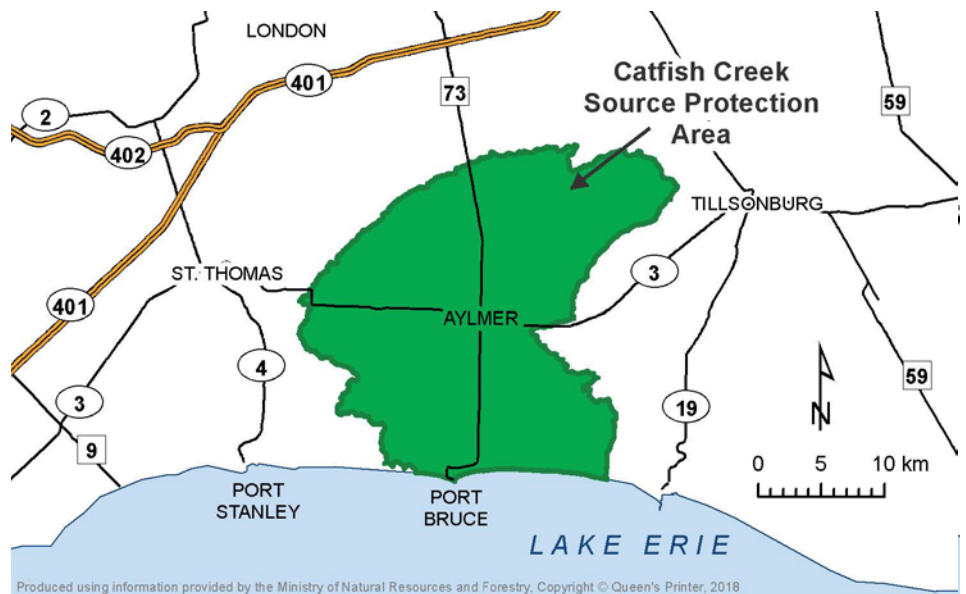


Catfish Creek Source Protection Area

2017 ANNUAL REPORT

Catfish Creek's 2017 Annual Report is a reflection of Source Water Protection Program implementation efforts and more broadly, a snapshot of the program's progress in the Catfish Creek watershed.



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Map of Catfish Creek Source Protection Area

This is the first Annual Report on the progress of the Source Water Protection Program in the [Catfish Creek Source Protection Area](#).

This report is produced by Lake Erie Source Protection Region and written for the citizens of the Catfish Creek watershed, the [Lake Erie Region Source](#)

[Protection Committee](#) and local stakeholders.

The report showcases two Source Water Protection program categories developed by the [Ministry of the Environment and](#)

[Climate Change](#) (MOECC). The categories help tell the story of progress towards full implementation of Source Protection Plans and the protection of municipal drinking water sources.

We acknowledge and recognize the tremendous efforts made by our local municipalities, stakeholders and Source Protection Committee in the development of the Source Protection Plans, implementation of Source Water Protection policies and development of this annual report.

Clean Water Act

The Ontario government passed the [Clean Water Act](#) in 2006 to implement some of the recommendations of the Walkerton Inquiry. The Clean Water Act ensures communities protect their drinking water supplies through prevention - by developing collaborative, watershed-based source protection plans that are locally driven and based on science.

Source Water Protection Program

The Clean Water Act led to the creation of the Source Protection Program, establishing Source Protection Regions and Source Protection Areas. Ontario has 19 Source Protection Regions and 38 Source Protection Areas. The goal of the program is to protect current and future municipal drinking water sources from contamination and overuse by developing collaborative, watershed-based Source Protection Plans. A Source Protection Plan is the first barrier in a multi-barrier approach.



The Source Water Protection Program protects municipal drinking water for all of us to enjoy

Lake Erie Region is made up of four watersheds or Source Protection Areas: Grand River, Long Point Region, Catfish Creek and Kettle Creek. Each watershed has its own Source Protection Plan. The [Catfish Creek Source Protection Plan](#) (the Plan) was approved on September 11, 2014 and went into effect January 1, 2015.

Catfish Creek Source Protection Area

The Catfish Creek Source Protection Area includes Catfish Creek and its tributaries. They drain 490 square kilometres of agricultural and urban lands before entering Lake Erie at Port Bruce. The area includes parts of Elgin and Oxford counties.

- Population: **17,000**
- Size: **490km²**
- Drinking water systems: **1**
- Municipal wells and intakes: **2**
- Number of SDWTs at Plan approval: **19**
- Number of SDWTs addressed since plan approval: **18**
- Municipalities implementing source protection policies: **1**

Catfish Creek Quick Facts

The watershed has one municipal water system in the village of Brownsville in the township of Southwest Oxford. The system is comprised of two wells serving about 300 people. A number of communities are also serviced

with municipal water from the Elgin Area Primary Water Supply.

