

# **Kettle Creek Source Protection Authority** April 19, 2023

Agenda 11:00 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 March 22, 2023	.2
<b>Recommendation:</b> THAT the minutes of the March 22, 2023 Kettle Creek Source Protection Authority be approved.	
New Business	
a) Kettle Creek Annual Progress Report5	,

**Recommendation:** THAT the Kettle Creek Source Protection Authority accept the Lake Erie Region Source Protection Committee comments regarding the extent to which objectives of the Kettle Creek Source Protection Plan have been achieved during the annual reporting period January 1, 2022 to December 31, 2022.

AND THAT the Kettle Creek Source Protection Authority direct Lake Erie Source Protection Region staff to submit the Kettle Creek annual report to the Ministry of the Environment and Climate Changein accordance with S.46 of the Clean Water Act, 2006 and any Director's instructions established under O.Reg. 287/07 S.52.

**Next Meeting** As required.

# **KETTLE CREEK SOURCE PROTECTION AUTHORITY** Wednesday, March 22, 2023, 10:39 a.m.

A hybrid meeting of the Kettle Creek Source Protection Authority was held on Wednesday, March 22, 2023 at 11:09 a.m. with members and staff joining in-person and electronically. The meeting was streamed live to Facebook.

### **Members Present:**

Frank Berze	Middlesex Centre	In Person
Lori Baldwin-Sands (Vice Chair)	St. Thomas	In Person
Jim Herbert	St. Thomas	In Person
Sharron McMillan	Thames Centre	In Person
Todd Noble	Central Elgin	In Person
Sam Trosow	London	In Person
John Wilson	Malahide	In Person

### Members Absent:

Grant Jones (Chair) Southwold

### Staff Present:

Joe Gordon
Jessica Kirschner
Betsy McClure
Elizabeth VanHooren
Jeff Lawrence
Brandon Lawler
Marianne Levogiannis

Manager of Planning and Development In Person GIS/Information Services Coordinator Virtual Stewardship Program Supervisor Virtual General Manager/Secretary Treasurer In Person Forest and Lands Supervisor Virtual Forests and Lands Technician Virtual Public Relations Supervisor Virtual

As Grant Jones was absent, the Vice Chair Lori Baldwin-Sands assumed the Chair and conducted the meeting.

### **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.

### **Election of Officers and Administrative Approvals**

### KCSPA1/2023

Moved by: Frank Berze

Seconded: Sharron McMillan

That the Chair, Vice Chair and all officers elected or appointed by the Kettle Creek Conservation Authority in 2023 serve in the same roles for the Kettle Creek Source Protection Authority in 2023.

Carried

### **Presentation: Source Protection Overview**

VanHooren provided members with an overview of the Source Protection Program to date.

### **Minutes of Meetings**

- a) Kettle Creek Source Protection Authority April 20, 2022
- b) Lake Erie Region Management Committee Meeting November 25, 2022
- c) Lake Erie Region Source Protection Committee Meeting September 29, 2022

### KCSPA2/2023

Moved by: Jim Herbert Seconded: Sam Trosow

THAT the minutes of the April 20, 2022 Kettle Creek Source Protection Authority be approved, and further;

That the minutes of the Lake Erie Regional Management Committee of November 25, 2022 and the Lake Erie Region Source Protection Committee Meeting of September 29, 2022 be received.

Carried

### Correspondence

There was no correspondence.

### **New Business**

a) Kettle Creek Source Protection Plan Section 36 Update

VanHooren provided an overview of the Kettle Creek Source Protection Plan Section 36 Update. The Update will be posted for public consultation from April 5, 2023 to May 9, 2023. Members received the staff report as information.

### b) Information Item

The Chair informed members that in light of the train derailment near the Ohio River in February some City of St. Thomas councilors had received calls from citizens concerned with the safety of the drinking water pulled from Lake Erie. The Lake Huron and Elgin Area Water Supply System (EAWSS) assured the public that they continue to monitor raw water quality for a long list of contaminants and no adverse effects of the spill were noted. The EAWSS works closely with the Province of Ontario and other water systems to ensure that a wide view of source water quality is maintained.

The meeting adjourned at 11:33 a.m.

