

**SOURCE PROTECTION AUTHORITY MEETING**

**April 17, 2019**

**9:30 AM**

**Ball's Falls Centre for Conservation**

**Glen Elgin Room**

**3292 Sixth Avenue, Jordon, ON**

**A G E N D A**

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**1. ADOPTION OF AGENDA**

1.1. Addition of Items

1.2. Change in order of items

**2. DECLARATION OF CONFLICT OF INTEREST**

**3. PRESENTATIONS (and/or Delegations)**

**4. ADMINISTRATIVE BUSINESS**

4.1. Approval of Draft Minutes

4.1.1. Source Protection Authority – February 20, 2019

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4.2. Business Arising from Minutes

4.3. Correspondence

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**5. BUSINESS FOR INFORMATION**

5.1. Reports

5.1.1. Response to February 2019 Source Protection Authority Questions  
Report No. SPA-04-19

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**6. BUSINESS FOR CONSIDERATION**

6.1. Reports

6.1.1. 2018 Source Water Protection Annual Reporting  
Report No. SPA-05-19

Page 9

**7. NEW BUSINESS**

**8. ADJOURNMENT**

**NIAGARA PENINSULA CONSERVATION AUTHORITY (NPCA)  
SOURCE PROTECTION AUTHORITY  
MEETING MINUTES**

Wednesday, February 20, 2019  
9:30 a.m.

Ball's Falls Centre for Conservation  
Glen Elgin Room  
3292 Sixth Avenue, Jordan, ON

**MEMBERS PRESENT:** D. Bylsma (Chair)  
S. Beattie  
P. Chiocchio  
B. Clark  
K. Gibson  
B. Greenwood  
B. Heit  
D. Huson (Vice-Chair)  
T. Insinna  
B. Johnson  
J. Jordan  
J. Metcalfe  
B. Steele  
R. Shirton  
T. Whalen  
B. Wright  
G. Zalepa

**MEMBERS ABSENT:** R. Foster

**STAFF PRESENT:** G. Furtney, Interim Senior Director, Corporate Services  
D. MacKenzie, Director, Watershed Management  
K. Caputo, Director, Communications & Administration (Designated Clerk)  
M. Reles, Senior Manager, Communications  
T. Proks, Source Protection Project Manager  
S. Miller, Senior Manager, Water Resources

**NOTE:** The archived recorded meeting is available on the NPCA website. The recorded video of the Source Protection Authority 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 Board. *NPCA Administrative By-law Section 14.5*

The Board Chair called the meeting to order at 9:32 a.m.

## 1. ADOPTION OF AGENDA

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### 1.1 Addition of Items

There were no addition of items.

### 1.2 Change in Order of Items

There were no changes in order of agenda items.

### 1.3 Adoption of Agenda

Resolution No. SPA-01-19

Moved by Member Zalepa

Seconded by Member Insinna

That the Agenda **BE APPROVED** as presented.

**CARRIED**

## 2. DECLARATION OF CONFLICT OF INTEREST

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There were no declarations of Conflict of Interest.

## 3. PRESENTATIONS (and/or Delegations)

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- 3.1 Thomas Proks did a presentation titled "Source Protection Program Overview". The following resolution was presented:

Resolution No. SPA-02-19

Moved by Member Zalepa

Seconded by Member Insinna

That the Source Protection Authority **RECEIVE** this presentation for information.

**CARRIED**

## 4. ADMINISTRATIVE BUSINESS

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### 4.1 Approval of Draft Minutes

- 4.1.1 Source Protection Authority Board Minutes – September 19, 2018

Resolution No. SPA-03-19

Moved by Member Shirton

Seconded by Member Steele

That the Source Protection Authority Board minutes of the meeting held on September 19, 2018 **BE APPROVED** as presented.

**CARRIED**

#### 4.2 Business Arising from Minutes

There was no business arising from the minutes.

