

Source Protection Committee - MINUTES

Minutes of Meeting of the Essex Region Source Protection Committee (SPC) held on **Wednesday**, **January 10**, **2018**, in the Essex Civic Centre, Committee Room D, 360 Fairview Avenue West, Essex, Ontario.

Members John Barnett Ron Tim Mousseau

Present: Rarrette

Barrette Cynthia Ouellet

Paul Drca – holding proxy for Thom Hunt Hans Peter Pfeifer

Bill Dukes Nelson Santos

Tom Fuerth (Chair) Justine Taylor

Antonietta Giofu Mike Tudor (Health Unit Liaison)

Dave Monk Larry Verbeke (SPA Liaison)

lan Wilson

Absent:

Regrets: Jean-Marc Beneteau

Thom Hunt

Carly Lansens

Staff: Katie Stammler, Project Manager, Source Water Protection/Water Quality Scientist

Candice Kondratowicz, Administrative Associate: Corporate Services

Ashley Gyori, Risk Management Official

Brittany Hayward, Risk Management Assistant

Laura Monforton, Risk Management Assistant

Delegates: None

Guests: None

CALL TO ORDER

The Chair of the SPC, Tom Fuerth, called the meeting to order

CHAIRS WELCOME

Good Afternoon & Happy New Year.

Welcome to Cynthia Ouellet our newest committee member. Cynthia comes to us highly qualified and highly motivated having lived and worked in four different provinces. She was on City of Guelph water committee, worked on a source water protection project while at the City of Calgary.

I'd also like to welcome Brittany Hayward and Laura Monforton who have been working as Risk Management Assistants. Laura has accepted the positon of Risk Management Official and will officially become the RMO once training has been completed.

Brian Wright is here replacing Beth Forrest our MOECC Liaison as she is on her maternity leave. We're not sure how long Brian will be with us, but we do welcome him here today.

In March 2017 Tim Mousseau attended the Chairs meeting which discussed the Provincial Implementation, Annual Reporting Framework (forms, etc.) for ministries and SPA's. MOECC has implemented a Chair 'buddy system'. My 'buddy' is Chair Bill Twaddle from SGSNBP.

Section 60 process to remove oneself from Threat status using 'section 60 risk assessment' rules being developed (stay tuned).

Funding updates... Funding 49 FTE's in 2017

Chair's Roles and Responsibilities complete with manual

SPIA site demo (mapping)

S.36 workplan content: Each workplan must be completed in a 'word' format and contain the following 10 sections:

- 1. Name of each plan that the workplan applies to
- 2. Brief description of area/region

- 3. Experiences to date on plan implementation
- 4. Highlight information from first annual progress report
- 5. Specific plan approval direction from Minister (if applicable)
- 6. Details and rationale on what requires review/updates
- 7. Detailed steps for review
- 8. Timeframes fro the review
- 9. Roles and responsibilities for plan amendments
- 10. What consultation will be undertaken.

I attended the Oct 2017 Chairs meeting.

Engagement activities and empowering SPC's including a communication plan.

Annual Reporting processes... due May 2018 will be an all electronic process by May 2019 Funding: Supports local implementation efforts including:

- Maintaining and providing access to local source protection data;
- · Carry out annual reporting responsibilities;
- Maintain and supporting the operation of the 19 source protection committees, and; continue to raise awareness about source protection

SPMIF not yet fully expended even though was supposed to be in early December 2017. Raises questions about the need for this funding.

Mature SWPP vision includes a recommendation to "encourage protection of drinking water that are not currently included in source protection plans".

Phase 2 Threats review project is underway by 6 working groups consisting of 90 members. These have developed proposals on about half of the items under consideration. These will be posted on the EBR in due course. Consultation is ongoing. Our rep is Katie.

Finally I would like to ask the SPC for a moment of silence for David Watsa who was a past SPC member who passed away on October 26, 2017.

