



Kettle Creek Source Protection Authority
December 20, 2023

Agenda
11:30 a.m.

Audio/Video Recording Notice

"Board members, staff, guests and members of the public are reminded that the KCSPA Board/Committee meeting is being recorded, and will be posted to the Authority's web site along with the official written minutes. As such, comments and opinions expressed may be published and any comments expressed by individual Board members, guests and the general public are their own, and do not, represent the opinions or comments of the Source Protection Authority and/or the KCSPA Board of Directors.

The recorded video of the KCSP meeting is not considered the official record of that meeting. The official record of the Source Protection Authority meeting shall consist solely of the Minutes approved by the Source Protection Authority."

Introductions and Declarations of Pecuniary Interest

Delegations

Minutes of Meetings

- a) Kettle Creek Source Protection Authority August 16, 20232
Recommendation: THAT the minutes of the August 16, 2023 Kettle Creek Source Protection Authority be approved.

- b) Lake Erie Regional Management Committee Meeting Minutes August 15, 20234

- c) Lake Erie Region Source Protection Committee Meeting Minutes September 28, 2023.....7
Recommendation: THAT the minutes of the August 15, 2023 Lake Erie Regional Management Committee Meeting and the Lake Erie Region Source Protection Committee Meeting of September 26, 2023 be received.

Correspondence

- a) Re: Lake Erie Region Source Protection Committee Municipal Member Nomination.....13
Recommendation:
THAT the correspondence be received; and further

THAT the Kettle Creek Source Protection Authority support the nomination of Alex Piggott, Manager of Environmental Services at the Municipality of Central Elgin, as municipal representative for Group 7 on the Lake Erie Region Source Protection Committee.

Next Meeting As required.

KETTLE CREEK SOURCE PROTECTION AUTHORITY
Wednesday, August 16, 2023, 10:41 a.m.

A meeting of the Kettle Creek Source Protection Authority was held on Wednesday, August 16, 2023 at 10:41 a.m. with members and staff joining in-person and electronically. The meeting was streamed live to Facebook.

VanHooren conducted a roll call with the following members identifying their presence:

Members Present:

Frank Berze	Middlesex Centre	In Person
Lori Baldwin-Sands (Vice Chair)	St. Thomas	In Person
Grant Jones (Chair)	Southwold	In Person
Sharron McMillan	Thames Centre	In Person
Todd Noble	Central Elgin	In Person
Jerry Pribil	London	In Person
Sam Trosow	London	Virtual
John Wilson	Malahide	In Person

Members Absent:

Jim Herbert	St. Thomas
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Staff Present:

Jennifer Dow	Water Resources Supervisor	In Person
Joe Gordon	Manager of Planning and Development	In Person
Jessica Kirschner	GIS/Information Services Coordinator	Virtual
Betsy McClure	Stewardship Program Supervisor	In Person
Elizabeth VanHooren	General Manager/Secretary Treasurer	In Person
Marianne Levogiannis	Public Relations Supervisor	Virtual

Audio/Video Record Notice

The public and members were reminded that the meeting was being recorded as noted below:

Board members, staff, guests and members of the public are advised that the Full Authority Board/Committee meeting is being video/audio recorded, and will be posted to the Authority's web site along with the official written minutes. As such, comments and opinions expressed may be published and any comments expressed by individual Board members, guests and the general public are their own, and do not represent the opinions or comments of the Full Authority and/or the KCCA Board of Directors.

The recorded video of the Full Authority meeting is not considered the official record of that meeting. The official record of the Full Authority meeting shall consist solely of the Minutes approved by the Full Authority.

As some members and guests attended virtually, all votes were recorded and are included in the Recorded Vote Registry.

Declaration of Pecuniary Interest

There were no declarations of pecuniary interest.

Delegations

There were no delegations.

Minutes of Meetings

a) Kettle Creek Source Protection Authority April 19, 2023

KCSPA6/2023

Moved by: Frank Berze

Seconded: John Wilson

THAT the minutes of the April 19, 2023 Kettle Creek Source Protection Authority be approved.

