



**Kettle Creek Source Protection Authority**  
**April 17, 2024**

**Agenda**  
**11:00 a.m.**

**Audio/Video Recording Notice**

**Land Acknowledgement**

Kettle Creek Conservation Authority wishes to acknowledge the treaty and traditional lands originally occupied by the Indigenous First Nation peoples of the Anishinabek, Attiwonderonk and Haudenosaunee nations. KCCA strives to build meaningful relationships with Indigenous communities and recognizes the importance of respecting these treaties and lands.

**Introductions and Declarations of Pecuniary Interest**

**Delegations**

**Election of Officers and Administrative Approvals**

**Recommendation:** That the Chair, Vice Chair and all officers elected or appointed by the Kettle Creek Conservation Authority in 2024 serve in the same roles for the Kettle Creek Source Protection Authority in 2024.

**Minutes of Meetings**

a) Kettle Creek Source Protection Authority December 20, 2023 .....3

**Recommendation:** THAT the minutes of the December 20, 2023 Kettle Creek Source Protection Authority be approved.

b) Lake Erie Source Protection Region Management Committee Meeting November 23, 2023 ....6

c) Lake Erie Region Source Protection Committee Meeting November 30, 2023 .....9

**Recommendation:** THAT the minutes of the November 23, 2023 Lake Erie Source Protection Region Management Committee and the minutes of the November 30, 2023 Lake Erie Region Source Protection Committee Meeting be received.

**New Business**

a) Kettle Creek Annual Progress Report.....18

**Recommendation:** THAT the staff report on the Kettle Creek Annual Progress Report be received as information.

That in the opinion of the Kettle Creek Source Protection Authority implementation of the Kettle Creek Source Protection Plan is progressing well and is on target towards achieving plan objectives.



AND THAT the Kettle Creek Source Protection Authority direct Lake Erie Source Protection Region staff to submit the Kettle Creek Annual Progress Report to the Ministry of the Environment, Conservation and Parks.

**Next Meeting** As required.

**KETTLE CREEK SOURCE PROTECTION AUTHORITY**  
**Wednesday, December 20, 2023, 12:12 p.m.**

A meeting of the Kettle Creek Source Protection Authority was held on Wednesday, December 20, 2023 at 12:12 p.m. with members and staff joining in-person and electronically.

**Members Present:**

Frank Berze	Middlesex Centre	In Person
Lori Baldwin-Sands (Vice Chair)	St. Thomas	In Person
Jim Herbert	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	In Person
John Wilson	Malahide	In Person

**Staff Present:**

Michael Buis	LWCA Coordinator	Virtual
Jennifer Dow	Water Resources Supervisor	Virtual
Joe Gordon	Manager of Planning and Development	In Person
Jessica Kirschner	GIS/Information Services Coordinator	Virtual
Brandon Lawler	Forest and Lands Technician	Virtual
Jeff Lawrence	Forestry and Lands Supervisor	Virtual
Betsy McClure	Stewardship Program Supervisor	Virtual
Elizabeth VanHooren	General Manager/Secretary Treasurer	In Person

**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.*

**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 August 16, 2023

**KCSPA9/2023**

**Moved by: Todd Noble**

**Seconded: Jim Herbert**

THAT the minutes of the August 16, 2023 Kettle Creek Source Protection Authority be approved.

**Carried**

b) Lake Erie Regional Management Committee Meeting Minutes August 15, 2023

c) Lake Erie Region Source Protection Committee Meeting Minutes September 28, 2023

**KCSPA10/2023**

**Moved by: Frank Berze**

**Seconded: Lori Baldwin-Sands**

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.

**Carried**

**Correspondence**

a) Re: Lake Erie Region Source Protection Committee Municipal Member Nomination

**KCSPA11/2023**

**Moved by: Sam Trosow**

**Seconded: Todd Noble**

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.

**Carried**

**KCSPA12/2023**

**Moved by: Jerry Pribil**

**Seconded: Sharron McMillan**

That the meeting adjourn at 12:15 p.m.

**Carried**



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Elizabeth VanHooren  
General Manager/Secretary Treasurer

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Grant Jones  
Chair

DRAFT

**LAKE ERIE SOURCE PROTECTION REGION  
MANAGEMENT COMMITTEE (LERMC) MEETING**

**MEETING MINUTES OF  
November 23, 2023**

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

**Regrets:** G. Jones, S. Lawson, J. Scholten

**1. Call to Order**

The meeting was called to order at 1:00 p.m.

**2. Review and Approval of Agenda**

**Moved by** P. Buchner

**Seconded by** C. White

THAT the meeting agenda for November 23, 2023 be approved as distributed.

**Carried**

**3. Declarations of Pecuniary Interests**

None

**4. Review and Approval of Minutes of Previous Meeting (August 15, 2023)**

**Moved by** C. White

**Seconded by** D. Underhill

THAT the minutes of the previous meeting of August 15, 2023 be approved.

**Carried**

**5. Correspondence**

a) Quinte Source Protection Committee to Andrea Khanjin, Minister of the Environment Conservation and Parks, regarding concerns with the current status of drinking water source protection in the Quinte Source Protection Region (October 27, 2023)

b) Ministry of Environment, Conservation and Parks regarding Lake Erie Source Protection Region's request for extension to submit the s. 36 update to the Long Point Region Source Protection Plan (November 6, 2023)

**Moved by** C. White

**Seconded by** J. Maxwell

THAT the correspondence be received as information.

**Carried**

**6. Presentations**

None

## **Source Protection Program Reports**

### **a) Report 23-11-01 – Program Manager’s Report**

S. Dahmer presented report 23-11-01.

S. Dahmer highlighted that consultation periods for Environmental Registry of Ontario (ERO) postings are short and it is difficult for the Source Protection Committee (SPC) to review and comment within their meeting schedule. The current Rules of Procedure do not provide alternative methods for calling SPC to a vote. S. Dahmer asked for direction from LERMC on how time-sensitive matters could be brought to the SPC outside of a formal meeting.

LERMC members agreed that SPC feedback on ERO postings is important. It was recommended that the Rules of Procedure be amended to allow greater flexibility for voting when timing is critical (e.g. corresponding through email). C. White noted that a meeting should still be called for controversial matters. S. Dahmer added that an amendment to the Rules of Procedure must be vetted through LERMC, brought to the SPC, and approved by the Source Protection Authority.

J. Maxwell asked for clarity on the process for receiving additional Provincial funding for source water technical work. S. Dahmer clarified that the Province announced in April that funding was available and asked Program Managers to submit proposals. The projects submitted by Lake Erie Source Protection Region (LESPR) were brought forward by municipalities. The funds are being provided to LESPR and then being paid to the consultants who will perform the technical work. This was not previously eligible; however, the Province has made an exception. It is uncertain how this eligibility will look in the next Transfer Payment Agreement.

**Moved by** D. Underhill

**Seconded by** J. Maxwell

THAT report 23-11-01 Program Manager’s Report be received for information.

**Carried**

### **b) Report 23-11-02 – Financial Update**

S. Dahmer presented report 23-11-02.

J. Maxwell asked if the next Transfer Payment Agreement will be for two years. S. Dahmer noted that the Province is hopeful for another multi-year agreement; however, they have not committed to this yet. LESPR staff do anticipate a two-year agreement and will be reaching out to LERMC members to confirm staffing rates for the next two-year cycle.

**Moved by** P. Buchner

**Seconded by** J. Maxwell

THAT the Lake Erie Source Protection Region Management Committee direct staff to finalize and submit the 2022/24 Interim Financial Progress Report to the Ministry of the Environment, Conservation and Parks by November 30, 2023.

**Carried**

## **7. Joint Advisory Committee Update**

None

## **8. Business Arising from Previous Meetings**

None

## 9. Update from Conservation Authorities

### Catfish Creek (D. Underhill)

- Staff have been busy preparing the budget and wrapping up 2023 grants.
- An upcoming Spirit Walk is being held at Springwater Conservation Area.
- The Strategic Plan (10 year) expired this year, and the new Strategic Plan is out for public consultation.
- Work to finalize the Conservation Strategy and meet regulatory deliverables is ongoing.

### Long Point Region (J. Maxwell)

- The budget (5.4% increase) was presented to the Board and was recommended for consultation with municipalities.
- Ongoing projects include the Victoria Dam Environmental Assessment, with a public meeting in December, and a hydrology study for part of the watershed
- The 2023 camping season was very successful.
- Staff are also working on meeting regulatory deliverables and are exploring in-house resources to reduce consultant costs.

### Grand River (C. White)

- Focus has been on budgets and completing Memorandums of Understanding (MOUs) with watershed municipalities.