#### 4.3 Correspondence

- 4.3.1 Section 36 Order from Ministry of Environment, Conservation and Parks will be detailed under report SPA-01-19. The following resolution was presented:

Resolution No. SPA-04-19  
Moved by Member Whalen  
Seconded by Member Insinna

That the Section 36 Order from Ministry of Environment, Conservation and Parks will **BE RECEIVED** for information.

**CARRIED**

### 5. BUSINESS FOR INFORMATION

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#### 5.1 Reports

- 5.1.1 Section 36 Order from Ministry of the Environment, Conservation and Parks Report SPA-01-19

Resolution No. SPA-05-19  
Moved by Member Gibson  
Seconded by Member Steele

That Report SPC-01-19 regarding Section 36 Order from Ministry of Environment, Conservation and Parks will **BE RECEIVED** for information.

**CARRIED**

### 6. BUSINESS FOR CONSIDERATION

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#### 6.1 Reports

- 6.1.1 Source Protection Committee (SPC) Appointments  
Report No. SPA 02-19

- 6.1.2. Source Protection Committee – Source Protection Authority Liaison Appointment  
Report No. SPA 03-19

Resolution No. SPA-06-19  
Moved by Member Johnson  
Seconded by Member Metcalfe

1. That the Source Protection Authority Board **APPROVE** the appointments of Councillor Timothy Rigby for Niagara Region and Councillor Tony Dalimonte for Haldimand County; and

2. That the Source Protection Authority Board move to **APPOINT** Mr. Brian Wright to act as the Source Protection Authority Liaison to the Source Protection Committee.

**CARRIED**

## 7. NEW BUSINESS

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There was no new business.

## 8. ADJOURNMENT

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There being no further business, the Source Protection Authority meeting adjourned at 9:55 a.m. with the following resolution;

Resolution No. SPA-07-19  
Moved by Member Insinna  
Seconded by Member Huson

That the Source Protection Authority Meeting **BE NOW ADJOURNED.**

**CARRIED**

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David Bylsma, Board Chair  
Niagara Peninsula Conservation Authority

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Debbie Gullett, Designated Clerk  
Niagara Peninsula Conservation Authority

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**REPORT TO:** Source Protection Authority

**SUBJECT:** Response to February 2019 Source Protection Authority Questions

**REPORT NO:** SPA-04-19

**DATE:** April 17, 2019

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**RECOMMENDATION:**

That the Source Protection Authority **RECEIVE** this report for information.

**PURPOSE:**

This report was generated in response to Source Protection Authority member questions from the February 2019 meeting.

**BACKGROUND:**

Below are the responses to Source Protection Authority member questions from the February 2019 meeting:

**Question 1: Does Source Protection have jurisdiction over the United States?**

As per the Source Protection Plan, Section 1.1: "The Niagara Peninsula Source Protection Area (NPSPA) overlies the same jurisdiction as the Niagara Peninsula Conservation Authority (NPCA) (Ontario Regulation 284/07)." Furthermore, as per the Source Protection Plan, section 2.6.2: "The Source Protection Plan has no jurisdiction or authority to impose its policies on federal lands or agencies..." and by extension the U.S.

**Question 2: Will a spill in Lake Ontario impact the Grimsby Water Treatment Plant?**

The Grimsby Water Treatment Plant intake is located 1.8 kilometres from the shore and is 7.7 metres deep (Updated Assessment Report, Sec. 11.3.2, 2013) (see figure below). Extensive modeling was completed to determine in-lake particle transport and flow regimes based on time-of-travel. The predominant longshore transport direction for Lake Ontario is in a counter-clock wise motion. Based on the extensive studies and modelling, any spills that occur outside of the modelled Intake Protection Zone (IPZ) boundaries are not expected to impact the Grimsby Water Treatment Plant intake.

Further, an IPZ-1 is the primary protection boundary surrounding a Water Treatment Plant intake. For a Great Lakes intake, the Ministry of the Environment, Conservation and Parks Director's Technical Rules state that the IPZ-1 boundary must be a 1 km radius circle. An IPZ-2 boundary is based on the modeling and particle transport and extends to the limit of a two-hour time of travel. In other words, if you have a spill anywhere along the edge of the IPZ-2 boundary, it will take two hours for that spill to reach the intake. Two hours was selected as the appropriate amount of time for a response from Water Treatment Plant Operators to initiate a plant shutdown.