Carried

Correspondence

a) Resignation from the Lake Erie Region Source Protection Committee June 21, 2023

b) News Release: Lake Erie Source Protection Committee Vacancies July 5, 2023

KCSPA7/2023

Moved by: Sharron McMillan

Seconded: Lori Baldwin-Sands

THAT the correspondence be received.

Carried

New Business

a) Submission of the Amended Kettle Creek Source Protection Plan and Assessment Report

KCSPA8/2023

Moved by: Frank Berze

Seconded: Lori Baldwin-Sands

THAT the staff report on the submission of the amended Kettle Creek Source Protection Plan and Assessment Report be received;

AND THAT staff be directed to submit the amended Kettle Creek Source Protection Plan and Assessment Report to the Minister of the Environment, Conservation and Parks for approval.

Carried

The meeting adjourned at 10:46 a.m.



Elizabeth VanHooren
General Manager/Secretary Treasurer

Grant Jones
Chair

Recorded Vote Registry KCSPA6/2023 to KCSPA8/2023
A=Absent Y=Yes N=No

Board Member	KCSPA6/2023	KCSPA7/2023	KCSPA8/2023
Baldwin-Sands	Y	Y	Y
Berze	Y	Y	Y
Herbert	A	A	A
Jones	Y	Y	Y
McMillan	Y	Y	Y
Noble	Y	Y	Y
Pribil	Y	Y	Y
Trosow	Y	Y	Y
Wilson	Y	Y	Y
Result	Carried	Carried	Carried

LAKE ERIE SOURCE PROTECTION REGION MANAGEMENT COMMITTEE MEETING MINUTES OF August 15, 2023

The following is a summary of the virtual Lake Erie Source Protection Region Management Committee (LERMC) Meeting held at 1:30 p.m. on August 15, 2023.

Present: C. White (Chair), J. Maxwell, D. Underhill, P. Buchner, E. VanHooren, G. Jones, S. Dahmer, J. Ivey, K. Rosebrugh

Regrets: S. Lawson, J. Scholten, A. Dale

1. Call to Order

The meeting was called to order at 1:30 p.m.

2. Review and Approval of Agenda

Moved by G. Jones

Seconded by D. Underhill

THAT the meeting agenda for August 15, 2023 be approved as distributed.

Carried

3. Declarations of Pecuniary Interests

None

4. Review and Approval of Minutes of Previous Meeting (May 3, 2023)

Moved by D. Underhill

Seconded by G. Jones

THAT the minutes of the previous meeting of May 3, 2023 be approved.

Carried

5. Correspondence

None

6. Presentation

None

7. Source Protection Program Reports

a) Report 23-08-01 – Program Manager’s Report

S. Dahmer presented report 23-08-01.

Moved by J. Maxwell

Seconded by G. Jones

THAT report 23-08-01 Program Manager's Report be received as information.

Carried

b) Report 23-08-02 – SPC Member Update

S. Dahmer presented report 23-08-02 and highlighted the following:

- The Region of Waterloo has nominated Geoff Moroz, the new Manager of Hydrogeology and Source Water, to replace Eric Hodgins as municipal representative on the SPC.
- The term of appointment for business and industry representative Ian Macdonald expired in May 2023. Ian has reapplied for the position and included a letter of endorsement from the Kitchener Waterloo Chamber of Commerce. No other applications were received.
- Two vacancies for public interest representatives were advertised in the month of July. Three (3) applications were received:
 - 1) Linda Dickson – returning public interest representative
 - 2) Chris Gerrits – mayor of the Township of Amaranth and municipal representative on SGBLS and CTC Source Protection Committees
 - 3) Louissette Lanteigne – Waterloo Region resident and environmental activist

LERMC considered all applications received and recommended member appointments as per the following resolutions:

Moved by G. Jones

Seconded by J. Maxwell

THAT the Lake Erie Region Management Committee recommend that Geoff Moroz be appointed to the Source Protection Committee for a four-year term, as a municipal representative for the Region of Waterloo;

AND THAT the Lake Erie Region Management Committee recommend that Ian MacDonald be re-appointed to the Source Protection Committee for a four-year term, as an economic representative for business and industry.