Elizabeth Van Hoover

Elizabeth VanHooren
General Manager/Secretary Treasurer

Lori Baldwin-Sands Vice Chair DATE: April 19, 2023

TO: Kettle Creek Source Protection Authority

FROM: Elizabeth VanHooren

**SUBJECT:** Kettle Creek Annual Progress Report

### **RECOMMENDATION:**

THAT the Kettle Creek Source Protection Authority accept the Lake Erie Region Source Protection Committee comments regarding the extent to which objectives of the Kettle Creek Source Protection Plan have been achieved during the annual reporting period January 1, 2022 to December 31, 2022.

AND THAT the Kettle Creek Source Protection Authority direct Lake Erie Source Protection Region staff to submit the Kettle Creek annual report to the Ministry of the Environment and Climate Change in accordance with S.46 of the Clean Water Act, 2006 and any Director's instructions established under O.Reg. 287/07 S.52.

### **SUMMARY:**

- 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.
- KCSPA Annual Progress Report was reviewed by the Lake Erie Region Source Protection
  Committee at their March 30, 2023 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, 2023 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 Kettle Creek Annual Progress Report is a high-level overview the Source Protection Plan's implementation and the overall success of the program. It is meant for public consumption.

The Supplemental Form is used to collect information from implementing bodies to inform the Progress Report. The Supplemental Form contains two questions that require the Source Protection Committee's input:

- Committee's opinion on the extent to which the objectives of the plan have been achieved during the reporting period
- o Comments to explain how the Committee arrived at their opinion.

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 30, 2023.

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.

Only two existing significant drinking water threats were identified in the Kettle Creek Source Protection Area when the plan took effect. Since implementation of the plan, both threats (100%) have been addressed: one no longer exists and the other is being managed through a Risk Management Plan (RMP). All legally-binding plan policies that address significant drinking water threats are either implemented, in progress, or implemented because policy outcomes were evaluated and require no further actions(s).

At the March 30, 2023 the Lake Erie Source Protection Committee passed the following motion:

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 Kettle Creek Annual Progress Report 2022 to the Kettle Creek Source Protection Authority for submission to the Ministry of the Environment, Conservation and Parks, along with any Source Protection Committee comments.

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 Kettle Creek Source Protection Authority accept the Lake Erie Region Source Protection Committee comments regarding the extent to which objectives of the Kettle Creek Source Protection Plan have been achieved during the annual reporting period January 1, 2022 to December 31, 2022.

AND THAT the Kettle Creek Source Protection Authority direct Lake Erie Source Protection Region staff to submit the Kettle Creek annual report to the Ministry of the Environment and Climate Change in accordance with S.46 of the Clean Water Act, 2006 and any Director's instructions established under O.Reg. 287/07 S.52.



April 3, 2023

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

Dear Chair Jones:

# **RE: Annual Progress Reporting**

The Kettle Creek Source Protection Plan has been in effect since January 1, 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, Kettle Creek Source Protection Authority (SPA) is required to submit source protection plan annual progress reports to the Ministry of the Environment, Conservation and Parks (MECP) by May 1 of each year. The annual reports provide valuable information about the implementation of the Kettle Creek Source Protection Plan and the overall success of the program. The Kettle Creek Annual Progress Report (**Appendix A**) and Supplemental Form (**Appendix B**) reflect implementation efforts from January 1 to December 31, 2022.

On March 30, 2023, the Lake Erie Region Source Protection Committee passed the following resolutions:

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 Kettle Creek Annual Progress Report 2022 to the Kettle Creek Source Protection Authority for submission to the Ministry of the Environment, Conservation and Parks, along with any Source Protection Committee comments.

As such, this letter serves as a notice pursuant to the annual progress reporting administrative protocol, adopted by the Lake Erie Source Protection Region Management Committee (**Appendix C**), to submit the final Kettle Creek Annual Progress Report and Supplemental Form to the Kettle Creek Source Protection Authority.

## **Achievement of Source Protection Plan Objectives**

It is the opinion of the Lake Erie Region Source Protection Committee that implementation of the Kettle Creek Source Protection Plan is progressing well and is on target towards achieving plan objectives.

Only two existing significant drinking water threats have been identified in the Kettle Creek Source Protection Area since the Source Protection Plan came into effect. Both threats (100%) have been addressed: one no longer exists and the other has been managed through a Risk Management Plan (RMP). All legally-binding plan policies that address significant drinking water threats are either implemented, in progress, or implemented because policy outcomes have been evaluated and require no further action(s).

The Kettle Creek SPA is now tasked with considering the provincially-required annual progress reports and submitting them to MECP together 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 at 519-621-2763 ext. 2303 or sdahmer@grandriver.ca.

