

Source Protection Committee - MINUTES

Minutes of Meeting of the Essex Region Source Protection Committee (SPC) held on **Wednesday, February 14, 2018**, in the Essex Civic Centre, Committee Room C, 360 Fairview Avenue West, Essex, Ontario.

Members Present: John Barnett – holding proxy for J-M Beneteau
Paul Drca
Tom Fuerth (Chair)
Antonieta Giofu
Thom Hunt
Dave Monk – holding proxy for R.Barrette
Tim Mousseau – holding proxy for B.Dukes
Cynthia Ouellet
Hans Peter Pfeifer
Nelson Santos
Justine Taylor
Larry Verbeke (SPA Liaison)
Ian Wilson

Absent:

Regrets: Jean-Marc Beneteau
Ron Barrette
Bill Dukes
Mike Tudor (Health Unit Liaison)

Staff: Katie Stammer, 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: Monica Reid, Windsor Utilities Commission, Compliance Officer

CALL TO ORDER

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

CHAIRS WELCOME

Good afternoon.

We have several members who have sent regrets for this meeting, Jean-Marc Beneteau, Ron Barrette, Bill Dukes and Mike Tudor. John Barnett is carrying the proxy for Jean-Marc, Dave Monk is carrying the proxy for Ron and Tim Mousseau is carrying the proxy for Bill.

Paul Drca, Katie Stammler and myself attended the recent training session in London, which will be discussed later today.

DISCLOSURE OF CONFLICT OF INTEREST

None

AGENDA

1. The Agenda for the Meeting of the Essex Region Source Protection Committee (SPC) held on Wednesday, February 14, 2018.

Resolution SPC08/18 Moved by John Barnett

Seconded by Ian Wilson

THAT the Agenda for the Wednesday, February 14, 2018, Meeting of the Essex Region Source Protection Committee (SPC) be approved as amended to include the Supplementary Agenda.

- CARRIED

MINUTES

1. Minutes of the Meeting of the Source Protection Committee (SPC) held on Wednesday, January 10, 2018.

Resolution SPC09/18 Moved by Tim Mousseau

Seconded by Hans Peter Pfeifer

THAT the Minutes for the Wednesday, January 10, 2018, Meeting of the Essex Region Source Protection Committee (SPC) be approved as presented.

- CARRIED

CORRESPONDENCE

None



SOURCE PROTECTION AUTHORITY (SPA) INFORMATION

None

MOE LIAISON'S UPDATE

Brian Wright, Liaison Officer provided a brief update to the SPC. There is an upcoming Chair's meeting and a conference call relating to grant funding.

PRESENTATION

None

REPORTS

A PowerPoint summary presentation provided by Katie Stammler is attached.

1. **Report SPC 05/18** – Environmental Bill of Rights update – Establishment of a regulation under the Safe Drinking Water Act, 2002

Resolution SPC10/18 Moved by Thom Hunt

Seconded by Dave Monk

THAT the comments included in Report SPC05/18 be included in a formal response to EBR posting 013-1840 'Establishment of a regulation under the Safe Drinking Act, 2002' - CARRIED

2. **Report SPC 06/18** – Environmental Bill of Rights update – Amendments to Ontario Regulation 287/07 "General" under the Clean Water Act, 2006

Resolution SPC11/18 Moved by Tim Mousseau

Seconded by Justine Taylor

THAT the comments included in Report SPC06/18 be included in a formal response to EBR Registry Number 013-1839 'Amendments to Ontario Regulation 287/07 "General" under the Clean Water Act, 2006'

- CARRIED

3. **Report SPC 07/18** – Update on Source Protection Municipal Implementation Funding

Resolution SPC12/18 Moved by John Barnett

Seconded by Nelson Santos

THAT Report SPC 07/18 be received for information.

- CARRIED

4. **Report SPC 08/18** – Draft responses for the 2017 Annual Reporting template

Resolution SPC13/18 Moved by Thom Hunt

Seconded by Cynthia Ouellet

THAT Report SPC08/18 be received for information.