### Kettle Creek (E. VanHooren)

- A total of seven Category 3 MOUs have now been signed; a positive outcome resulting in some new service areas for municipalities.

## 10. New Business

None

## 11. Meeting Dates

- January 2024 – financial update
- March 2024 – SPC member update

LESPR staff will consider scheduling an in-person meeting in 2024, depending on length of agenda and weather conditions.

## 12. Adjourn

The meeting adjourned at 1:22 p.m.

**Moved by** C. White

**Seconded by** D. Underhill

**Carried**



## LAKE ERIE REGION SOURCE PROTECTION COMMITTEE MEETING MINUTES

Date: November 30, 2023

Time: 1:00 pm

Location: Auditorium  
Grand River Conservation Authority

Chair: A. Dale (acting)

Members Present: L. Dickson, A. Domaratzki, P. Emerson, A. Henry, K. Hunsberger, M. Jauernig, L. Jones, I. Macdonald, P. Rider, F. Sault, G. Schneider, J. Sepulis, B. Strauss, L. Vandendriessche, B. Whitwell

Members Absent: L. Davis, A. Henry, R. Krueger, B. Ungar, P. Wilson, N. Wright

Proxies: P. Emerson (A. Dale), B. Haklander (A. Henry), I. Macdonald (R. Krueger & B. Ungar), L. Vandendriessche (P. Wilson)

Liaisons: B. Forrest (Provincial), S. Lawson (Source Protection Authority), L. Rich (Conservation Ontario), B. Cheyne (Public Health)

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

### 1. Call to Order

A. Dale called the meeting to order at 1:08 p.m.

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

The Recording Secretary certified quorum with 20 members present.

### 3. Chair's Remarks

A. Dale introduced L. Vandendriessche as a new member to the Source Protection Committee and welcomed B. Haklander (proxy for A. Henry) and B. Cheyne attending on behalf of P. Wong (Public Health Liaison).

## 4. Updates

### 4.1 Source Protection Authority Liaison, Samantha Lawson, Grand River Conservation Authority

S. Lawson provided the following updates:

- the Lake Erie Region Management Committee (LERMC) met to review the interim financial report prior to submission to the Ministry of the Environment, Conservation and Parks (MECP).
- LERMC also discussed how it is difficult for the SPC to provide comment on Environmental Registry of Ontario (ERO) postings due to tight commenting timelines. For the most recent ERO posting, Conservation Authority staff submitted comments to be included with Conservation Ontario's comprehensive submission to MECP; however, it was decided that the SPC Rules of Procedure should be amended to allow for electronic voting for time sensitive matters in the future. This would allow the SPC to comment on ERO postings quickly if needed.

### 4.2 Ministry of the Environment, Conservation and Parks

B. Forrest did not provide an update but noted she is present to answer any questions that may arise.

### 4.3 Conservation Ontario

L. Rich provided the following updates:

- Conservation Ontario will be hosting their first hybrid Program Managers meeting on December 4<sup>th</sup> in Peterborough. This will provide Program Managers an opportunity to finally meet in person.
- The fall Drinking Water Source Protection media campaign is wrapping up.
- Consolidated comments were submitted to MECP on the recent ERO posting for excess soil.
- The working group looking at the section 34 amendment process has been compiling revised guidance to bring forward at the next Program Manager's meeting.
- Conservation Ontario council will meet virtually on December 11<sup>th</sup> for the final meeting of 2023.

## 5. Review of Agenda

Res. No. 38-23

**Moved By** C. Gerrits

**Seconded By** J. Sepulis

THAT the agenda of November 30, 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. 39-23

**Moved By** P. Rider

**Seconded By** L. Vandendriessche

THAT the minutes of the previous meeting on September 28, 2023 be approved as circulated.

**Carried**

**8. Hearing of Delegations**

None.

**9. Presentations**

**9.1 "Grand River Rural Water Quality Program Highlights" by Louise Heyming, Supervisor of Conservation Outreach, Grand River Conservation Authority**

L. Heyming presented an overview of the Rural Water Quality Program (RWQP) in the Grand River watershed and highlighted many of the successful outcomes of the program.

P. Emerson thanked L. Heyming, S. Lawson and all GRCA staff involved in the RWQP. He noted it is an important program administered by GRCA, not only for its results but also because it leverages private funding and gets landowners involved.

P. Emerson asked where the RWQP fits within the new Provincial funding structure for conservation authorities. S. Lawson responded that the RWQP falls within Category 2 – programming that GRCA administers on behalf of municipalities. It requires a Memorandum of Understanding (MOU) to fund. The GRCA is currently in the process of signing MOUs with 22 participating municipalities.

P. Emerson noted that nitrates are generally an issue in the Grand River watershed. He asked what aspects of the RWQP help to reduce nitrate loading and how that is monitored.

L. Heyming explained that any of the best management practices (BMPs) promoted through the RWQP that relate to the application of nutrients help to reduce phosphorous and nitrate (e.g. manure storage, nutrient management planning, tree planting, riparian buffers). Some monitoring was conducted at the onset of the program; however, it became difficult to define how much nutrient saving was occurring in correlation with the BMPs being implemented due to the size of the river system and the extent of the program. The decision was made to focus less on monitoring, given that the BMPs are researched at the local level and the confidence in their effectiveness is high.

P. Emerson reiterated that if nitrate reduction could be quantified it would assist with marketing the program. L. Heyming added that a rough estimate for phosphorous is accounted each year based on what is retained on the landscape, current research, and best available literature. The Lake Erie Action Plan is working on standardizing a calculation based on BMP assumptions, but L. Heyming could not comment specifically with respect to nitrates.

A. Dale noted that the success of the RWQP is obvious. Overall water quality in the watershed is improving due to the collective success of several beneficial programs (e.g. wastewater optimization, private septic system improvements). P. Emerson agreed but added that nitrate loading is not improving in the watershed and should become a priority.

## **10. Correspondence**

**10.1 Quinte Source Protection Committee to Andrea Khanjin, Minister of the Environment Conservation and Parks, regarding concerns with the current status of drinking water source protection in the Quinte Source Protection Region (October 27, 2023)**

**10.2 Ministry of Environment, Conservation and Parks regarding Lake Erie Source Protection Region's request for extension to submit the s. 36 update to the Long Point Region Source Protection Plan (November 6, 2023)**

Res. No. 40-23

**Moved By** G. Schneider

**Seconded By** I. Macdonald

THAT the correspondence be received as information.

**Carried**

## **11. Reports**

**11.1 SPC-23-11-01 Source Protection Program Update**

S. Dahmer presented report SPC-23-11-01.

L. Vandendriessche noted that Norfolk County has a huge problem with retired gas wells, which impact private wells and will impact municipal water supplies eventually. She felt it was important that investigation into this problem continues and that the Ministry of Natural Resources and Forestry (MNR) understands that their assistance is required.

A. Dale noted that the SPC received correspondence last year about a fatality related to an abandoned well. The incident was outside of municipal drinking water protection areas; however, it is still a matter to remain aware of.

Res. No. 41-23

**Moved By** P. Emerson  
**Seconded By** L. Dickson

THAT report SPC-23-11-01 Source Protection Program Update be received as information.

**Carried**

**11.2 SPC-23-11-02 Updates to the Implementation Working Group Terms of Reference**

K. Rosebrugh presented report SPC-23-11-02.

Res. No. 42-23

**Moved By** J. Sepulis  
**Seconded By** P. Rider

THAT report SPC-23-11-02 Updates to the Lake Erie Region Implementation Working Group Terms of Reference be received as information;

AND THAT the Lake Erie Region Source Protection Committee endorse the updates to the Lake Erie Region Implementation Working Group Terms of Reference as outlined in report SPC-23-11-02.

**Carried**

**11.3 SPC-23-11-03 Amended Drinking Water Quality Issues at Bethel Road Supply Wells within the County of Brant**

E. Persaud presented report SPC-23-11-03.

P. Emerson declared a conflict of interest and refrained from voting.

A. Dale noted that chloride and sodium issues are becoming more common as the trend of salt use increases. He acknowledged the work of the County of Brant in addressing the issue and the involvement of Public Health.

Res. No. 43-23

**Moved By** I. Macdonald  
**Seconded By** L. Dickson

THAT report SPC-23-11-03 Amended Drinking Water Quality Issues at Bethel Road Supply Wells within the County of Brant be received as information;

THAT the Lake Erie Region Source Protection Committee support the Lake Erie Region staff recommendation to add chloride and to maintain sodium as an Issue under Technical Rule 114 for the Bethel Road wellfield;

AND THAT the Lake Erie Region Source Protection Committee support the Lake Erie Region staff recommendation to apply the previously delineated sodium Issue Contributing Area to chloride as well at the Bethel Road wellfield.