Sincerely,

Alan Dale

Acting Chair, Lake Erie Region Source Protection Committee

Cc:

Elizabeth VanHooren, General Manager/Secretary-Treasurer, KCCA

# Appendix A: **Kettle Creek Annual Progress Report 2022**

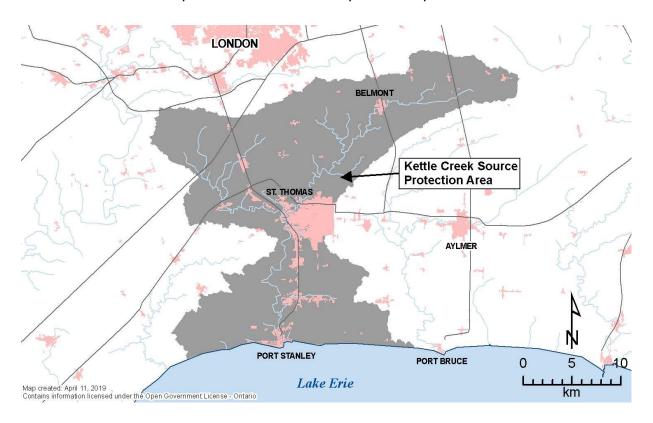


# Kettle Creek Source Protection Annual Progress Report 2022

# I. Introduction

This annual progress report outlines the progress made in implementing the source protection plan for the Kettle Creek Source Protection Area, as required by the Clean Water Act and regulations.

We acknowledge and recognize the tremendous efforts made by our local municipality, stakeholders and Source Protection Committee in the development of the Source Protection Plan and implementation of source protection policies.





# 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.

Only two existing significant drinking water threats have been identified in the Kettle Creek Source Protection Area since the Source Protection Plan came into effect. Both threats (100%) have been addressed: one no longer exists and the other has been managed through a Risk Management Plan (RMP). All legally-binding plan policies that address significant drinking water threats are either implemented, in progress, or implemented because policy outcomes have been evaluated and require no further action(s).

# III. Our Watershed

To learn more, please read our Kettle Creek Assessment Report and Source Protection Plan.

The Kettle Creek Source Protection Area (watershed) includes Kettle Creek and its tributaries. These watercourses drain 520 square kilometres of agricultural and urban lands before entering Lake Erie at Port Stanley. The area includes parts of Elgin County, Middlesex County, the City of St. Thomas, and the City of London.

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

# Source Protection Plan Policies and Addressing Significant Risks

P: Progressing Well/On Target

All of the legally-binding policies (100%) that address significant drinking water threats are either implemented, in progress, or implemented because policy outcomes have been evaluated and require no further action(s).

# 2. Municipal Progress: Addressing Risks on the Ground

P: Progressing Well/On Target

Three municipalities (Malahide, Central Elgin and Thames Centre) in the Kettle Creek Source Protection Area have vulnerable areas where significant drinking



water threat policies apply. These municipalities are 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 as 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 has been negotiated in the Kettle Creek Source Protection Area since the Source Protection Plan came into effect. There are currently no risk management plans needed or pending.

No inspections were carried out or planned by a Risk Management Official/Inspector for prohibited or regulated activities in the 2022 annual reporting period. In the past, there has been a 100% compliance rate with the risk management plans negotiated in the Kettle Creek Source Protection Area.

# 5. Provincial Progress: Addressing Risks on the Ground

### P: Progressing Well/On Target

Ontario Provincial ministries including Ministry of the Environment, Conservation and Parks (MECP), Ministry of Natural Resources and Forestry (MNRF), Ministry of Transportation Ontario (MTO) and Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) implement source protection policies that use prescribed instruments to manage significant threat activities.

Ontario ministries review applications for new or amended provincial approvals (i.e., prescribed instruments, such as Environmental Compliance Approvals issued under the Environmental Protection Act) where they have been identified as a tool in the Kettle Creek Source Protection 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.



The Ministries have reported 100% completion of previously issued Provincial approvals in the Kettle Creek Source Protection Area.

# 6. Source Protection Awareness and Change in Behaviour

There have been no measurable or quantifiable outcomes reported for the 2022 annual reporting period.