In the event of an incident which would require a plant shutdown, the limiting factor is the notification. If notification of the incident is never delivered, then plant operators would not be aware that an incident has occurred. However, if notification is delivered promptly to the appropriate body, then the notification will



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**Question 4: Is the PFOS (Perfluorooctanesulfonic Acid) in Binbrook a concern for Source Water?**

Currently, Source Protection Plans only addresses municipal drinking water supply protection. Binbrook, is located on the Welland River. Water from the Welland River is not used as a supply of drinking water.

**Prepared by:**

**Reviewed By:**

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**Thomas Proks, P.Ge.  
Source Protection Project Manager  
Hydrogeologist**

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**Darren MacKenzie, C.Tech., rsci  
Director, Watershed Management**

**Submitted by:**

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**D. Gayle Wood, BES, CMM III  
Interim CAO/Secretary-Treasurer**



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**REPORT TO:** Source Protection Authority  
**SUBJECT:** 2018 Source Water Protection Annual Reporting  
**REPORT NO:** SPA-05-19  
**DATE:** April 17, 2019

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**RECOMMENDATION:**

1. The Source Protection Authority **RECEIVE FOR CONSIDERATION** the following documents:
  - a. Source Protection Annual Progress Report;
    - This report concludes that the Source Protection Plan is progressing well.
    - This report is designed for the public and is intended to be posted on the Niagara Peninsula Source Protection Area website.
  - b. Source Water Protection Annual Report 2018 – Policy Implementation Status;
    - This report displays each policy within the Source Protection Plan and its status of implementation.
  - c. Source Water Protection Annual Report 2018 – Supplemental Form; and
    - This report displays all the detailed information as it pertains to annual progress reporting and Source Protection Plan implementation.
  - d. 2018 Annual Progress Reporting for Source Protection Excel Workbook.
    - This workbook template is provided by the Ministry of the Environment, Conservation and Parks to allow Source Protection Authorities to answer specific annual progress reporting questions.

These reports were presented to the Source Protection Committee for review at their recent March 2019 meeting. **The Source Protection Committee approved the information in these documents.** Their comments were incorporated into the attached draft final reports.

2. The Source Protection Authority **APPROVE** that the aforementioned documents be submitted to the Ministry of the Environment, Conservation and Parks to meet the legislated reporting requirements; and
3. That the Source Protection Annual Progress Report be **POSTED** on the Niagara Peninsula Source Protection Area website.

**PURPOSE:**

The 2018 Source Water Protection Annual Report documents are prepared using the Electronic Annual Reporting tool provided by the Ministry of Environment, Conservation and Parks with the exception of the Workbook which is completed using Excel. These documents are required under the Clean Water Act to summarize progress made in implementing the Source Protection Plan for 2018. These documents, once approved by the Source Protection Authority, are then required to be submitted to the Ministry of the Environment, Conservation and Parks by May 1, 2019.

## **BACKGROUND:**

The Clean Water Act requires that implementing bodies, such as municipalities and the Ministry of the Environment, Conservation and Parks, report annually on the implementation of the Source Protection Plan. Implementers provided this information to the Source Protection Authority staff by a combination of methods including email, phone and by interview.

The goal of annual reporting is to track and advise the public that the implementation of Source Protection Plans and their respective policies are protecting Ontario's municipal drinking water sources.

The requirement for annual progress reporting is established in the Clean Water Act, 2006. The Source Protection Authority is required to report using the Electronic Annual Reporting tool provided by the Ministry of the Environment, Conservation and Parks. Through the Electronic Annual Reporting tool, Source Protection Authorities answer questions related to the implementation of the Source Protection Plan and then generate the following documents:

- I. The Source Protection Annual Progress Report – a report which is designed for the public and to be posted on the Niagara Peninsula Source Protection Area website;
- II. Source Water Protection Annual Report 2018 – Policy Implementation Status – a report which displays the status of each policy within the Source Protection Plan and its status of implementation;
- III. Source Water Protection Annual Report 2018 – Supplemental Form – a report which displays all the detailed information as it pertains to annual progress reporting and Source Protection Plan implementation; and
- IV. 2018 Annual Progress Reporting for Source Protection Excel Workbook – a workbook template provided by the Ministry of the Environment, Conservation and Parks to allow Source Protection Authorities to answer specific annual progress reporting questions that could not be transferred into the Electronic Annual Reporting tool.