**Carried**

**11.4 SPC-23-11-04 City of Brantford Draft Policy Approaches for the Application, Storage & Handling of Road Salt and Storage of Snow - Revised**

S. Dahmer presented report SPC-23-11-04.

Res. No. 44-23

**Moved By** C. Gerrits  
**Seconded By** A. Domaratzki

THAT report SPC-23-11-04 City of Brantford Draft Policy Approaches for the Application, Storage & Handling of Road Salt and Storage of Snow - Revised - be received as information;

AND THAT the Lake Erie Region Source Protection Committee direct staff to incorporate updated road salt-related policies into the City of Brantford chapter of the Grand River Source Protection Plan.

**Carried**

**11.5 SPC-23-11-05 Overview of ERO Postings for Permissions Modernization**

S. Dahmer presented report SPC-23-11-05.

A. Domaratzki noted that some of the information in the report did not align with her recollection of how the Region of Waterloo dealt with privately owned storm water management (SWM) facilities exempt from Environmental Compliance Approvals (ECA). The Provincial proposal involves streamlining SWM facility approval through the new

Environmental Activity and Sector Registry (EASR) instead of the ECA process, but that does not account for facilities that don't require an ECA, which are reviewed through Site Plan Control and addressed with Risk Management Plans (RMP).

S. Dahmer shared that some municipalities provided comments on the ERO posting and may be able to provide more clarity. A. Domaratzki confirmed she will connect with municipal representatives to discuss.

L. Rich added that Conservation Ontario expressed concern in comments on the ERO posting regarding the proposal to allow all Low-Impact Development (LID) works to be exempt from an ECA. A copy of these comments is available for review and may provide some context on ECA exemptions for storm water.

G. Moroz highlighted that the MECP's proposal creates a new prescribed instrument (i.e. EASR) which applies to all SWM works, removing the municipality's ability to implement other policies for SWM, such as RMPs. A Domaratzki asked G. Moroz if this means private SWM facilities that used to be addressed through Site Plan Approval and a RMP would now be subject to a prescribed instrument under the EASR, removing Part IV as an option to address the significant drinking water threat. G. Moroz replied in the affirmative.

B. Forrest clarified on behalf of MECP that the prescribed instrument policies in the Source Protection Plan that rely on Ministry review of ECAs would no longer apply for SWM facilities that can register through the EASR. However, if a Source Protection Plan prohibits the SWM activities, then the prohibition remains and proponents cannot apply through the EASR for approval.

G. Moroz reiterated that the primary concern is that SWM facilities registered through EASR could no longer be addressed with RMPs.

B. Forrest clarified that if a SWM facility requires an ECA currently, then it is subject to prescribed instrument policies in the Source Protection Plan and not an RMP (as there shouldn't be an ECA and a RMP applying to the same activity). Moving forward, works that required an ECA would now register through EASR and there is still no ability to apply the RMP on top of it.

S. Dahmer added that prescribed instrument policies in the Source Protection Plan direct the MECP to consider terms and conditions that include source protection when approving ECAs, and in some cases, direct the MECP not to approve the ECA. With the EASR, there is no mechanism to direct the MECP and policies cannot be directed towards the proponent because they would be non-legally binding.

C. Gerrits commented that there would be no need to streamline a process involving such significant risk if the MECP staffed itself adequately to complete application reviews in a timely manner. He felt the

changes proposed through the ERO posting are potentially disastrous. Probability of an incident may be low; however, the risk to drinking water is very high if an incident does occur. The fees charged for ECA applications do not recover cost. Development proponents would be willing to pay more for ECA review if they knew the approvals would be timely.

Res. No. 45-23

**Moved By** G. Schneider

**Seconded By** A. Henry

THAT report SPC-23-11-05 Overview of ERO Postings for Permissions Modernization be received as information.

**Carried**

**11.6 SPC-23-11-06 Proposed Regulatory Amendments to Encourage Greater Reuse of Excess Soil**

S. Dahmer presented report SPC-23-11-06.

C. Gerrits shared that Dufferin County has a serious problem with soil dumping, often involving litigation, contaminated soil, and expensive site remediation. Streamlining soil reuse will only exacerbate this problem, especially for municipalities close to the Greater Toronto Area.

Res. No. 46-23

**Moved By** I. Macdonald

**Seconded By** K. Hunsberger

THAT report SPC-23-11-06 Proposed Regulatory Amendments to Encourage Greater Reuse of Excess Soil be received as information.

**Carried**

**12. Business Arising from Previous Meetings**

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

**13. Other Business**

None.

**14. Closed Meeting**

Not applicable.

**15. Next SPC Meeting**

March 28, 2024 at 1:00 p.m.



A. Dale noted that the SPC meeting previously scheduled for January has been cancelled.

**16. Adjourn**

A. Dale shared the following concluding comments:

- Water security remains an international issue. The UN released its first World Water Development Report that states 26% of the global population does not have safe access to drinking water and global water consumption has increased by approximately 1% per year over the last four decades.
- We are fortunate to have access to safe drinking water; however, there is still a lot of work that needs to be done to continue to ensure protection of the quality and quantity of our local water sources.

The meeting was adjourned at 2:35 p.m.

Res. No. 47-23

**Moved By C. Gerrits**

THAT the Lake Erie Source Protection Committee meeting of November 30, 2023 be adjourned.

**Carried**

**DATE:** April 17, 2024  
**TO:** Kettle Creek Source Protection Authority  
**FROM:** Elizabeth VanHooren  
**SUBJECT:** Kettle Creek Annual Progress Report

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**RECOMMENDATION:**

**THAT the staff report on the Kettle Creek Annual Progress Report be received as information.**

**That in the opinion of the Kettle Creek Source Protection Authority implementation of the Kettle Creek Source Protection Plan is progressing well and is on target towards achieving plan objectives.**

**AND THAT the Kettle Creek Source Protection Authority direct Lake Erie Source Protection Region staff to submit the Kettle Creek Annual Progress Report to the Ministry of the Environment, Conservation and Parks.**

**SUMMARY:**

- The Kettle Creek Source Protection Plan came into effect in 2015 providing a framework of policies to protect existing and future drinking water threats and ensure existing activities never become significant drinking water threats.
- In accordance with Ontario Regulation 287/07 s.52 Kettle Creek Source Protection Authority is required to submit an Annual Progress Report to the Director by May 1 in the year following to which the report applies.
- The Progress Report uses data provided by municipalities, Provincial ministries and other implementing bodies.
- KCSPA Annual Progress Report was reviewed by the Lake Erie Region Source Protection Committee at their March 28, 2024 meeting. In the Committee's opinion the plan is progressing well and is on target to achieve the plan objectives.
- Based on the Source Protection Committee's recommendation, KCSPA is now charged with submitting the Annual Progress Report and Supplemental Form to the Director by May 1, 2024 with any additional comments it wishes to make.

**BACKGROUND:**

In accordance with Ontario Regulation 287/07 s.52 Kettle Creek Source Protection Authority is required to submit an Annual Progress Report and Supplemental Form to the Director by May 1 in the year following to which the report applies. The annual reporting requirement consists of two elements: the Annual Progress Report and the Supplemental Form.

Appendix A: Annual Progress Report

The Annual Progress Report is a high-level overview of the progress on implementing the plan meant for public consumption.

## Appendix B: Supplemental Form

The Supplemental Form is a tool developed by Ministry of Environment, Conservation and Parks (MECP) using a series of questions to collect information from implementing bodies that helps tell the story of the progress made in the Kettle Creek Source Protection Area.

Section II of the Annual Progress Report entitled “A message from your local Source Protection Committee” requires the SPC to provide their opinion on the extent to which progress has been made on Plan implementation in this reporting period. MECP has clarified that the intent is for the SPC to reflect on implementation progress since the Plan came into effect, despite the reference to “in this reporting period”.

The following options are provided to rate progress:

- P: Progressing Well/On Target – The majority of the Plan policies have been implemented and/or are progressing.
- S: Satisfactory – Some of the Plan policies have been implemented and/or are progressing.
- L: Limited Progress – A few Plan policies have been implemented and/or are progressing.

Lake Erie Region Staff reviewed the results submitted by implementing bodies on the Supplement Form and formulated the Annual Progress Report. The two documents were presented at the Lake Erie Source Protection Committee Meeting on March 28, 2024.

It was the recommendation of staff that the plan is progressing well/on target as the majority of the source protection plan polices have been implemented and/or are progressing well.

At the time the Plan came into effect in 2015, two (2) significant drinking water threats were identified in the Kettle Creek Source Protection Area. One of the threats (storage of commercial fertilizer) no longer exists and ceases to be a threat. Negotiations are currently underway to manage the second threat (storage of fuel) through a Risk Management Plan.