# 7. Source Protection Plan Policies: Summary of Delays

Policy PS-NB-8.1 has not been implemented because of communication challenges among the implementing bodies. The policy states that the municipality should provide mapping of the Intake Protection Zone (IPZ) to the Canadian Coast Guard and that the Elgin Area Primary Water Supply System Board and the Canadian Coast guard work together to develop a protocol to report boating accidents within the IPZ. Mapping was provided to the Canadian Coast Guard. No Protocol has been developed between the Canadian Coast Guard and Elgin Area Water Supply System Board. Policy is being reviewed and will likely be amended through s. 36 plan update.

# 8. Source Water Quality: Monitoring and Actions

No issues have been identified in the local science-based assessment report regarding the quality of the source(s) 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 regarding the Section 36 workplan for updates to the Kettle Creek Assessment Report and Source Protection Plan.

Examples of tasks in the Section 36 work plan include incorporation of:

- Director's Technical Rule changes
- Transport pathway updates (e.g. consider any identified transport pathways for incorporation into the Assessment Report and Source Protection Plan)
- Climate change considerations (e.g. review and assess potential climate change additions to the technical framework and make appropriate updates to the Assessment Report and Source Protection Plan.

The tasks identified in the s.36 workplan are in the process of being incorporated into a s. 36 Kettle Creek Source Protection Plan update. The plan update is



expected to be completed and submitted to the Ministry for review and approval in 2023.

# 10. More from the Watershed

To learn more about the Kettle Creek Source Protection Area, visit the <u>Lake Erie Source Protection website</u>.

# Appendix B:

# **Kettle Creek Source Water Protection Annual Report 2022 Supplemental Form**



Donort Id	Completed	Question	
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.	
Response			Answer
Risk Manag	gement Official		Yes
Municipality	/		Yes
Conservation	on Authority		Yes
Local Healt	th Unit		No
MECP - Wa	aste Disposal S	Sites - Landfilling and Storage	Yes
MECP - Wa	astewater/Sewa	age Works	Yes
MECP - Pe	sticides		Yes
	uled Sewage/E		Yes
MECP - Ha	uled Sewage/E	Biosolids Inspections	Yes
	rmit to Take W		Yes
		ater Inspections	Yes
MECP - Mu	ınicipal Reside	ntial Drinking Water Systems	Yes
	•	ntial Drinking Water Systems Inspections	Yes
MECP - So	urce Protection	า	No
MECP - Wa	aste Disposal S	Sites - Landfilling and Storage Inspections	Yes
MECP - Wa	astewater/Sewa	age Works Inspections	Yes
MECP - Co	nditions Sites		No
MECP - NN	//A - ASM and	NASM Inspections	Yes
MECP - En	vironmental M	onitoring	No
MECP - Fu	el		No

Date Printed: 3/23/2023 11:18:39 AM

MECP - Great Lakes

No



MECP - Spills Response			
MECP - Wells	No		
OMAFRA	Yes		
MNRF	Yes		
MTO	Yes		
MMAH	Yes		
MGCS-TSSA	No		
MENDM	No		
Provincial Board/Commission			
Federal Departments/Agencies/Commissions/Crown Corporations			
Private Entity/Company			
Association/Organization			
Comment: All the implementing bodies selected as "No" are not applicable.			



Report Id	Completed	Question		Category	
20 Answer:	True	protection plan by using one of the two options outlined in the guidance document (ID 20a) AND (ii) either provide details in the response field text box in section 2 for policies with a "No Progress Made" and "No information available/no response received" implementation status OR complete the table as part of reportable ID 20b in the Excel Workbook for those policies with a "No Progress Made" and "No information available/no response received" implementation status (only if also submitting the Excel Workbook), 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. Please refer to the instructions provided for EAR Reportable ID 20 in the Guidance document which can be found in the FAQ section of the EAR online tool.			
Comment:		nents have been provided for policies marked as "No progre implementing bodies that have submitted a status update /			
Report Id	Completed C	Question			
30		Number of risk management plans agreed to or established existing and future threats) in this reporting period (i.e., annu			
		Current Year	Cumulative Count		
		0	1		
Provincial	Total	0	1		
Comment:					



Report Id	Completed	Question	
31	True	Number of properties (i.e., parcels) with risk management plans agreed to or established in this reporting period.	
		Current Year Cumulative Count	
		0 1	
Provincial <sup>*</sup>	Γotal	0 1	
Comment:			
Report Id	Completed	Question	
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)?	
		Current Year Cumulative Count	
		0 1	
Provincial <sup>*</sup>	Γotal	0 1	
Comment:			
Report Id	Complete	d Question	Category
33	True	Please state the number of known properties with existing significant drinking water threat activities that are subject to section 58 policy but are not yet managed with an established or agreed to risk management plan.	Part IV (Sections 57, 58 & Section
nswer:	0		59)
comment:	Num	nber is different from previous years because question has changed.	