Carried

Moved by E. VanHooren

Seconded by D. Underhill

THAT report 23-08-02 Source Protection Committee Member Update be

received for information;

THAT the Lake Erie Region Management Committee recommend that Linda Dickson be re-appointed to the Source Protection Committee for a four-year term, as a public interest representative;

AND THAT the Lake Erie Region Management Committee recommend that Chris Gerrits be appointed to the Source Protection Committee for a four-year term as a public interest representative.

Carried

LERMC members discussed refining the review process for SPC public interest member applications. It was agreed that an interview process would be beneficial moving forward. A set of interview questions should be developed and vetted through the LERMC and applicants would be notified of a potential interview prior to applying.

8. Joint Advisory Committee (JAC) Update

None

9. Business Arising from Previous Meetings

None

10. Update from Conservation Authorities

None

11. New Business

None

12. Date of Next Meeting

Next meeting date TBD

13. Adjourn

The meeting adjourned at 1:44 p.m.

Moved by E. VanHooren

Seconded by J. Maxwell

Carried

LAKE ERIE REGION SOURCE PROTECTION COMMITTEE MEETING MINUTES

Date: September 28, 2023

Time: 1:00 pm

Location: Auditorium
Grand River Conservation Authority

Chair: A. Dale (acting)

Members Present: L. Davis, L. Dickson, P. Emerson, A. Henry, K. Hunsberger,
M. Jauernig, L. Jones, P. Rider, F. Sault, G. Schneider,
J. Sepulis, B. Strauss, B. Ungar, L. Vandendriessche, P. Wilson

Members Absent A. Domaratzki, R. Krueger, I. Macdonald, B. Whitwell, N. Wright

Proxy representatives: P. Emerson (A. Dale), P. Rider (A. Domaratzki)

Liaisons: B. Forrest (Provincial Liaison), J. Maxwell (Source Protection
Authority Liaison)

Staff: S. Dahmer, E. Persaud, K. Rosebrugh, S. Sutherland

1. Call to Order

A. Dale called the meeting to order at 1:02 p.m.

2. Roll Call and Certification of Quorum – 14 Members Constitute a Quorum (2/3 of Members plus Chair)

The Recording Secretary called the roll and certified a quorum with 18 members present.

3. Chair's Remarks

A. Dale made the following remarks:

- Returning members I. Macdonald and L. Dickson and new members C. Gerrits and G. Moroz have been appointed to the Source Protection Committee (SPC).
- Upcoming meetings are tentatively scheduled for October and November and will continue to be held in-person with a hybrid option for those who can only attend virtually.
- The Province does not provide funding for SPC hospitality; therefore, future in-person meetings will not include lunch.

4. Updates

4.1 Update from Source Protection Authority Liaison, Long Point Region Conservation Authority

J. Maxwell noted that work on updating all four source protection plans remains ongoing with good progress. Lake Erie Region staff are working diligently to keep all amendments on track.

4.2 Update from Ministry of the Environment, Conservation and Parks

B. Forrest noted that the Guelph-Guelph/Eramosa Township (GGET) water quantity policies impacting Permits to Take Water was submitted for early engagement to the Ministry of Environment, Conservation and Parks (MECP) at the end of June 2023. MECP is actively working on reviewing the submission and hope to provide comments in the next few weeks. MECP is also in discussions with the Ministry of Natural Resources and Forestry (MNR) regarding the proposed GGET policies related to the Aggregate Resources Act.

4.3 Update from Conservation Ontario, Leslie Rich

A. Dale shared that Conservation Ontario liaison D. Balika is on a secondment and L. Rich will be filling the position in the interim.

5. Review of Agenda

Res. No. 31-23

Moved By A. Henry

Seconded By B. Strauss

THAT the agenda of September 28, 2023 be approved as distributed.

Carried

6. Declarations of Pecuniary Interest

There were no declarations of pecuniary interests made in relation to the matters to be dealt with.

7. Minutes of the Previous Meeting

Res. No. 32-23

Moved By L. Dickson
Seconded By J. Sepulis

THAT the minutes of the previous meeting on June 22, 2023 be approved as circulated.

Carried

8. Hearing of Delegations

None.

9. Presentations

None.

