

Source Protection Annual Progress Report | 04/05/2018

I. Introduction

Kettle Creek's Annual Progress Report is a reflection of Source Water Protection Program efforts and more broadly, a snapshot of the program's progress in the Kettle Creek Source Protection Area.

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

Our progress score on achieving source protection plan objectives this reporting period:

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

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 was managed through a Risk Management Plan (RMP). Additionally, many of the applicable plan policies (68%) that address significant drinking water threats are implemented or in progress. It is important to note that no response was required/not applicable for 25% of the plan policies that address significant drinking water threats.

III. Our Watershed

To learn more, please read our assessment report(s) and source protection plan(s).

The Kettle Creek Source Protection Area (watershed) includes Kettle Creek and its tributaries. They 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: a well in Belmont and the Elgin Area Primary Water Supply System (EAPWSS) in Port Stanley.

Only two significant drinking water threat activities were identified in the Kettle Creek Source Protection Area when the plan went in to effect. Since that time, both threats have been addressed.

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

1. Source Protection Plan Policies

P : Progressing Well/On Target

Many of the applicable policies (68%) that address significant drinking water threats are implemented or in progress; no response was required/not applicable for 25% of the plan policies that address significant drinking water threats.

2. Municipal Progress: Addressing Risks on the Ground

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.

P : Progressing Well/On Target - All three municipalities have processes in place to ensure that their day-to-day planning decisions conform with the Kettle Creek Source Protection Plan.

Municipalities in the Source Protection Area are also required to take the next step 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. All three municipalities have completed amendments to their Official Plan or are in the process of amending their Official Plan to conform with the Source Protection Plan. Two municipalities are in the process of amending their Zoning By-Laws to conform with the Source Protection Plan - one municipality has not started their conformity exercise.

3. Septic Inspections

P : Progressing Well/On Target

Not applicable to the Source Protection Area.

4. Risk Management Plans

P : Progressing Well/On Target

In the previous calendar year, no risk management plans were established/agreed to in the Kettle Creek Source Protection Area. However, since the Kettle Creek Source Protection Plan took effect, one risk management plan has been agreed to.

There were no inspections carried out or planned by a Risk Management Official/Inspector for prohibited or regulated activities since the Plan went into effect.

5. Provincial Progress: Addressing Risks on the Ground

P : Progressing Well/On Target

Ontario ministries are reviewing previously issued provincial approvals (i.e., prescribed instruments, such as environmental compliance approvals under the Environmental Protection Act) where they have been identified as a tool in the Kettle Creek Source Protection Plan to address existing activities that pose a significant risk to sources of drinking water. The provincial approvals are being amended or revoked where necessary to conform with plan policies. Kettle Creek Source Protection Plan policies set out a time line of 3 years to complete the review and make any necessary changes. The ministries have completed this for 100% of previously issued provincial approvals in the Kettle Creek Source Protection Area.

6. Source Protection Awareness and Change in Behaviour

An example of an awareness campaign to change public and stakeholder behaviour:

A local campaign spearheaded by Kettle Creek Conservation Authority and Elgin St. Thomas Public Health promoted the importance of keeping our municipal drinking water safe. The #ichoosetapwater campaign consisted of a video contest and a reusable water bottle giveaway. The contest invited Grades 3 to 7 classes to submit a video highlighting the importance of choosing tap water over bottled water. Classrooms were provided messaging on the importance of keeping municipal drinking water safe to be incorporated into the videos. The winning entry was awarded a cash prize.

7. Source Protection Plan Policies: Summary of Delays

Not applicable to the Source Protection Area.

8. Source Water Quality: Monitoring and Actions

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

9. Science-based Assessment Reports: Work Plans

No work plans were required to be implemented for the Kettle Creek Assessment Report.

10. More from the Watershed

To learn more about our source protection region/area, visit our Homepage.

<http://www.sourcewater.ca>

#ichoosetapwater

“

I Pledge to take shorter
Showers and to take better care
of the Water in our enviornment.

”



Kettle Creek CA @KettleCreekCA · Jun 8

Enjoyed the day training St Williams - Long Point Station @CCG_GCC -
Inshore Rescue Boat Service on #SourceWaterProtection #GreatLakes