At the March 28, 2024 the Lake Erie Source Protection Committee passed the following motion:

THAT report SPC-24-03-03 2023 Annual Progress Report for the Kettle Creek Source Protection Area be received as information;  
THAT in the opinion of the Lake Erie Region Source Protection Committee, implementation of the Kettle Creek Source Protection Plan is progressing well and is on target towards achieving plan objectives;  
AND THAT the Lake Erie Region Source Protection Committee direct staff to present the 2023 Annual Progress Report to the Source Protection Authority for submission.

With the Kettle Creek Source Protection Authority’s approval staff will now forward the Annual Report and Supplemental Form to the Province in advance of the May 1, 2023 deadline.

### **RECOMMENDATION:**

**THAT the staff report on the Kettle Creek Annual Progress Report be received as information.**

**That in the opinion of the Kettle Creek Source Protection Authority implementation of the Kettle Creek Source Protection Plan is progressing well and is on target towards achieving plan objectives.**

**AND THAT the Kettle Creek Source Protection Authority direct Lake Erie Source Protection Region staff to submit the Kettle Creek Annual Progress Report to the Ministry of the Environment, Conservation and Parks.**

April 2, 2024

Grant Jones  
Chair, Kettle Creek Source Protection Authority  
44015 Ferguson Line  
St. Thomas ON, N5P 3T3

Dear Chair Jones,

**RE: Annual Progress Reporting**

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The Kettle Creek Source Protection Plan (the Plan) has been in effect since 2015 with the primary objective to protect current and future sources of drinking water from contamination and overuse.

In accordance with Ontario Regulation 287/07 s.52, the Kettle Creek Source Protection Authority (SPA) is required to submit an Annual Progress Report on implementation of the Plan to the Ministry of the Environment, Conservation and Parks (MECP) by May 1<sup>st</sup> of each year. This report is comprised of the Kettle Creek Annual Progress Report (**Appendix A**) and the Supplemental Form (**Appendix B**) and reflects implementation efforts from January 1 to December 31, 2023.

On March 28, 2024 the Lake Erie Region Source Protection Committee (SPC) passed the following resolution:

THAT in the opinion of the Lake Erie Region Source Protection Committee, implementation of the Kettle Creek Source Protection Plan is progressing well and is on target towards achieving the plan objectives;

AND THAT the Lake Erie Region Source Protection Committee direct staff to present the 2023 Annual Progress Report to the Source Protection Authority for submission.

As such, this letter serves as notice of submission of the 2023 Annual Progress Report and Supplemental Form to the Kettle Creek SPA, as per the annual reporting administrative protocol adopted by the Lake Erie Region Management Committee (Report No. 17-01-03).

**Achievement of Source Protection Plan Objectives:**

It is in the opinion of the SPC that implementation of the Plan is progressing well and is on target towards achieving Plan objectives.

All legally binding Plan policies that address significant drinking water threats are either implemented, in progress, or have been determined to require no further action(s).

At the time the Plan came into effect in 2015, two (2) significant drinking water threats were identified in the Kettle Creek Source Protection Area. One of the threats (storage of commercial fertilizer) no longer exists and ceases to be a threat. Negotiations are currently underway to manage the second threat (storage of fuel) through a Risk Management Plan.

The Kettle Creek SPA is now tasked with considering the Annual Progress Report and submitting it to MECP, along with any comments the SPA wishes to make.

If you have any questions regarding this letter or the Kettle Creek Annual Progress Report and Supplemental Form, please contact Shari Dahmer 519-621-2763 ext. 2303 or [sdahmer@grandriver.ca](mailto:sdahmer@grandriver.ca).

Sincerely,

A handwritten signature in cursive script that reads "Alan Dale".

Alan Dale  
Acting Chair, Lake Erie Region Source Protection Committee

c.c. Elizabeth VanHooren, General Manager, Kettle Creek Conservation Authority

# Appendix A

2023 Annual Progress Report – Kettle Creek Source Protection Area

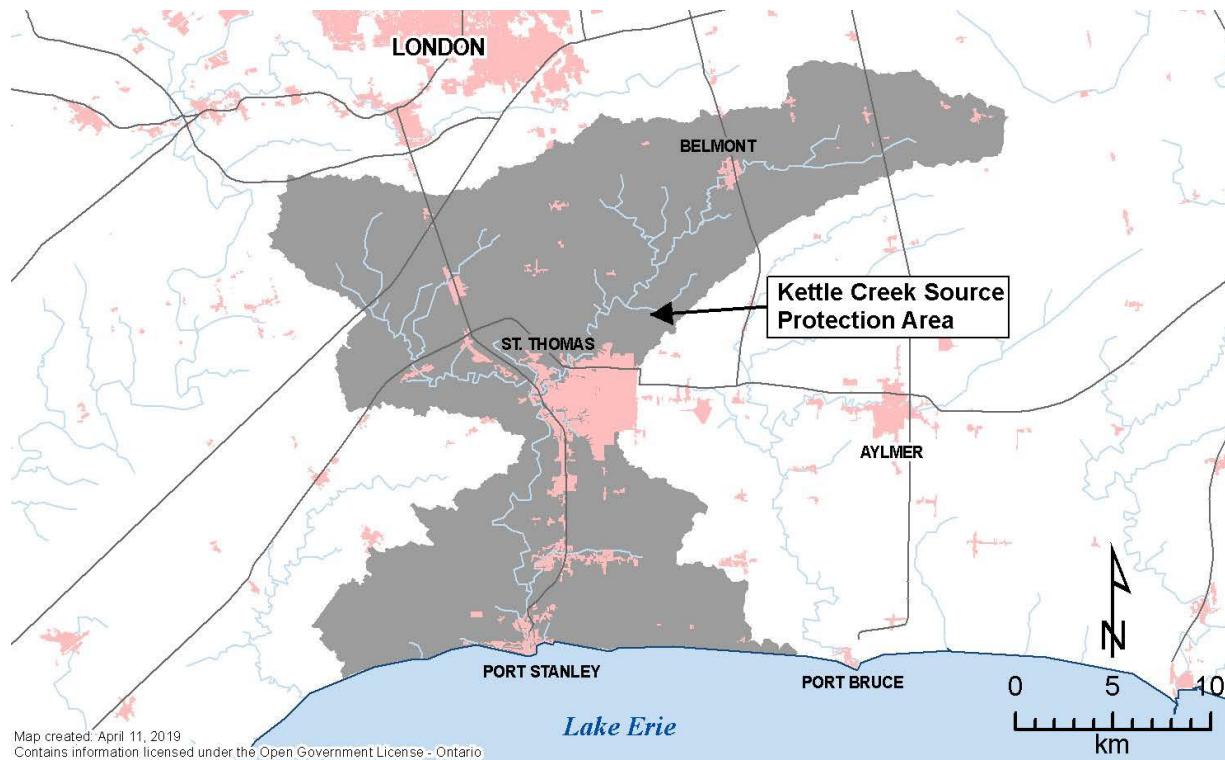
# Kettle Creek Source Protection Area Annual Progress Report 2023

## I. Introduction

This annual progress report outlines the progress made in implementing our Source Protection Plan for the Kettle Creek Source Protection Area, as required by the *Clean Water Act, 2006* and its regulations.

The Source Protection Plan is the culmination of extensive science-based assessment, research, consultation, and collaboration with local stakeholders and the provincial government. When policies in the plan are implemented it ensures that activities carried out near municipal wells and surface water intakes will not pose significant risk to the sources of our drinking water.

We acknowledge and recognize the efforts made by our local municipalities, stakeholders, and Source Protection Committee in the development and implementation of the Source Protection Plan.





## II. A message from your local Source Protection Committee

**P: Progressing Well/On Target** – The majority of the source protection plan policies have been implemented and/or are progressing.

All legally-binding plan policies (100%) that address significant drinking water threats are either implemented, in progress, or have been determined to require no further action(s).

Two Existing significant drinking water threats were identified in the Kettle Creek Source Protection Area when the Source Protection Plan came into effect in 2015. One of the threats (storage of commercial fertilizer) no longer exists on the ground, and therefore has ceased to be a threat. Negotiations are currently underway to manage the second threat (storage of fuel) through a Risk Management Plan. We are on track to address all existing significant threats to our sources of drinking water.

## III. Our Watershed

The Kettle Creek Source Protection Area (watershed) includes Kettle Creek and its tributaries. The main branch of Kettle Creek originates at Lake Whittaker, an 11 hectare spring-fed kettle lake. The watershed is comprised of three subwatersheds: Dodd Creek, Upper Kettle Creek, and Lower Kettle Creek. These watercourses drain 520 square kilometres of agricultural and urban lands before entering Lake Erie at Port Stanley.