Only 19 existing significant drinking water threat (SDWT) activities were identified in the Catfish Creek Source Protection Area when the Plan went into effect, all within 100 metre radius around the well. Since that time, all but one SDWT has been addressed.

Due to the low number and nature of the SDWT activities, implementation efforts have primarily focussed on inspections and prohibition.

Outcomes presented in this Annual Report are directly influenced by the relatively small size of the Source Protection

Area, recent implementation of the program and current number of significant drinking water threats.

Method of Evaluation

The Source Protection Program's progress in the Catfish Creek Source Protection Area is measured through a Program Assessment – a high-level evaluation tool developed by the MOECC for implementation reporting purposes.

This report showcases two annual reporting results that measure policy implementation efforts from January 1, 2015 to December 31, 2017.

Want more Detail?

The Catfish Creek Annual Progress Report Supplemental Form includes additional reportables and information on implementation progress in the Catfish Creek watershed.

Find out more information about the Source Water Protection Program and what's happening in the Lake Erie Source Protection Region at sourcewater.ca

Program Assessment

Measure of the program's progress in Catfish Creek Source Protection Area



Progressing well / on target

Most of the source protection plan policies have been implemented and/or are progressing according to the timelines in the source protection plan.



Satisfactory

Some of the source protection plan policies have been implemented and/or progressing according to the timelines in the source protection plan.



Limited progress made

A few source protection plan policies have been implemented and/or are progressing according to the timelines in the source protection plan.

Awareness and Willingness

Implementing bodies are willing to integrate source protection into day-to-day business

Outcome

Figure 1: Illustrates the percent integration of source protection into various municipal business processes. Each bullet point represents a different business process.

¹Maps have been updated in the GIS mapping/online Source Protection screening layers.

²Draft updates to Official Plan policies and mapping are underway. Zoning Bylaw updates are the responsibility of the Area Municipalities, and have yet to be initiated.

	Business Processes
100%	<ul style="list-style-type: none"> • Land use planning and/or s.59 policy staff trained in source protection • Maps & schedules include vulnerable areas¹ • Complete planning application requirements
50%	<ul style="list-style-type: none"> • Land use planning guidance documents updated /produced to include source protection • Applicant planning design and technical guidelines updated/produced for source protection • Planning documents updated
75%	<ul style="list-style-type: none"> • Reduced the number of applications that need RMO screening • Source protection integrated into other business processes • OP and ZBL strategy/timeline in place²

Threats Cease To Be

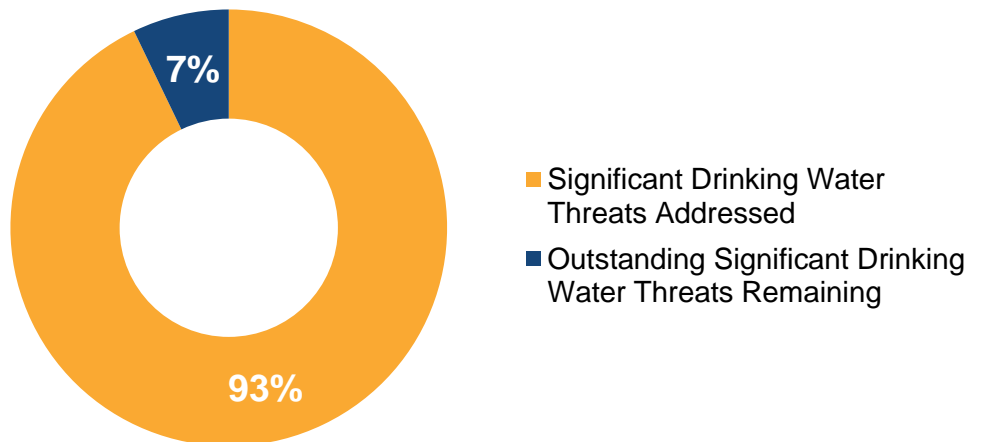
Plan policies have been implemented to address significant drinking water threats

Outcome

Figure 2: Details the number of confirmed significant drinking water threats and how they have been addressed through the implementation of plan policies.

Action Taken to Address Significant Drinking Water Threats	Confirmed number of Significant Drinking Water Threats
Private septic system inspected	9
Prohibition of Agricultural Source Material (ASM) enforced	4
Negotiation of Risk Management Plan (RMP) for storage and handling of fuel - in progress	1

Figure 3: Illustrates the percent of confirmed SDWTS activities that have been addressed. Only one SDWT (storage and handling of fuel) remains outstanding; a Risk Management Plan is currently being negotiated.





LAKE ERIE
SOURCE PROTECTION
REGION

Catfish Creek Source Protection Area

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