
 - November 15, 2012 (Raisin-South Nation presented)
5. *Leeds and Grenville Municipal Planners Forum*
 - January 24, 2013 (Cataraqui presented)
6. *Sustainable North Grenville – World Water Day Event*
 - March 21, 2013 (Sommer presented)
7. *Chairs Meeting*
 - March 25-26, 2013 (Scott Bryce, Sommer and Brian participated)
8. *North American Network of Basin Organizations (NANBO) Conference*
 - May 27-29, 2013 (Sommer presented)
9. *Municipal Working Group Meetings*
 - March 6, 2013, Perth
 - June 19, 2013, Smiths Falls
 - September 19, South Elmsley
10. *Mississippi Valley Source Protection Authority Meeting*
 - September 18, 2013 (staff presented)
11. *Rideau Valley Source Protection Authority Meeting*
 - September 26, 2013 (staff presented)
12. *Meetings / Teleconferences with: PMs, CO, Eastern Regions, Stakeholders*
 - Ongoing since September 2012 (Allison, Brian and Sommer participated)

Upcoming Activities

Members & staff are asked to give a verbal update about any other activities they know about in the coming months related to source protection.

1. *Mississippi Valley Source Protection Authority Meeting*
 - October 16, 2013 (staff presenting)
2. *Rideau Valley Source Protection Authority Meeting*
 - October 24, 2013 (staff presenting)
3. *Municipal Working Group Meeting*
 - November 20, 2013
4. *Meetings / Teleconferences with: PMs, CO, Eastern Regions, Stakeholders*
 - Ongoing (Allison and Brian participating)