10. Correspondence

None.

11. Reports

11.1 SPC-23-09-01 Source Protection Program Update

S. Dahmer presented report SPC-23-09-01.

A. Dale noted that the efforts by the Province to simplify annual reporting is much appreciated and that he looks forward to the coordinated response provided by Conservation Ontario in response to the Provincial proposals posted on the Environmental Registry of Ontario.

Res. No. 33-23

Moved By P. Emerson
Seconded By C. Gerrits

THAT report SPC-23-09-01 Source Protection Program Update be received as information.

Carried

11.2 SPC-23-09-02 City of Guelph Calico and Rocco/Membro System Updates

E. Persaud presented report SPC-23-09-02.

Res. No. 34-23

Moved By B. Ungar
Seconded By P. Rider

THAT report SPC-23-09-02 City of Guelph Calico and Rocco/Membro System Updates be received as information.

AND THAT the Lake Erie Region Source Protection Committee direct staff to incorporate the Calico and Rocco/Membro system updates into the Grand River Assessment Report.

Carried

11.3 SPC-23-09-03 Regional Municipality of Waterloo Strange Street System Update

E. Persaud presented report SPC-09-03.

Res. No. 35-23

Moved By B. Strauss

Seconded By G. Moroz

THAT report SPC-23-09-03 Regional Municipality of Waterloo Strange Street System Update be received as information.

AND THAT the Lake Erie Region Source Protection Committee direct staff to incorporate the Strange Street system update into the Grand River Assessment Report.

Carried

11.4 SPC-23-09-04 Assessment of Percent Managed Lands, Livestock Density, and Imperviousness within the Brantford IPZ-1 & IPZ-2

S. Sutherland presented report SPC-23-09-04.

P. Emerson noted that the updated assessment of imperviousness could mean additional significant drinking water threats and asked how that will be addressed. S. Sutherland confirmed that Risk Management Officials (RMOs) will undertake an updated threats assessment and provide a revised threat count for incorporation into the Assessment Report.

S. Dahmer added that the RMOs for Brant and Brantford will also be assessing whether any policy revisions are needed to capture additional threats, which would become part of the amendment package.

L. Davis asked for clarification on what constitutes an impervious area.

S. Sutherland explained that impervious areas are paved surfaces such as roads, sidewalks, driveways, and parking lots. Imperviousness in this context is used to assess the likelihood of road salt application.

A. Dale added that there has been tremendous change in land use with an increase in impervious areas. The multi-barrier approach to source protection helps to capture these land use changes early on as lands develop.

L. Jones noted that given the level of urban development in Brantford, Paris etc., there is likely an existing policy that captures the

imperviousness thresholds and asked what the extent of a new policy would be. S. Dahmer agreed that existing policies are likely in place; however, the MECP revised the Technical Rules in 2021 adding new threat circumstances which may not be covered under existing policies. Road salt policies in particular need to be reviewed to ensure that all the threat circumstances under the new 2021 Technical Rules are being captured. Revised road salt policies for Brant were brought to the SPC in June and policy updates for Brantford are underway and will be brought to the SPC in the near future.

P. Emerson added that an increase in impervious area is not unique to Brantford. He felt the SPC should be looking at road salt application across the Grand River watershed at a high level and assisting all municipalities with updates to road salt policies. He asked if municipalities will be tackling this individually, each with unique policy approaches. S. Dahmer noted that the Grand River Source Protection Plan is municipally driven with individual municipal chapters and policy sets; however, the Implementation Working Group (IWG) will be participating in collaborative sessions as a group to discuss policy revisions for the comprehensive section 36 update. P. Emerson affirmed that the collaborative approach makes the most sense in this case.

Res. No. 36-23

Moved By L. Dickson
Seconded By J. Sepulis

THAT report SPC-23-09-04 Assessment of Percent Managed Lands, Livestock Density, and Imperviousness within the Brantford IPZ-1 & IPZ-2 be received as information.

AND THAT the Lake Erie Region Source Protection Committee direct staff to incorporate the updated Percent Managed Lands, Livestock Density and Percent Impervious Surface Area results into the Grand River Assessment Report.