DISCLOSURE OF CONFLICT OF INTEREST

None

AGENDA

1. The Agenda for the Meeting of the Essex Region Source Protection Committee (SPC) held

on Wednesday, January 10, 2018.

Resolution SPC01/18

Moved by John Barnett

Seconded by Ron Barrette

THAT the Agenda for the Wednesday, January 10, 2018, Meeting of the Essex Region Source Protection Committee (SPC) be approved as amended to include an item under New Business.

- CARRIED

MINUTES

1. Minutes of the Meeting of the Source Protection Committee (SPC) held on Wednesday,

February 15, 2017.

Resolution SPC02/18

Moved by Tim Mousseau

Seconded by John Barnett

THAT the Minutes for the Wednesday, February 15, 2017, Meeting of the Essex Region Source Protection Committee (SPC) be approved as amended to include Justine Taylor as present at this meeting.

- CARRIED



CORRESPONDENCE

None

SOURCE PROTECTION AUTHORITY (SPA) INFORMATION

None

MOE LIAISON'S UPDATE

Brian Wright, Liaison Officer provided a brief update to the SPC.

He took over for Beth Forrest in October 2017. His contract with MOE is currently until mid February, so currently unsure what will happen between now and then. Brian was a previous Project Manager starting in 2005 and is now in the role of Liaison.

On December 22nd, we received information on two recent EBR Postings:

- Amendments to Ontario Regulation 287/07 "General" under the Clean Water Act, 2006
- Establishment of a regulation under the Safe Drinking Water Act, 2002

Source Protection Programs Branch will be hosting two consultation sessions on these; January 19th there will be a WebEx and on January 26th in London, ON. Katie can send out further details regarding these sessions for any members interested in taking part. Comments are due by February 20th so any comments can be forwarded directly to your project manager, Katie.

RMO Training is currently scheduled for February 26th and will be 3-4 days in length. Annual reporting for the RMO has a February deadline.

PRESENTATION

Project Manager, Katie Stammler provided a brief powerpoint presentation to the SPC (attached)

REPORTS

1. <u>Report SPC 01/18</u> – Phase 1 changes to Technical Rules and a preliminary assessment of their effect on Source Vulnerability Factors for Type A and B intakes in the Essex Region

Resolution SPC03/18

Moved by Nelson Santos

Seconded by Hans Peter Pfeifer

THAT updates to the Source Vulnerability Factors and associated updated or new policies be included in the Essex Region Source Protection Area Section 36 Workplan due November 30, 2018, and further;

THAT the recommendation be circulated to municipalities for information.

2. **Report SPC 02/18** – Event Based Area Delineation

Resolution SPC04/18

Moved by Dave Monk

Seconded by Bill Dukes

- CA

- CA

THAT Report SPC02/18 be received for information.

 Report SPC 03/18 – Update on Risk Management Services in Essex County

Resolution SPC05/18 Moved by Ian Wilson

Seconded by Tim Mousseau

THAT Report SPC03/18 be received for information.

- CARRIED

4. **Report SPC 04/18** – Annual Reporting

Resolution SPC06/18 Moved by Justine Taylor

Seconded by Nelson Santos

THAT Report SPC04/18 be received for information.

- CARRIED

OTHER BUSINESS

None

NEW BUSINESS

1. Source Protection Committee Membership Size

Chair Fuerth questioned whether the SPC should remain at 15 members or if it should be reduced to 12 members. It was noted that Administration has received Carly Lansens resignation from the SPC due to conflicting schedules with employment and meeting schedules. Thom Hunt has mentioned that he may be stepping aside and assigning another City of Windsor staff member in his place. It takes approximately 3 months for a new member to be assigned to the SPC. Discussions concluded with the desire of the SPC membership size to remain at 15 members. Chair Fuerth and Project Manager Katie Stammler indicated that this matter will be raised from time to time as member replacement is required. The SPC was also asked to circulate the advertisement for new members when it is released.

2. The RMO Package was handed out to the SPC. This package is the folder that landowners are provided when the RMO/A's go on site visits.