The Kettle Creek Source Protection Area includes the City of St. Thomas, the southern portions of Middlesex County (Township of Thames Centre and Townships of Middlesex Centre) and the City of London, and the central portion of Elgin County (Township of Southwold, Township of Malahide and Municipality of Central Elgin).

The watershed has two municipal drinking water systems: two wells in Belmont and the Elgin Area Primary Water Supply System (EAPWSS) in Port Stanley.

## IV. At a Glance: Progress on Source Protection Plan Implementation

### 1. Source Protection Plan Policies and Addressing Significant Risks

#### **P: Progressing Well/On Target**

The Kettle Creek Source Protection Plan came into effect in 2015. A lot has been accomplished since that time. As of 2022, 100% of the legally-binding policies that address significant drinking water threat activities have been implemented or are in the process of being implemented.

As of December 31, 2023, 92% of the legally-binding policies have been fully implemented, including two policies that have been evaluated and determined that no further action is needed. One legally-binding policy is currently in progress and is expected to be fully implemented by 2024.

### 2. Municipal Progress: Addressing Risks on the Ground

#### **P: Progressing Well/On Target**

Three municipalities in the Kettle Creek Source Protection Area have vulnerable areas where significant drinking water threat policies apply: Township of Malahide, Municipality of Thames Centre, and Municipality of Central Elgin.

Planning departments and building officials are screening applications for locations within vulnerable areas where threats to drinking water sources are possible and source protection plan policies may apply.

These municipalities are also required to review and update their Official Plan to ensure it conforms with the Kettle Creek Source Protection Plan the next time they undertake an Official Plan review under the Planning Act. The Municipality of Thames Centre has completed their Official Plan update; the Municipality of Central Elgin and Township of Malahide Official Plan updates are currently in progress.

### 3. Septic Inspections

Not applicable.

There are no on-site sewage systems requiring inspection in the Kettle Creek Source Protection Area.

## 4. Risk Management Plans

### **P: Progressing Well/On Target**

One Risk Management Plan (RMP) has been agreed to in the Kettle Creek Source Protection Area since the Source Protection Plan came into effect in 2015. This RMP for commercial fertilizer was later cancelled because the threat no longer exists on the landscape.

There is currently one RMP pending within the Kettle Creek Source Protection Area to address the handling and storage of fuel, where this activity is a significant drinking water threat as per the threshold determined by the modeling in the Municipality of Central Elgin in the Elgin Area Primary Water Supply Intake Protection Zone. Negotiations are currently underway with the Elgin Area Primary Water Supply Board for this RMP.

No inspections were carried out or planned by a Risk Management Official/Inspector for prohibited or regulated activities in the 2023 annual reporting period.

## 5. Provincial Progress: Addressing Risks on the Ground

### **P: Progressing Well/On Target**

Within the Kettle Creek Source Protection Area, there are no Existing significant drinking water threats that require provincial approvals. Ontario ministries are reviewing applications for New provincial approvals (e.g. Environmental Compliance Approvals issued under the Environmental Protection Act) where they have been identified as a tool in our plan to address activities that pose a significant risk to source water.

The Province has established Standard Operating Policies to ensure that approvals take into account the science generated through the Drinking Water Source Protection Program and policies in the Source Protection Plan. Provincial approvals are issued, denied, amended, or revoked to conform to plan policies. Where necessary, conditions are added to approvals to ensure that the activity does not pose a significant threat to sources of drinking water.

## 6. Source Protection Awareness and Change in Behaviour

There have been no measurable or quantifiable outcomes reported for the 2023 annual reporting period.

## 7. Source Protection Plan Policies: Summary of Delays

Negotiations are currently underway for a Risk Management Plan (RMP) to address the handling and storage of fuel at the Elgin Area Primary Water Supply Plant, as required by policy PS-CW-7.1. A draft RMP has been in place since the policy was adopted, but was never finalized. The draft RMP reflects best management practices, which are currently in place to manage the risk to sources of drinking water, including:

- Consideration for site drainage;
- Procedures and policies for handling and storage;
- Regular inspection of storage tanks;
- Reporting protocols; and
- Containment contingencies for failures.

Policy PS-NB-8.1 (non-legally binding) has not been fully implemented because of communication challenges among the implementing bodies. Revisions to this policy have been proposed as part of an update to the Kettle Creek Source Protection Plan under Section 36 of the Clean Water Act that was submitted for approval to the Ministry of the Environment, Conservation and Parks in September 2023.

## 8. Source Water Quality: Monitoring and Actions

No issues have been identified in the local science-based assessment report regarding the quality of the sources of municipal drinking water in the Kettle Creek Source Protection Area.

## 9. Science-based Assessment Reports: Work Plans

An order was received from the Ministry on July 22, 2019 providing for a comprehensive review and update to the Kettle Creek Assessment Report and Source Protection Plan under Section 36 of the Clean Water Act. The tasks identified in the order were incorporated into an update that was submitted for approval to the Ministry of the Environment, Conservation and Parks in September 2023.

## 10. More from the Watershed

To learn more about the Kettle Creek Source Protection Area, visit the [Lake Erie Source Protection website](#).

# Appendix B

2023 Supplemental Form – Kettle Creek Source Protection Area



# Source Water Protection Annual Report

## 2023 - Supplemental Form

### Kettle Creek

Report Id	Completed	Question	
10	True	As applicable to your source protection region/area, indicate if all relevant implementing bodies submitted a status update/annual report to the source protection authority for the previous reporting year. If "No" is selected for any implementing body(ies), then please complete the Comments field below with details including the name of the specific implementing body along with an explanation, if available, for not submitting a status update/annual report as required by a monitoring policy. *NOTE: Where a listed implementing body(ies) is not applicable/relevant to your source protection region/area, then simply select "No" and explain that it is not an applicable implementing body in your source protection region/area in the Comments field text box.	
<b>Response</b>			<b>Answer</b>
Risk Management Official			Yes
Municipality			Yes
Conservation Authority			Yes
Local Health Unit			No
MECP - Waste Disposal Sites - Landfilling and Storage			Yes
MECP - Wastewater/Sewage Works			Yes
MECP - Pesticides			Yes
MECP - Hauled Sewage/Biosolids			Yes
MECP - Hauled Sewage/Biosolids Inspections			Yes
MECP - Permit to Take Water			Yes
MECP - Permit to Take Water Inspections			Yes
MECP - Municipal Residential Drinking Water Systems			Yes
MECP - Municipal Residential Drinking Water Systems Inspections			Yes
MECP - Source Protection			Yes
MECP - Waste Disposal Sites - Landfilling and Storage Inspections			Yes
MECP - Wastewater/Sewage Works Inspections			Yes
MECP - Conditions Sites			No
MECP - NMA - ASM and NASM Inspections			Yes
MECP - Environmental Monitoring			No
MECP - Fuel			Yes
MECP - Great Lakes			No



# Source Water Protection Annual Report

## 2023 - Supplemental Form

### Kettle Creek

MECP - Spills Response	Yes
MECP - Wells	Yes
OMAFRA	Yes
MNRF	Yes
MTO	Yes
MMAH	Yes
MGCS-TSSA	No
MENDM	No
Provincial Board/Commission	No
Federal Departments/Agencies/Commissions/Crown Corporations	No
Private Entity/Company	No
Association/Organization	No

**Comment:** All implementing bodies selected as "No" are not applicable to the Kettle Creek Source Protection Area.



# Source Water Protection Annual Report

## 2023 - Supplemental Form

### Kettle Creek

Report Id	Completed	Question	Category
20	True	Did the Source Protection Authority indicate the status of all threat policies as contained in their source protection plan? Please provide details in the response field text box in the Policy Interface for policies with a "No Progress Made" and "No information available/no response received" implementation status especially for legally-binding policies that address significant drinking water threat activities and for any moderate/low threat policies that use prescribed instruments and Planning Act tools.	Implementation status of source protection plan policies
<b>Answer:</b>		Yes	
<b>Comment:</b>			

Report Id	Completed	Question	Category
21	True	Did the source protection authority(ies) confirm the accuracy of the implementation status of all threat policies as contained in their source protection plan and located on the policy interface database for the current reporting year?	Monitoring Policy Implementation
<b>Answer:</b>		Yes	
<b>Comment:</b>			

Report Id	Completed	Question	Category
22	True	Did all source protection authority(ies) confirm that if a policy is significant and legally binding and has not been implemented by a person or a body by the implementation date specified in the policy, that there are written comments that include a description of the failure and the reasons for the failure as per O.Reg 287/07 s.52(1) 1.?	Monitoring Policy Implementation
<b>Answer:</b>		Yes	
<b>Comment:</b>			





# Source Water Protection Annual Report

## 2023 - Supplemental Form

### Kettle Creek

Report Id	Completed	Question	Current Year	Cumulative Count
30	True	Number of risk management plans agreed to or established within the source protection area/region (to address existing and future threats) in this reporting period (i.e., annual total).	0	1
<b>Provincial Total</b>			0	1
<b>Comment:</b>				

Report Id	Completed	Question	Current Year	Cumulative Count
31	True	Number of properties (i.e., parcels) with risk management plans agreed to or established in this reporting period.	0	1
<b>Provincial Total</b>			0	1
<b>Comment:</b> Not Applicable - No Risk Management Plans were agreed to or established in 2023.				