The completed reports are due to the Ministry of the Environment, Conservation and Parks by May 1, 2019, after which the Source Protection Annual Progress Report is to be made available to the public.

These reports were presented to the Source Protection Committee for review at their recent March 2019 meeting. The Source Protection Committee received and approved the information in these documents. Their comments were incorporated into the attached draft final reports.

## **RELATED REPORTS AND APPENDICES:**

1. Source Protection Annual Progress Report
2. Source Water Protection Annual Report 2018 – Policy Implementation Status
3. Source Water Protection Annual Report 2018 – Supplemental Form
4. 2018 Annual Progress Reporting for Source Protection Excel Workbook
5. Annual Reporting Presentation



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**Prepared by:**

**Reviewed By:**

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**Thomas Proks, P.Geol.**  
**Source Protection Project Manager**  
**Hydrogeologist**

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**Darren MacKenzie, C.Tech., rsci**  
**Director, Watershed Management**

**Submitted by:**

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**D. Gayle Wood, BES, CMM III**  
**Interim CAO/Secretary-Treasurer**

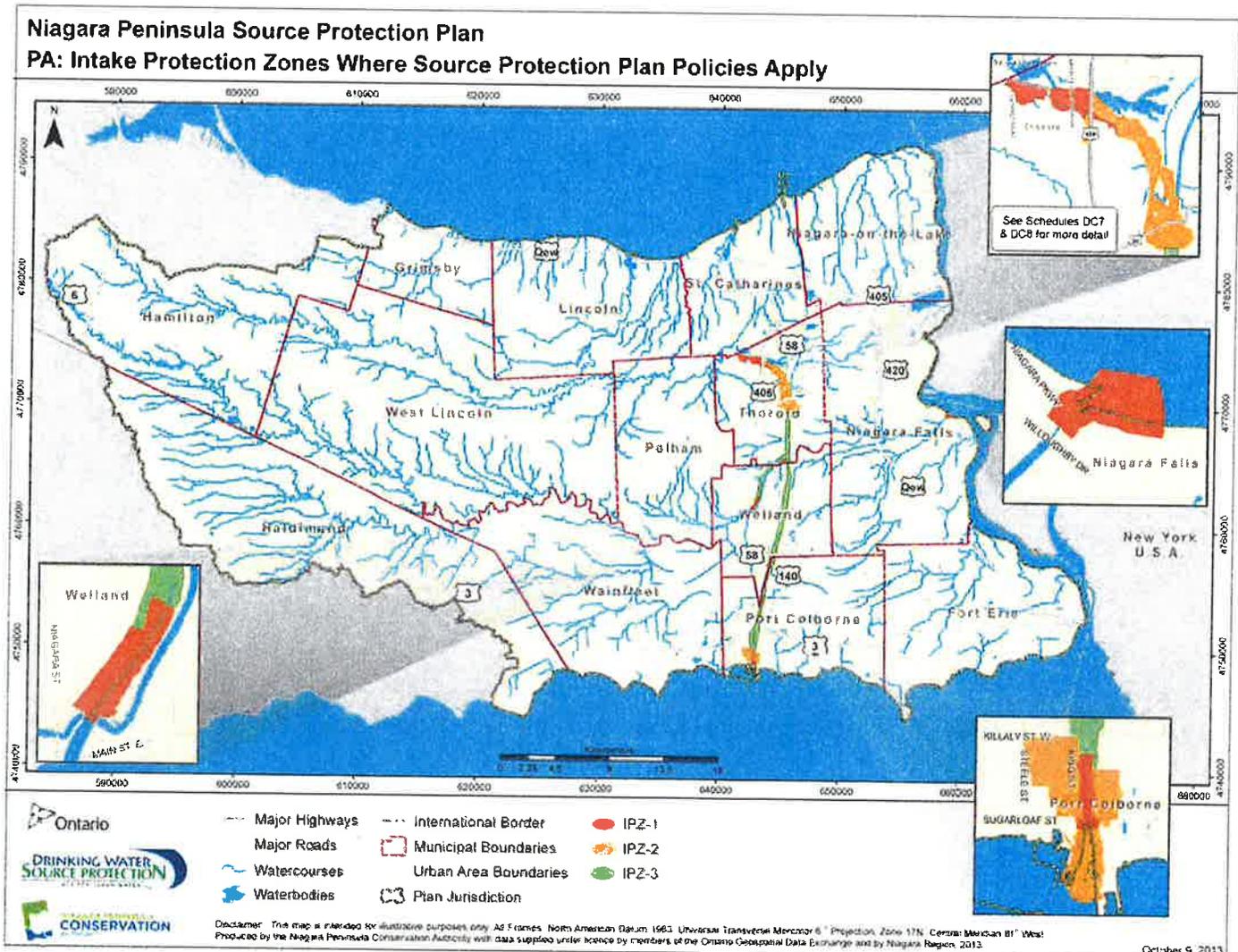


# Source Protection Annual Progress Report

## I. Introduction

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

The Niagara Peninsula Source Protection Plan was completed and approved by the province in December 2013. The Niagara Peninsula Source Protection Plan came into effect October 2014. The Plan is entirely implemented. The Source Protection Committee is now focused on updating and improving 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.**
- 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.**

The Source Protection Committee states that based on the information provided the majority of threats have been addressed and all of the policies are implemented.

### III. Our Watershed

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

The Niagara Peninsula Source Protection Area overlies the same jurisdiction as the Niagara Peninsula Conservation Authority. With an area of 2,430 square kilometers and over 450,000 residents, it is comprised of three major drainage areas; Lake Ontario, Lake Erie, and Niagara River (including Welland River) drainage areas. NPCA contains over 180 watersheds within these drainage areas, and 117 kilometers of Great Lakes shoreline.