Carried

12. Business Arising from Previous Meetings

Local aggregate threat request under Technical Rule 119: Discussion has been referred to the Lake Erie Region IWG for further consideration.

A. Dale reported that IWG discussion on this matter remains ongoing.

13. Other Business

L. Davis shared the water quality benefits of winter cover crops on agricultural fields. He felt that an initiative where farmers could erect a sign showing they plant cover crops would raise awareness in the agricultural community.

S. Dahmer noted that source protection education and outreach initiatives are typically implemented by municipalities; however, the GRCA has stewardship staff who could connect with municipalities and possibly explore this more.

B. Ungar added that such an initiative would be beyond of the scope of the SPC. Land stewardship committees operating under the four Conservation Authorities, the Ontario Federation of Agriculture, and Ontario Soil and Crop would be appropriate contacts.

P. Emerson stated that the GRCA has a robust Rural Water Quality Program (RWQP) and there may be grants available. L. Davis clarified that such grants are only available once and many farmers are not aware of federal grants either. The signage would prompt farmers to consider cover crops and to seek out information or grant funding.

C. Gerrits confirmed that the RWQP is very successful in Dufferin County, including the living snow fence program to reduce soil erosion. He agreed that connecting with stewardship groups would be a good way to explore options for signage and requested that GRCA provide a presentation to the SPC on their stewardship programs. L. Davis offered to participate in future discussions with stewardship staff as needed.

F. Sault asked who she could reach out to discuss an underground spring located on private property. S. Dahmer offered to receive the inquiry and direct internally as appropriate.

14. Closed Meeting

Not applicable.

15. Next SPC Meeting

October 26, 2023 at 1:00 p.m.

P. Emerson asked if a bus tour for SPC members could be considered in the near future. A. Dale confirmed that Lake Erie Region staff would need to consider if this is feasible and could explore meeting in an alternative location as well.

16. Adjourn

The meeting was adjourned at 2:05 p.m.

Res. No. 37-23

Moved By A. Henry

THAT the Lake Erie Source Protection Committee meeting of September 28th, 2023 be adjourned.

Carried



November 15, 2023

Don Shropshire, Interim CAO/Clerk
Elgin County
450 Sunset Drive
St. Thomas, ON
N5R 5V1

Re: Lake Erie Region Source Protection Committee Municipal Member Nomination

Dear Mr. Shropshire,

We write to inform you that Lloyd Perrin, Director of Asset Management and Development at the Municipality of Central Elgin, announced his retirement in June 2023, leaving a vacant seat on the Lake Erie Region Source Protection Committee (SPC). Lloyd was the municipal representative for Group 7, covering the geographic areas of Elgin, Middlesex, St. Thomas, and London.

The SPC is a 24-member multi-stakeholder committee comprised of seven municipal representatives, seven economic sector representatives, seven public interest representatives and three First Nations representatives.

Additional details on the functions and obligations of SPC members are attached for your reference.

Municipal groupings for the SPC were established in 2007. As per the Clean Water Act, municipal members are appointed by the Source Protection Authority, who must select the person jointly nominated by the municipalities in the grouping.

Lloyd Perrin was a long standing member on the SPC, representing Group 7 from 2007 to 2023. Since Lloyd's retirement, Central Elgin has nominated **Alex Piggott** – Manager of Environmental Services – to take over as municipal representative for Group 7 for a four year term. Central Elgin council passed a resolution on October 23, 2023 in support of this nomination.

To assist the Source Protection Authority in appointing a jointly nominated representative for Group 7, we ask that your municipality consider providing a council resolution to support the nomination of Alex Piggott.

Sample resolution wording is provided below:


THAT Council supports the nomination of Alex Piggott, Manager of Environmental Services at the Municipality of Central Elgin, as municipal representative for Group 7 on the Lake Erie Region Source Protection Committee.

To ensure a representative is appointed in time for future SPC meetings planned in 2024, we ask that your council resolution be provided to the undersigned no later than **February 29, 2024**.

If you have any questions regarding this process, or would like assistance, please do not hesitate to contact Lake Erie Region staff.

We look forward to receiving your joint nomination of a municipal representative.