Report Id	Completed	Question	Current Year	Cumulative Count
32	True	How many existing* significant drinking water threats have been managed through the established risk management plans in this reporting period (* meaning engaged in OR enumerated as existing significant threats)?	0	1
<b>Provincial Total</b>			0	1
<b>Comment:</b> Not Applicable - No Risk Management Plans were agreed to or established in 2023.				



# Source Water Protection Annual Report

## 2023 - Supplemental Form

### Kettle Creek

Report Id	Completed	Question	Current Year	Cumulative Count
40	True	How many section 59 notices were issued in this reporting period for activities to which neither a prohibition (section 57) nor a risk management plan (section 58) policy applied, as per ss. 59(2)(a) of the Clean Water Act?	0	0
<b>Provincial Total</b>			0	0
<b>Comment:</b>				

Report Id	Completed	Question	Current Year	Cumulative Count
41	True	How many section 59 notices were issued in this reporting period for activities to which a risk management plan (section 58) policy applied, as per ss. 59(2)(b) of the Clean Water Act?	0	0
<b>Provincial Total</b>			0	0
<b>Comment:</b>				

Report Id	Completed	Question	Current Year	Cumulative Count
61	True	State the total number of inspections (including any follow-up site visits) that were carried out for activities (existing or future) that are prohibited under section 57 of the Clean Water Act in this reporting period. If no inspections were conducted in the previous calendar year, please explain.	0	3
<b>Provincial Total</b>			0	3
<b>Comment:</b>				



# Source Water Protection Annual Report

## 2023 - Supplemental Form

### Kettle Creek

Report Id	Completed	Question	Current Year	Cumulative Count
62	True	Among the inspections conducted for section 57, how many showed that activities were taking place on the landscape even though they were prohibited (i.e., in contravention) under section 57 of the Clean Water Act in this reporting period?	0	0
<b>Provincial Total</b>			0	0
<b>Comment:</b> Not Applicable				

Report Id	Completed	Question	Current Year	Cumulative Count
63	True	How many new properties were identified with s.57 prohibited activities during the reporting year (do not include properties established outside of this reporting year)?	0	0
<b>Provincial Total</b>			0	0
<b>Comment:</b>				

Report Id	Completed	Question	Current Year	Cumulative Count
70	True	How many existing significant drinking water threats have been prohibited as a result of section 57 prohibitions in this reporting period?	0	0
<b>Provincial Total</b>			0	0
<b>Comment:</b>				



# Source Water Protection Annual Report

## 2023 - Supplemental Form

### Kettle Creek

Report Id	Completed	Question	Current Year	Cumulative Count
80	True	State the total number of inspections (including any follow-up site visits) that were carried out for activities that require a risk management plan under section 58 of the Clean Water Act in this reporting period. If no inspections were conducted in the previous calendar year, please explain.	0	2
<b>Provincial Total</b>			0	2
<b>Comment:</b>				

Report Id	Completed	Question	Current Year	Cumulative Count
81	True	Among the inspections conducted for section 58, how many were in contravention with section 58 of the Clean Water Act in this reporting period (i.e., person engaging in a drinking water threat activity without a risk management plan as required by the source protection plan)?	0	0
<b>Provincial Total</b>			0	0
<b>Comment:</b> Not Applicable				



# Source Water Protection Annual Report

## 2023 - Supplemental Form

### Kettle Creek

Report Id	Completed	Question	Current Year	Cumulative Count
82	True	Among the inspections for section 58, how many were in non-compliance with the specific contents of the risk management plan in this reporting period? (NOTE: Please only include those inspections that showed non-compliance with measures/conditions to manage the actual threat activity.)	0	0
<b>Provincial Total</b>			0	0
<b>Comment:</b> Not Applicable				

Report Id	Completed	Question	Current Year	Cumulative Count
83	True	State the total number of notices issued where there were cases of contraventions and/or non-compliance found with section 57 in this reporting period.	0	0
<b>Provincial Total</b>			0	0
<b>Comment:</b> LESPR has interpreted this question to mean the number of times the RMO caused a thing to be done under section 64 of the Act, during the reporting period. There are no notices referenced in section 57 or section 58 of the Act that relate to contraventions or non-compliance. The total number of orders issued for contraventions and/or non-compliance with section 57 and section 58 can be found under Q#85 and Q#86, respectively.				



# Source Water Protection Annual Report

## 2023 - Supplemental Form

### Kettle Creek

Report Id	Completed	Question	Current Year	Cumulative Count
84	True	State the total number of notices issued where there were cases of contraventions and/or non-compliance found with section 58 in this reporting period.	0	0
<b>Provincial Total</b>			0	0
<b>Comment:</b> LESPR has interpreted this question to mean the number of times the RMO caused a thing to be done under section 64 of the Act, during the reporting period. There are no notices referenced in section 57 or section 58 of the Act that relate to contraventions or non-compliance. The total number of orders issued for contraventions and/or non-compliance with section 57 and section 58 can be found under Q#85 and Q#86, respectively.				

Report Id	Completed	Question	Current Year	Cumulative Count
85	True	State the total number of orders issued for contraventions and/or non-compliance found with section 57 in this reporting period.	0	0
<b>Provincial Total</b>			0	0
<b>Comment:</b>				

Report Id	Completed	Question	Current Year	Cumulative Count
86	True	State the total number of orders issued for contraventions and/or non-compliance found with section 58 in this reporting period.	0	0
<b>Provincial Total</b>			0	0
<b>Comment:</b>				



# Source Water Protection Annual Report

## 2023 - Supplemental Form

### Kettle Creek

**Report Id   Completed   Question**

220      True      List the municipality(ies) (including upper-, lower-, and single-tier) within the source protection region/area that are required to complete Official Plan and Zoning exercises to conform to the latest source protection plan, and indicate the status of those exercises for each applicable municipality. "Latest source protection plan" means the first approved plan or any subsequent approved plan update. \*NOTE: Applies to every municipality affected by land use planning or Part IV type policies. Where the official plan and/or zoning by-law status for any particular municipality needs to be changed/updated, then please do so by deleting the entry for that particular municipality by clicking on the red "-" (minus) sign and then re-select the municipality name from the drop down list of municipalities followed by selecting the updated status of the conformity exercise for the official plan and zoning by-law from the drop down list for that particular municipality. After doing so, please be sure to add the municipality as your response by clicking on the green plus sign.

Municipality	Official Plan	Zoning By Law
Municipality of Thames Centre	Completed	Completed
Municipality of Central Elgin	In Progress/Updates Underway	In Progress/Updates Underway
Township of Malahide	In Progress/Updates Underway	In Progress/Updates Underway

**Comment:**

**Report Id   Completed   Question**

240      True      State the number of source water protection signs installed on provincial highways in the source protection region/area in this reporting period.