- CARRIED

OTHER BUSINESS



None

NEW BUSINESS

1. IJC Algae Bloom – there was a recent article published in the Windsor Star

<http://windsorstar.com/news/local-news/lake-erie-facing-deadly-decline-unless-actions-taken-ijc-says>

MEETING ADJOURNMENT

Resolution SPC14/18

Moved by Tim Mousseau

Seconded by Hans Peter Pfeifer

THAT the meeting be adjourned.

- CARRIED

DATE – NEXT MEETING

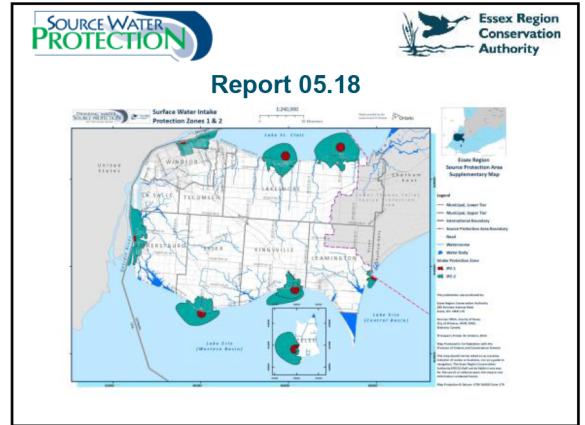
The next meeting of the SPC will be held on Wednesday, April 11, 2018 at 4:00PM at the Essex County Civic Centre.

CONCLUSION OF MEETING



Katie Stammer,
Project Manager, Source Water Protection/
Water Quality Scientist





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Essex Region Conservation Authority

Vulnerability scoring and Threat identification

Vulnerability Score = Area vulnerability factor x Source Vulnerability Factor

- Area vulnerability factor 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 factors
- Risk Score is used to determine whether an activity is a threat for an intake

Category	Nearshore-Shallow Water	Nearshore-Deep water	Offshore-Shallow water	Offshore-Deep Water
Depth	<6m	>6m	<6m	>6m
Distance	<300m	<300m	>300m	>300m
Vulnerability	High	High to Moderate	High to Moderate	Moderate
Proposed SVF	0.7	0.6	0.6	0.5

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21 Prescribed Drinking Water Threat Activities

- 1 – waste disposal
- 2 – sewage
- 3 – application of Agricultural Source Materials
- 4 – storage of Agricultural Source Materials
- 5 – management of Agricultural Source Materials
- 6 – application of Non Agricultural Source Materials
- 7 – handling and storage of Non Agricultural Source Materials
- 8 – application of commercial fertilizer
- 9 – handling and storage of commercial fertilizer
- 10 – application of pesticide
- 11 – handling and storage of pesticide
- 12 – application of road salt
- 13 – handling and storage of road salt
- 14 – storage of snow
- 15 – handling and storage of fuel
- 16 – handling and storage of dense non-aqueous phase liquid (DNAPL)
- 17 – handling and storage of an organic solvent
- 18 – chemicals used in the de-icing of aircraft
- 19 – consumptive water taking
- 20 – activity that reduces the recharge of an aquifer
- 21 – livestock grazing and pasturing

Clean Water Act (General Reg. 287/07)

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Report 06.18

s.34 Amendment (CWA) (SPA Proposes)	i.e. New/expanded systems Completion of technical work Implementation challenges
s.35 Order (CWA) (Minister's Order)	i.e. Minister's discretion (SPA unable to obtain municipal Support for amendments)
s.36 Update (CWA) (Mandatory Review)	i.e. Most SPP revisions e.g. new policies, new technical work
s.51 (O. Reg. 287/07) (SPA's Discretion)	i.e. Minor administrative errors e.g. correction of typographic errors

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Report 02/18

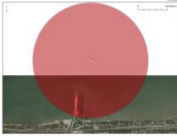
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Report 06.18



Belle River (Lakeshore) IPZ-1



Amherstburg IPZ-1



Windsor IPZ-1

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