NPCA is marked by several prominent physiographic features that have had a major effect on development in the area. These features include the Niagara Escarpment which runs east-west across the peninsula, the relatively flat Haldimand Clay Plain which dominates the central portion of the watershed, the Iroquois Shore Sand Plain along Lake Ontario, the Fonthill Kame-Delta Complex which contains the highest point in the peninsula, and the Onondaga Escarpment which runs east-west across the peninsula just north of the Lake Erie shoreline and is of relatively low topographical relief.

The soils in the large central portion of the peninsula are dominated by clays, silty clays, and silty clay loams, characteristic of the Haldimand Clay Plain. Sands and sandy loams are found extensively along the Lake Ontario shoreline. Wetlands include bogs, fens, swamps, and marshes and encompassing almost 10% of the watershed.

Land uses can have a significant impact on the water quality and quantity. Approximately 64% is agricultural, and about 21% is rural wooded or natural. The remaining 15% is considered urban. The main urban centres include St. Catharines, Niagara Falls, and Welland. Urban growth is expected to be greatest along the Welland Canal corridor particularly in the southern portion of the peninsula.

There are six municipal water treatment plants with surface water intakes which supply over 80% of the population. There are no municipal wells. The six water treatment plants that supply municipal drinking water to residents are: Welland, DeCew Falls, Port Colborne, Niagara Falls, Grimsby and Rosehill (Fort Erie). Only Grimsby is on Lake Ontario, the remainder are on Lake Erie or a connecting channel (Welland Canal or Niagara River).

Vulnerable areas known as Intake Protection Zones (IPZs) were delineated around each municipal water treatment plant intake. The source protection program focused on drinking water threats within these IPZs. Existing and potential future threats within these IPZs were ranked and significant threats identified for policy action under the Source Protection Plan. The Source Protection Committee chose also to include transportation, storage and handling of diesel and gasoline along the Welland Canal as significant drinking water threats requiring addressing under the Source Protection Plan.