Report Id	Complete	d Question	Category	
34	True	Since their establishment, were any risk management plans cancelled within the source protection region/area because of updates or amendments or other changes? If yes, please state how many. If no, please enter "0". Note: This count should be an annual count.		
Answer:	0		59)	
Comment:				
Report Id	Completed	Question		
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?		
		Current Year Cumulative Count		
		0 0		
Provincial 7	Γotal	0 0		
Comment:				
Report Id	Completed	Question		
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?		
		Current Year Cumulative Count		
		0 0		
Provincial <sup>7</sup>	Γotal	0 0		
Comment:				



Report Id	Completed	Question			
50	True	For the purposes of section 61 of O. Reg. 287/07, how many notices and/or copies of prescribed instruments that state the prescribed instrument conforms with the significant drinking water threat policies in the source protection plan (i.e., statement of conformity confirms the instrument holder is exempt from requiring a risk management plan) did the risk management official receive in this reporting period?			
		Current Year	Cumulative Count		
		0	0		
Provincial	Total	0	0		
Comment:					
Report Id	Completed	Question			
61	True	State the total number of inspections (including any follow-up or future) that are prohibited under section 57 of the Clean W conducted in the previous calendar year, please explain.			
		Current Year	Cumulative Count		
		0	3		
Provincial	Total	0	3		
Comment:					



Report Id	Completed	Question					
62	True	mong the inspections conducted for section 57, how many showed that activities were taking place on the andscape even though they were prohibited (i.e., in contravention) under section 57 of the Clean Water Act in this eporting period?					
		Current Year	<b>Cumulative Count</b>				
		0	0				
Provincial <sup>*</sup>	Γotal	0	0				
Comment:							
Report Id	Completed	Question					
70	True	How many existing significant drinking water threats have be this reporting period?	en prohibited as a result of section 57 prohibitions i	n			
		Current Year	<b>Cumulative Count</b>				
		0	0				
Provincial <sup>*</sup>	Γotal	0	0				
Comment:							
Report Id	Completed	Question					
80	True	State the total number of inspections (including any follow-up require a risk management plan under section 58 of the Clea were conducted in the previous calendar year, please explain	n Water Act in this reporting period. If no inspectior	os			
		Current Year	Cumulative Count				
		0	2				
Provincial <sup>*</sup>	Γotal	0	2				
Comment:							
- 3							



Report Id	Completed	Question
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)?
		Current Year Cumulative Count
		0 0
Provincial 1	otal	0 0
Comment:		
Report Id	Completed	Question
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.)
		Current Year Cumulative Count
		0 0
Provincial 1	otal	0 0
Comment:		
Report Id	Completed	Question
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.
		Current Year Cumulative Count
		0 0
Provincial 1	Total	0 0
Comment:		



Report Id	Completed	Question
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.
		Current Year Cumulative Count
		0 0
Provincial <sup>7</sup>	Γotal	0 0
Comment:		
Report Id	Completed	Question
85	True	State the total number of orders issued for contraventions and/or non-compliance found with section 57 in this reporting period.
		Current Year Cumulative Count
		0 0
Provincial <sup>7</sup>	Γotal	0 0
Comment:		
Report Id	Completed	Question
86	True	State the total number of orders issued for contraventions and/or non-compliance found with section 58 in this reporting period.
		Current Year Cumulative Count
		0 0
Provincial <sup>-</sup>	Γotal	0 0
Comment:		



### 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
Municipality of Thames Centre
Township of Malahide
Municipality of Central Elgin

Official Plan

Completed

In Progress/Updates Underway
In Progress/Updates Underway

Not Started

### 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:			



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.	
		Current Year Cumulative Count	
		0 32	
Provincial	Total	0 32	
Comment:			
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.	
		Current Year Cumulative Count	
Di.ziali	T-4-1	0 0	
Provincial <sup>*</sup>	ıotaı	0 0	
Comment:			
Report Id	Complete	d 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
nswer:	0		mspections
comment:			



Report Id	Completed	I 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
Answer:	0		
Comment:			
Report Id	Completed	l Question	Category
262	True	How many on-site sewage system inspections were completed in this reporting period?	Sewage System
Answer:	0		Inspections
Comment:			
Report Id	Completed	Question	
263	True	How many of the inspected on-site sewage systems required minor maintenance work in this reporting period?	
		Current Year Cumulative Count	
		0 0	
Provincial	Total	0 0	
Comment:			