**Current Year   Cumulative Count**

0      0

**Provincial Total**

0      0

**Comment:**



# Source Water Protection Annual Report

## 2023 - Supplemental Form

### Kettle Creek

Report Id	Completed	Question						
241	True	State the number of source water protection signs installed on municipal roads in the source protection region/area in this reporting period.						
		<table border="1"> <thead> <tr> <th>Current Year</th> <th>Cumulative Count</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">32</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">32</td> </tr> </tbody> </table>	Current Year	Cumulative Count	0	32	0	32
Current Year	Cumulative Count							
0	32							
0	32							
<b>Provincial Total</b>								
<b>Comment:</b>								

Report Id	Completed	Question						
242	True	State the number of source water protection signs installed at other locations (if applicable) in the source protection region/area in this reporting period.						
		<table border="1"> <thead> <tr> <th>Current Year</th> <th>Cumulative Count</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>	Current Year	Cumulative Count	0	0	0	0
Current Year	Cumulative Count							
0	0							
0	0							
<b>Provincial Total</b>								
<b>Comment:</b>								

Report Id	Completed	Question	Category
260	True	Current total overall number of on-site sewage systems that are assessed as significant drinking water threat activities and that are required to be inspected every five years in accordance with the Ontario Building Code.	Sewage System Inspections
<b>Answer:</b>	0		
<b>Comment:</b>			





# Source Water Protection Annual Report

## 2023 - Supplemental Form

### Kettle Creek

Report Id	Completed	Question	Category
261	True	Of those requiring inspections, how many inspections of on-site sewage systems were due to be carried out in this reporting period? If not applicable or no inspections of on-site sewage systems were due to be carried out in this reporting period because they were already inspected earlier within the inspection cycle or will be inspected in a future year within the cycle, then please enter "0" and state either explanation in the comment field.	Sewage System Inspections
<b>Answer:</b>		0	

**Comment:** Not Applicable

Report Id	Completed	Question	Current Year	Cumulative Count
262	True	How many on-site sewage system inspections were completed in this reporting period?	0	0
<b>Provincial Total</b>			0	0

**Comment:** Not Applicable

Report Id	Completed	Question	Current Year	Cumulative Count
263	True	How many of the inspected on-site sewage systems required minor maintenance work in this reporting period?	0	0
<b>Provincial Total</b>			0	0

**Comment:** Not Applicable



# Source Water Protection Annual Report

## 2023 - Supplemental Form

### Kettle Creek

Report Id	Completed	Question	Current Year	Cumulative Count
264	True	How many of the inspected on-site sewage systems required major maintenance work (e.g., tank replacement, etc.) in this reporting period?	0	0
<b>Provincial Total</b>			0	0
<b>Comment:</b> Not Applicable				

Report Id	Completed	Question	Category
265	True	How many of the inspected on-site sewage systems required no maintenance work?	Sewage System Inspections
<b>Answer:</b>		0	
<b>Comment:</b> Not Applicable			



# Source Water Protection Annual Report 2023 - Supplemental Form Kettle Creek

Report Id	Completed	Question	
266	True	For those on-site sewage systems that were not inspected in this reporting period but should have been inspected, and are now out of compliance, please indicate why they were not all inspected from among the reasons below. [Note: For municipalities that have not yet initiated the mandatory on-site sewage system inspection program, please see the next reportable to provide your response if this is the case].	
		<b>Response</b>	<b>Answer</b>
		landowner refused entry, compliance order being sought	No
		inspections delayed/postponed due to COVID-19 restrictions	No
		vulnerable area changed and on-site sewage system(s) no longer a threat activity	No
		other. Please specify in the comment box below.	No
<b>Comment:</b> Not Applicable			



# Source Water Protection Annual Report

## 2023 - Supplemental Form

### Kettle Creek

**Report Id    Completed    Question**

270      True      Complete the information below regarding environmental monitoring of drinking water issues identified in accordance with the Technical Rules within your source protection region/area. Begin by selecting the drinking water system, the specific well or intake, the drinking water issue, the delineation status, and the observation of the concentration. [OPTIONAL]: In the comments field, describe any actions or behavioural changes that might be contributing to reported changes in the concentration of the issue or parameter. Where the drinking water issue, well or intake, delineation status, or observation of any previously listed drinking water system needs to be changed/updated, then please do so by deleting the entry for that particular drinking water system by clicking on the red minus sign on the right side of the entry and then re-select the drinking water system from the dropdown list of drinking water systems followed by selecting the associated well or intake, the drinking water issue, its delineation status, and the observation from the dropdown list for that particular drinking water system. After doing so, please be sure to add the drinking water system as your response by clicking on the green plus sign on the right side of the entry. If this reportable is not applicable to your source protection region/area, please indicate as such by choosing "No system with issues," "Not Known/Available," "No issue," "Not applicable," and "No observation," respectively, under the drop down menu options under each of the categories of this reportable. Do not leave blank.

<b>DWIS Number</b>	<b>DWIS Name</b>	<b>Issue</b>	<b>ICA Delinated</b>	<b>Observation</b>
	-- No system with issues --	-- No Issue --	--Not Applicable --	-- No Observation --

**Comment:** Not Applicable

**Report Id    Completed    Question**

280      True      How many notices about transport pathways (meaning a condition of land resulting from human activity (e.g., pits and quarries, improperly abandoned wells, geothermal system, etc.) that increases the vulnerability of a raw water supply of a drinking water system) did the source protection authority receive from municipalities in this reporting period (as per O. Reg. 287/07, ss. 27(3))?

<b>Current Year</b>	<b>Cumulative Count</b>
---------------------	-------------------------

0	0
---	---

<b>Provincial Total</b>	0	0
-------------------------	---	---

**Comment:** No transport pathway notices were received by the SPA in the current reporting year



# Source Water Protection Annual Report

## 2023 - Supplemental Form

### Kettle Creek

Report Id	Completed	Question	Response	Answer
281	True	Where transport pathway notices were received, indicate the action(s) taken by the source protection region/area in response to receiving these notices:		
			Provided information to municipalities about changes in vulnerability	No
			Provided notice to Source Protection Committee for information	No
			Situation continues to be monitored	No
<b>Comment:</b> No transport pathway notices were received by the SPA in the current reporting year				



# Source Water Protection Annual Report

## 2023 - Supplemental Form

### Kettle Creek

Report Id	Completed	Question																												
300	True	[OPTIONAL]: If and where there are successful examples for each of the following initiatives in the source protection region/area (including from local municipalities, residents and businesses) that occurred in this reporting period that the authority wishes to highlight, then please indicate in the Comments field below. In your comments, please include details for each of the selected topics. Please limit the descriptions provided (e.g., one example for each topic or more could be included when the source protection authority feels they are exceptional/quite successful).																												
		<table border="1"> <thead> <tr> <th>Response</th> <th>Answer</th> </tr> </thead> <tbody> <tr> <td>Education and Outreach (in description include details, if available, on type and percentage of target population reached, outcome(s) achieved, etc.)</td> <td>No</td> </tr> <tr> <td>Incentives (in description include details, if available, on outcome(s) achieved, how widely available was the incentive, etc.)</td> <td>No</td> </tr> <tr> <td>Stewardship Programs</td> <td>No</td> </tr> <tr> <td>Best Management Practices</td> <td>No</td> </tr> <tr> <td>Pilot Programs</td> <td>No</td> </tr> <tr> <td>Research</td> <td>No</td> </tr> <tr> <td>Specify Action (e.g., road salt management, municipal by-laws, legislative or regulatory amendments, mapping, review of fuel codes, new airport facility design standards to manage runoff of chemicals from de-icing of aircraft, instrumentation, etc.)</td> <td>No</td> </tr> <tr> <td>Climate Change (e.g., data collection)</td> <td>No</td> </tr> <tr> <td>Spill prevention/spill contingency/emergency response plan updates</td> <td>No</td> </tr> <tr> <td>Transport pathways</td> <td>No</td> </tr> <tr> <td>Water quantity</td> <td>No</td> </tr> <tr> <td>Great Lakes</td> <td>No</td> </tr> <tr> <td>Other policies (i.e., strategic action, etc.)</td> <td>No</td> </tr> </tbody> </table>	Response	Answer	Education and Outreach (in description include details, if available, on type and percentage of target population reached, outcome(s) achieved, etc.)	No	Incentives (in description include details, if available, on outcome(s) achieved, how widely available was the incentive, etc.)	No	Stewardship Programs	No	Best Management Practices	No	Pilot Programs	No	Research	No	Specify Action (e.g., road salt management, municipal by-laws, legislative or regulatory amendments, mapping, review of fuel codes, new airport facility design standards to manage runoff of chemicals from de-icing of aircraft, instrumentation, etc.)	No	Climate Change (e.g., data collection)	No	Spill prevention/spill contingency/emergency response plan updates	No	Transport pathways	No	Water quantity	No	Great Lakes	No	Other policies (i.e., strategic action, etc.)	No
Response	Answer																													
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		<p><b>Comment:</b> Kettle Creek Source Protection Authority will not be providing responses to question #300.</p>																												



# Source Water Protection Annual Report

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**Report Id    Completed    Question**

305            True

Complete the table below with the count data for each significant drinking water threat activity/local threat activity/condition being engaged in (i.e., enumerated as 'existing' significant threats) at the time of source protection plan approval or approval of amendments that include new / changing protection zones. Please use the best available information/desktop exercises, reports from Risk Management Officials, and other implementing bodies to provide the counts below. For convenience, the count data from the previous reporting year have been copied over, but please be sure to review, edit, and confirm the counts for accuracy in the table below. [CWA Section 46(1)(a)]

The running tally consists of the formula: A+B-C-D where:

A = Number of significant drinking water threats estimated when the source protection plan was first approved

B = Number of additional significant drinking water threats counted after the first source protection plan approval (not part of the original estimate)

C = Number of significant drinking water threats included in A that were determined through field verification to no longer exist because: (i) the threat was not actually engaged in at a particular location after all OR (ii) it was no longer engaged in (e.g., land may still have an agricultural operation but owner is no longer applying pesticides for their own reasons)

D = Number of significant drinking water threats addressed because a policy is implemented. (It is understood that multiple policies/policy tools may address a single threat on the landscape. If any one policy is implemented and directed at that single threat it is considered addressed.)