Sincerely,



Shari Dahmer
Source Protection Program Manager
Lake Erie Source Protection Region
c/o Grand River Conservation Authority
400 Clyde Road, PO Box 729
Cambridge, ON N1R 5W6
sdahmer@grandriver.ca

Summary of the Functions of the Lake Erie Region Source Protection Committee

The Lake Erie Region Source Protection Committee is responsible for guiding the development and update of four source protection plans, one for each source protection area within the Lake Erie Region: Grand River, Long Point Region, Catfish Creek and Kettle Creek. A map of the Lake Erie Region has been included at the end of this document.

The development and update of the plans involves municipalities, farmers, businesses, industry, residents, First Nations and others. The source protection committee's role is to guide the collaborative process that identifies the sources of municipal drinking water, the threats to both water quality and water supplies, and propose actions that can be taken to protect municipal drinking water supplies.

The committee oversees the preparation and updates of these major documents:

- **Terms of Reference**

The terms of reference was the “work plan” of the process, outlining who is responsible for carrying out the work needed to develop source protection plans. The terms of reference included a plan to consult with potentially affected property owners, to involve the public and to resolve disputes. (Ontario Regulation 287/07 - Terms of Reference). The terms of reference for each source protection area was completed in 2009.

- **Assessment reports**

The assessment reports identify municipal drinking water sources and potential threats to both water quality and water supplies for each watershed. As new information becomes available, e.g., new wells are planned, the assessment report needs to be updated. The assessment report forms part of the source protection plan.

- **Source protection plans**

The source protection plans for each watershed set out policies on how significant drinking water threats will be reduced, eliminated or prevented, who is responsible for taking action, timelines and how progress will be measured. The plans propose a range of tools that can be used to accomplish these goals. The first Source Protection Plans for the Lake Erie Region's four source protection areas have been approved in 2014 and 2015. Source protection plans are updated on a regular basis as new information becomes available through plan implementation, and as assessment reports are updated.

Further information about the Lake Erie Source Protection Region can be found at www.sourcewater.ca.

Note: Under the Clean Water Act, 2006, the four conservation authorities in the Lake Erie Region have been designated "source protection authorities" e.g. Grand River Source Protection Authority (Grand River SPA). The four watersheds have been designated "source protection areas," e.g. the Grand River Source Protection Area.

Summary of the Obligations of Lake Erie Region Source Protection Committee Members

Qualifications of committee members

- demonstrated ability to understand source protection science, concepts and technical reports;
- proven ability to act as liaison for the sector being represented;
- problem-solving, analytical, communication and organizational skills;
- an openness to working together and with representatives from other sectors;
- knowledge of locals, communities and issues;
- demonstrated ability to work with group dynamics and team environments;
- conciliatory decision-making skills;
- willingness to travel around the source protection region
- Members of the Source Protection Committee must:
 - reside in, own or rent property within the source protection region, OR
 - be employed or operate a business within the source protection region, OR
 - be employed by a municipality that is in the source protection region,
- Members of the Source Protection Committee must not be a member or employee of a conservation authority in the Lake Erie Source Protection Region

Responsibilities of committee members

- participate fully and work positively toward a successful conclusion of the source protection planning process
- act as liaisons by bringing forward common concerns from their knowledge and experience in their sector to the committee and assist in communicating the committee's work;
- make decisions at the committee table;
- serve on province-wide committees on special issues or participate in events, as a representative of the committee, at the request of the chair;
- attend public information sessions and participate in public consultation forums;
- respect confidential information and abide by the process in place to safeguard confidential information.

Time commitment and remuneration

The Lake Erie Region Source Protection Committee meets about four times each year. Meetings are scheduled depending on workload and timelines. Meetings are typically held at the head office of the Grand River Conservation Authority (400 Clyde Road, Cambridge). Occasionally meetings are held in other parts of the Lake Erie Source Protection Region.

Committee members should expect to work about four days a year attending meetings and occasional public events.

Committee members are typically appointed for a four year term.

An honorarium and travel expenses will be paid at rates set by the Grand River Source Protection Authority.

Map 1: Municipal Groups for the Selection of Source Protection Committee Representation