Report Id	Completed	Question
264		How many of the inspected on-site sewage systems required major maintenance work (e.g., tank replacement, etc.) in this reporting period?
		Current Year Cumulative Count
		0 0
Provincial	Total	0 0
Comment:		
Report Id	Completed	Question
265	True	How many of the inspected on-site sewage systems required no maintenance work?  Sewage System Inspections
nswer:	0	mapections
Comment:		



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].	
Response			Answer
landowner	refused entry, o	compliance order being sought	No
inspections	delayed/postp	oned due to COVID-19 restrictions	No
vulnerable	area changed a	and on-site sewage system(s) no longer a threat activity	No
other. Pleas	se specify in th	e comment box below.	No
Comment:			



Report Id	Completed	Question	Category
267	True	If applicable, please indicate if any municipality(ies) has not yet established or initiated the mandatory on-site sewage system inspection program (i.e., the first inspection cycle) in your source protection region/area. As part of your response, please indicate the name of the municipality(ies), the reason(s) for not yet initiating the mandatory on-site sewage inspection program (if known) and the steps that have been taken to ensure compliance with the mandatory inspection program.	Sewage System Inspections
Answer:		are no on-site sewage systems that require inspection in the Kettle Creek Source Protection Area, and therefore in inspection program.	no on-site
Comment:			

### 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.

Comment:



Report Id	Completed	Question	
280	True	How many notices about transport pathways (meaning a con and quarries, improperly abandoned wells, geothermal syste supply of a drinking water system) did the source protection a period (as per O. Reg. 287/07, ss. 27(3))?	m, etc.) that increases the vulnerability of a raw water
		Current Year	Cumulative Count
		0	0
Provincial	Total	0	0
Comment:			



Report Id	Completed	Question		
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:		
Response			Answer	
Provided in	Provided information to municipalities about changes in vulnerability No			
Provided no	otice to Source	Protection Committee for information	No	
Situation co	ntinues to be r	monitored	No	
Comment:	No transpo	rt pathway notices were received in the 2022 reporting year.		



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).	
Response			Answer
Education a etc.)	ınd Outreach (i	n description include details, if available, on type and percentage of target population reached, outcome(s) achieved,	No
Incentives (	in description i	nclude details, if available, on outcome(s) achieved, how widely available was the incentive, etc.)	No
Stewardship	o Programs		No
Best Manag	gement Practic	es	No
Pilot Progra	ms		No
Research			No
		salt management, municipal by-laws, legislative or regulatory amendments, mapping, review of fuel codes, new airport on manage runoff of chemicals from de-icing of aircraft, instrumentation, etc.)	No
Climate Cha	ange (e.g., data	a collection)	No
Spill preven	tion/spill contin	ngency/emergency response plan updates	No
Transport p	athways		No
Water quan	tity		No
Great Lakes	5		No
Other polici	es (i.e., strateg	jic action, etc.)	No
Comment:	Kettle Cree	k Source Protection Authority will not be providing responses to optional questions.	



### 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. \*NOTE: SPAs are strongly encouraged to refer to the Guidance document for additional details and instructions on completing this table.

	·				
ThreatId	Threat	Α	В	С	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
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	1
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
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



	Waterfowl	0	0	0
1010	Local conditi	on 0	0	0
	1	1 Totals: 2	0	1
Commer	nt:	MECP Ca	c (C+D)/(A	+B): 100
Report Id	Completed	Question	Cate	gory
310	True	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 first threat addressed because policy is implemented).	existii enum threated	erated
Answer:	Source	through field verification to no longer be threats) and dividing it by the number that is derived by adding the to numbers in columns A and B. In other words, overall progress made = (C+D)/(A + B).  Exercentage of overall progress made is 100%. Only two existing significant drinking water threats were identified a Protection Area when the Plan took effect. Since implementation of the plan, both threats (100%) have been exists and the other was managed through a Risk Management Plan (RMP).	in the Kettl	
	Source	numbers in columns A and B. In other words, overall progress made = (C+D)/(A + B).  ercentage of overall progress made is 100%. Only two existing significant drinking water threats were identified a Protection Area when the Plan took effect. Since implementation of the plan, both threats (100%) have been	in the Kettl	
Comment:	Source	numbers in columns A and B. In other words, overall progress made = (C+D)/(A + B).  ercentage of overall progress made is 100%. Only two existing significant drinking water threats were identified a Protection Area when the Plan took effect. Since implementation of the plan, both threats (100%) have been	in the Kettl	one no
Comment: Report Id	Source longer	numbers in columns A and B. In other words, overall progress made = (C+D)/(A + B). ercentage of overall progress made is 100%. Only two existing significant drinking water threats were identified a Protection Area when the Plan took effect. Since implementation of the plan, both threats (100%) have been exists and the other was managed through a Risk Management Plan (RMP).	in the Kettl addressed: Cates	gory ssment