In the comments box below summarize any remaining significant threats needing to be addressed for each source protection authority and what actions will be taken to eliminate those threats. If all threats have been addressed for each source protection authority(ies) write "All known significant threats have been addressed" in the comments box. Note that this summary response will be posted under the objective summary section 2 of the report.

ThreatId	Threat	A	B	C	D
1	The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the Environmental Protection Act.	0	0	0	0
2	The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage.	0	0	0	0
3	The application of agricultural source material to land.	0	0	0	0
4	The storage of agricultural source material.	0	0	0	0



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5	The management of agricultural source material.	0	0	0	0
6	The application of non-agricultural source material to land.	0	0	0	0
7	The handling and storage of non-agricultural source material.	0	0	0	0
8	The application of commercial fertilizer to land.	0	0	0	0
9	The handling and storage of commercial fertilizer.	1	0	1	0
10	The application of pesticide to land.	0	0	0	0
11	The handling and storage of pesticide.	0	0	0	0
12	The application of road salt.	0	0	0	0
13	The handling and storage of road salt.	0	0	0	0
14	The storage of snow.	0	0	0	0
15	The handling and storage of fuel.	1	0	0	0
16	The handling and storage of a dense non-aqueous phase liquid.	0	0	0	0
17	The handling and storage of an organic solvent.	0	0	0	0
18	The management of runoff that contains chemicals used in the de-icing of aircraft.	0	0	0	0
19	Water taking from an aquifer without returning the water to the same aquifer or surface water body	0	0	0	0
20	Reducing recharge of an aquifer	0	0	0	0
21	The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard. O. Reg. 385/08, s. 3.	0	0	0	0
22	The establishment and operation of a liquid hydrocarbon pipeline	0	0	0	0
1000	Water conditioning salts from water softeners	0	0	0	0





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1001	Transportation of specified substances along corridors	0	0	0	0		
1002	Spill of Tritium from Nuclear Generating Station	0	0	0	0		
1003	Handling storage of fuel	0	0	0	0		
1004	Transportation, storage and handling of diesel/gasoline	0	0	0	0		
1005	Transportation of Agricultural and Non-Agricultural Source Materials	0	0	0	0		
1006	International Shipping Channel within IPZ2	0	0	0	0		
1007	Transportation of hazardous substances along transportation corridors	0	0	0	0		
1008	Transportation or Storage and Handling of Fuel in an Event Based Area	0	0	0	0		
1009	Waterfowl	0	0	0	0		
1010	Local condition	0	0	0	0		
<b>0</b>	<b>1</b>	<b>Totals:</b>		<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>

**Comment:** Negotiations are currently underway for a Risk Management Plan to address threat activities related to the storage of fuel at the Elgin Area Primary Water Supply Plant. (Note that this RMP was incorrectly reported as in place in previous annual reports)

**MECP Calc (C+D)/(A+B): 50 %**



# Source Water Protection Annual Report 2023 - Supplemental Form Kettle Creek

Report Id	Completed	Question	Category
310	True	<p>Please provide comments below to explain the overall progress made in addressing existing significant threat activities and include the percentage of overall progress made within the comments provided. The percentage of overall progress made in addressing local threats and conditions that are taking place on the landscape is determined by taking the total number in column D (i.e., significant drinking water threat addressed because policy is implemented) from the table above (reportable 305) adding it to C (i.e., significant threats determined through field verification to no longer be threats) and dividing it by the number that is derived by adding the total numbers in columns A and B. In other words, overall progress made = <math>(C+D)/(A + B)</math>.</p> <p><b>Answer:</b> The percentage of overall progress made is 50%. Two existing significant drinking water threats identified in the Kettle Creek Source Protection Area when the Plan took effect. Since implementation of the plan, one threat no longer exists and will be removed from the Assessment Report as part of the Section 36 update that was submitted to MECP for approval in September 2023. The remaining threat is for the Handling and Storage of Fuel at the Elgin Area Primary Water Treatment Plant. The Risk Management Official is currently working with the landowner to develop and RMP to manage this threat.</p> <p><b>Comment:</b></p>	Addressing existing enumerated threats

Report Id	Completed	Question	Category
320	True	<p>If applicable, where the 2013/2017 technical rules were used for the assessment report update/amendment, provide a summary of steps taken to further assess or implement the plans of work described in technical rule 30.1: Water Budget Tier 3 not included in your original assessment report(s).</p> <p><b>Answer:</b> Not Applicable</p> <p><b>Comment:</b></p>	Assessment report information gaps



# Source Water Protection Annual Report 2023 - Supplemental Form Kettle Creek

Report Id	Completed	Question	Category
321	True	If applicable, where the 2013/2017 technical rules were used for the assessment report update/amendment, provide a summary of steps taken to further assess or implement the plans of work described in technical rule 50.1: GUDI for WHPA-E or F not included in your original assessment report(s).	Assessment report information gaps
<b>Answer:</b>		Not Applicable	
<b>Comment:</b>			

Report Id	Completed	Question	Category
322	True	If applicable, where the 2013/2017 technical rules were used for the assessment report update/amendment, provide a summary of steps taken to further assess or implement the plans of work described in technical rule 116: Issue Contributing Area not included in your original assessment report(s).	Assessment report information gaps
<b>Answer:</b>		Not Applicable	
<b>Comment:</b> Rule 116 has been removed from the Technical Rules as part of the 2021 update.			

Report Id	Completed	Question	Category
323	True	[OPTIONAL] If applicable where the 2021 technical rules were used for the assessment report update/amendment, provide a summary of steps taken to further assess or implement the plans of work described in technical rule 30.1: Water Budget Tier 3 not included in your original assessment report(s).	Assessment report information gaps
<b>Answer:</b>		A comprehensive review and update to the Kettle Creek Assessment Report and Source Protection Plan was completed under Section 36 of the Clean Water Act and was submitted to MECP for approval in September 2023. The update does not include work described in technical rule 30.1: Water Budget Tier 3.	
<b>Comment:</b>			



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### Kettle Creek

Report Id	Completed	Question	Category
324	True	[OPTIONAL] Where the 2021 technical rules were used for the assessment report update/amendment, provide a summary of steps taken to further assess or implement the plans of work described in technical rule 50.1: GUDI for WHPA-E or F not included in your original assessment report(s).	Assessment report information gaps
<b>Answer:</b>		A comprehensive review and update to the Kettle Creek Assessment Report and Source Protection Plan was completed under Section 36 of the Clean Water Act and was submitted to MECP for approval in September 2023. The update does not include work described in technical rule 50.1: GUDI for WHPA-E or F not included in your original assessment report(s).	
<b>Comment:</b>			

Report Id	Completed	Question	Category
330	True	Does the source protection authority have any other item(s) on which it wishes to report? If so, please explain.	Other reporting items
<b>Answer:</b>		No other items to report for the current reporting period.	
<b>Comment:</b>			



# Source Water Protection Annual Report 2023 - Supplemental Form Kettle Creek

Report Id	Completed	Question	
350	True	In the opinion of the Source Protection Committee, to what extent have the objectives of the source protection plan been achieved in this reporting period?	
<b>Response</b>			<b>Answer</b>
Progressing Well - The majority of the policies from the approved original or an amended source protection plan have been implemented and/or are progressing well			Yes
Satisfactory - Some of the policies from the approved original or an amended source protection plan have been implemented and/or are progressing well			No
Limited Progress made - A few of the policies from the approved original or an amended source protection plan have been implemented and/or are progressing well			No
<b>Comment:</b>			



# Source Water Protection Annual Report

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Report Id	Completed	Question	Category
351	True	Please provide comments to explain how the Source Protection Committee arrived at its opinion. Include a summary of any discussions that might have been had amongst the Source Protection Committee members, especially where no consensus was reached.	Achievement of source protection plan objectives
<b>Answer:</b>		Lake Erie Source Protection Region (LESPR) staff conducted a detailed analysis of the information and data received from implementing bodies and developed the draft Annual Progress Report and supplemental form responses for the Source Protection Committee (SPC) to review. The SPC was provided with a copy of the documents as part of the agenda package for the March 28, 2024 SPC meeting. During the meeting details of the report were presented and SPC members discussed implementation progress for the Source Protection Area and agreed on their response for Part II "A message from your local Source Protection Committee" .	
<b>Comment:</b>			