It was noted that the contact information sheet should be updated to include local service providers in addition to the out of town providers listed for Spill Kits, Spill Clean ups, etc. RMO Laura Monforton is to work

with City of Windsor representative Paul Drca to update the contact sheet.

MEETING ADJOURNMENT

Resolution SPC07/18

Moved by Tim Mousseau

Seconded by Hans Peter Pfeifer

THAT the meeting be adjourned.

- CARRIED

DATE – NEXT MEETING

The next meeting of the SPC will be held on Wednesday, February 14, 2017 at 4:00PM at the Essex County Civic Centre.



CONCLUSION OF MEETING

Katie Stammler,

Project Manager, Source Water Protection/

Water Quality Scientist



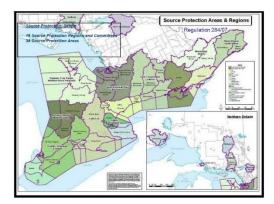
I. Source Protection Program Context

After the Walkerton tragedy in May 2000, Justice Dennis O'Connor was commissioned to lead an inquiry into the contamination of the Walkerton water supply and more broadly, the safety of Ontario's dirinking water.

- Walkerton Inquiry Report made 121 recommendations.
- Clean Water Act, 2006 (CWA) came into force July 3rd, 2007.
 Fulfills 12 of the Justice O'Connor's recommendations.

First Principle - concept of prevention in the safeguarding of our drinking water for our communities and our health.





Key Players

Source Protection Committee (SPC)

- Multi-stakeholder committee, 1/3 municipal representation.
- · Were responsible for (1) terms of reference, (2) assessment report, and (3) source protection plan.
- Ongoing role in any revisions of these documents and in review of annual progress on implementation.

- Source Protection Authority (ConservationAuthority)

 Appoints the SPC and provides administrative and technical support to the Committee.
- Supports implementation and tracks and reports on progress.
- Responsible for plan revisions (s.34, 35, 36) and engaging the SPC, municipalities and others in these revisions





Overviev of the Essex Region Source Protection Area/Plan

- The Essex Region source protection area (ERSPA) watershed is approximately 1,681 km2 and has a population of about 393,000 residents in 11 municipalities.
- The ER PA consists of seven drinking water systems drawing from surface water, ncluding - L ake Erie, Lake St. Clair and the Detroit River. There are no municipal drinking water systems th are supplied by groundwater
- The tran sportation and storage of large volumes of liquid fuel have been identified as a inking water threat throughout the region
- tin-LR (toxin produced by blue green algae) has been identified as a drinking water ssue at all ake Erie intakes
- SPP an AR were submitted January 30, 2015.
- Minister MOECC, approved SPP April 15, 2015
- ntation date October 1, 2015 Implem







Vulnerable Areas - Surface Water (IPZ)

- The vulnerable areas around a surface water intake are known as Intake Protection Zones (IPZs) and there are 3 subareas within the IPZ for water quality:
- IPZ-1: zone closest to intake, most vulnerable, direct and immediate impacts to drinking rater source possible; no spill response time
- IPZ-2: zone further upstream from intake, direct impacts to drinking water source possible; limited spill response time
- IPZ-3: zone covers larger portion of watershed; time available to manage spills.
- EBA: Event Based Area combination of IPZ-1 + IPZ-2 + IPZ-3 for modelled threats

Conservation Authority Authority ERSPA PZ-1 & IPZ-2

Essex Region

Essex Region Conservation Authority



Vulnerability scoring and Threat identification

Vulnerability Score = Area vulnerability factor x Source Vulnerability Factor

- Area vulnerabilityfactor is based on characteristics of the local environment
- Source Vulnerability Factor is based on characteristics of the intake

Risk Score = Vulnerability Score x Hazard Score

- Hazard Score is assigned to each type of threat and is based on a number of
- Risk Score is used to determine whether an activity is a threat for an intake

10