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
Answer:	Asses	ler was received from the Ministry on July 22, 2019 regarding the Section 36 workplan for updates to the Kettle Crossment Report and Source Protection Plan. A plan update under s. 36 of the Clean Water Act, 2006, was initiated in a does not include work described in technical rule 50.1: the delineation/update of a GUDI for WHPA-E or F.	
Comment:			
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
Answer:	Asses	ler was received from the Ministry on July 22, 2019 regarding the Section 36 workplan for updates to the Kettle Crossment Report and Source Protection Plan. A plan update under s. 36 of the Clean Water Act, 2006, was initiated in a does not include work described in technical rule 116: the delineation/update of Issue Contributing Areas (ICAs).	
Comment:			
Report Id	Completed	Question	Category
323	True	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
Answer:	Kettle	Creek Source Protection Authority will not be providing responses to optional questions.	5 1
Comment:			



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
Answer:	gaps Kettle Creek Source Protection Authority will not be providing responses to optional questions.		gaps
Comment:			
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
Answer:	The two water systems (Belmont Well Supply, Elgin Area Water Supply) that are located in the Kettle Creek Source Protection Area are well protected and all the significant drinking water threats have been addressed.		ection Area are
Comment:			
Report Id	Completed	Question	Category
340	True	What positive outcomes (e.g., less water consumption, changes in behaviour, reduction in phosphorus and	Source

any, have potentially resulted from the implementation of source protection plan policies? Please describe the outcomes outcomes below.

Answer: There have been no measurable or quantifiable outcomes over this annual reporting year.

Comment:

nitrogen concentrations, less chloride from road salt, reduction in algal blooms, human health protected, etc.), if

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protection



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?	
Response			Answer
Progressing progressing		ajority of the policies from the approved original or an amended source protection plan have been implemented and/or are	Yes
Satisfactory progressing		policies from the approved original or an amended source protection plan have been implemented and/or are	No
	gress made - A	I few of the policies from the approved original or an amended source protection plan have been implemented and/or are	No
Comment:			



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	
Answer:	Protect throug	Only two existing significant drinking water threats have been identified in the Kettle Creek Source Protection Area since the Source Protection Plan came into effect. Both threats (100%) have been addressed: one no longer exists and the other has been managed through a Risk Management Plan (RMP). All legally-binding plan policies that address significant drinking water threats are either implemented, in progress, or implemented because policy outcomes have been evaluated and require no further action(s).		
Comment:				

# Appendix C: **Annual Progress Reporting – Administrative Protocol**

### LAKE ERIE SOURCE PROTECTION REGION

**REPORT NO. 17-01-03 DATE:** January 31, 2017

**TO:** Lake Erie Source Protection Region Management Committee

SUBJECT: Annual Progress Reporting – Proposed Administrative Protocol

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### RECOMMENDATION:

THAT the Lake Erie Source Protection Region Management Committee adopt the Proposed Administrative Protocol for the preparation and submission of Annual Progress Reports.

### REPORT:

- The requirement for source protection annual reporting is established in the *Clean Water Act*, 2006 (CWA) and in Lake Erie Source Protection Region monitoring policies.
- Source Protection Authorities (SPA) are required to provide annual reports to the Ministry of the Environment and Climate Change (MOECC) in accordance with S.46 of the CWA and any Director's instructions established under O. Reg. 287/07 S.52. The first Lake Erie Region Annual Progress Reports are due for submission to the Ministry May 1, 2018 (Catfish and Kettle SPA); Long Point Region and Grand River SPA Annual Progress Reports are due May 1, 2019. Adopting the administrative protocol one year prior to the submission of the first Annual Progress Reports will allow for the process to be tested, refined and finalised for 2018.

### CWA, S. 46: Annual progress reports

- 46. (1) The source protection authority shall annually prepare and submit to the Director and the source protection committee in accordance with the regulations a report that,
- (a) describes the measures that have been taken to implement the source protection plan, including measures taken to ensure that activities cease to be significant drinking water threats and measures taken to ensure that activities do not become significant drinking water threats;
- (b) describes the results of any monitoring program conducted pursuant to section 45;
- (c) describes the extent to which the objectives set out in the source protection plan are being achieved; and
- (d) contains such other information as is prescribed by the regulations. 2006, c. 22, s. 46 (1).

Submitting report to source protection committee

(2) At least 30 days before submitting the report to the Director under subsection (1), a source protection authority shall submit the report to the source protection committee.2006, c. 22, s. 46 (2).

Review by source protection committee

(3) After receiving the report from the source protection authority, the source protection committee shall review the report and provide written comments to the source protection authority about the extent to which, in the opinion of the committee, the objectives set out

in the source protection plan are being achieved by the measures described in the report. 2006, c. 22, s. 46 (3).

Including comments of source protection committee

(4) If the source protection committee provides comments to the source protection authority under subsection (3) before the report is submitted to the Director under subsection (1), the source protection authority shall include a copy of the comments in the report. 2006, c. 22, s. 46 (4).

### Available to public

(5) Subject to subsection (6), the source protection authority shall ensure that the report is available to the public as soon as reasonably possible after it is submitted to the Director. 2006, c. 22, s. 46 (5).

### No personal information

(6) When a report is made available to the public under subsection (5), the source protection authority shall ensure that it does not contain any personal information that is maintained for the purpose of creating a record that is not available to the public. 2006, c. 22, s. 46 (6).

### Summary of progress reports

- (7) The Minister shall include a summary of the reports submitted by source protection authorities under this section in the annual report prepared by the Minister under subsection 3 (4) of the Safe Drinking Water Act, 2002. 2006, c. 22, s. 46 (7).
- The information required to complete the Annual Progress Reports will be generated from Municipal Annual Reports – as required by Lake Erie Source Protection Plan policies – and from RMO Annuals Reports, as per S.81 of the CWA and in accordance with O. Reg. 287/07 S.65. Both reports are required to be submitted annually by February 1 to the respective SPA.
- Lake Erie Region staff have reviewed the legislated process and requirement for the development and submission of Annual Progress Reports and have prepared a Proposed Administrative Protocol (see Appendix). The legislation as outlined above assigns the SPA a larger role than in the pre-plan approval period. However, the MOECC has encouraged source protection areas and regions to maintain established SPC and SPA roles and responsibilities. The aim of the proposed protocol is to define a simplified and standardized procedure that can be used on an annual basis.

Prepared by:	Approved by:	
llæfuldmænn	Mall	
Ilona Feldmann Source Protection Program Assistant	Martin Keller, M.Sc. Source Protection Program Manager	

### **Appendix**

### **Source Protection Planning – Lake Erie Source Protection Region**

# **Proposed Administrative Protocol**

Prepared January 31, 2017

### Annual Progress Reporting

Preparation and Submission of Annual Progress Report

- Following receipt of municipal, provincial, and RMO annual reports on February 1 of each year, Lake Erie Region staff will prepare a draft Annual Progress Report for each of the four watersheds in the Lake Erie Region to be presented to the Lake Erie Region Source Protection Committee at the April Source Protection Committee meeting.
- Together with the draft Annual Progress Reports, Lake Erie Region staff will also prepare and present to the committee at the April committee meeting a draft letter to each of the four Source Protection Authorities in the Lake Erie Region. The draft letter will include comments about the extent to which the objectives set out in the source protection plan are being achieved by the measures described in the draft Annual Progress Reports.
- At the April Source Protection Committee meeting, members will review and discuss the draft Annual Progress Reports and draft letters to the four Source Protection Authorities and will provide direction to Lake Erie Region staff to finalise the reports and letters. The committee will provide specific comments about the extent to which, in the opinion of the committee, the objectives set out in the source protection plan are being achieved by the measures described in the draft Annual Progress Reports.
- Lake Erie Region staff will finalise the Annual Progress Reports and letters and submit the reports to the respective Source Protection Authority at their next regular Source Protection Authority meeting. Each of the four Source Protection Authorities in the Lake Erie Region will submit the Annual Progress Report together with the comments (letter) from the Lake Erie Region Source Protection Committee to the Director of the Source Protection Programs Branch at the Ministry of the Environment and Climate Change.