The Source Protection Plan contains policies to address significant drinking water threats for four water treatment plants, Welland, DeCew Falls, Port Colborne and Niagara Falls. No significant drinking water threats were determined for Grimsby or Rosehill (Fort Erie).

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

### 1. Source Protection Plan Policies

P : Progressing Well/On Target

All of the policies (100%) that address significant drinking water threats have been implemented in accordance with the time lines set out in our source protection plan.

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

There are a total of three (3) lower tier municipalities and one (1) upper-tier municipality in the source protection area that have vulnerable areas where significant drinking water threats apply. All three (3) of the lower tier municipalities (City of Thorold, City of Port Colborne, and City of Niagara Falls) have completed their Official Plan and Zoning By-law conformity exercises. The upper-tier municipality (Regional Municipality of Niagara) has also updated their Official Plan conformity exercise, however, the upper-tier municipality has no Zoning By-laws.

### 3. Septic Inspections

Not applicable to our source protection area.

### 4. Risk Management Plans

P : - Progressing Well/On Target

Since 2016, the Risk Management Official was able to dismiss 9 of the 24 potentially significant drinking water threats in the vicinity of the DeCew Falls IPZs identified in the Assessment Report. 6 significant drinking water threats are being managed under a risk management plan. Of the remaining 9 significant drinking water threats, the existing practices are suitable for the protection of drinking water and the Risk Management Official is currently collaborating with property owners/operators to finalize the remaining risk management plan.

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

A total of 15 prescribed instrument that may be subject to significant drinking water threat policies were reviewed in 2018 for the following categories: Landfilling and Storage, Sewage works/wastewater, and Municipal Drinking Water Licenses and Drinking Water Works Permits. The average cumulative progress achieved across all 15 prescribed instruments reviewed and actioned was 100%.

## 6. Source Protection Awareness and Change in Behaviour

Sixteen (16) drinking water protection zone signs have been installed in our source protection area along municipal and regional roads that are in close proximity to intake protection zones. Community engagement and outreach continue to have a positive impact in our source protection region through programs like Yellow Fish Road™.

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

Not applicable to our source protection area.

## 8. Source Water Quality: Monitoring and Actions

Not applicable.

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

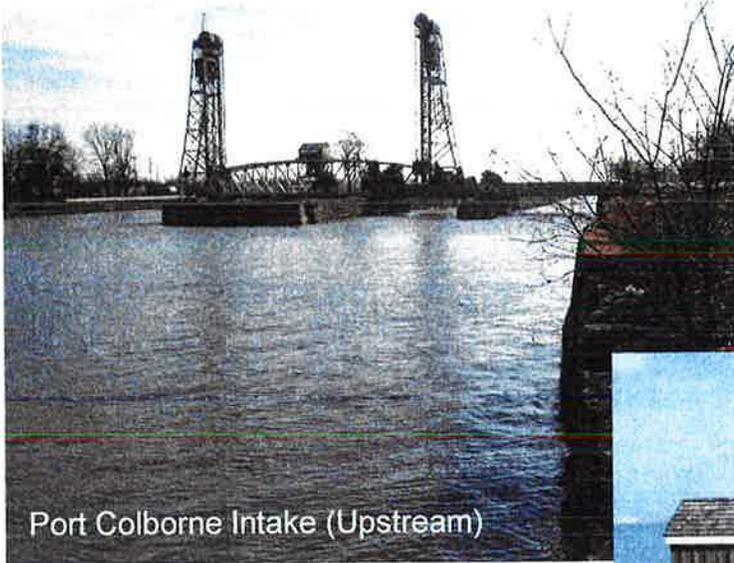
No work plans were required to be implemented for our assessment report.

## 10. More from the Watershed

Future 2019 source water protection activities include:

-Yellow Fish Road education and outreach within the City of Niagara Falls and the City of Port Colborne and at the Niagara Children's Water Festival

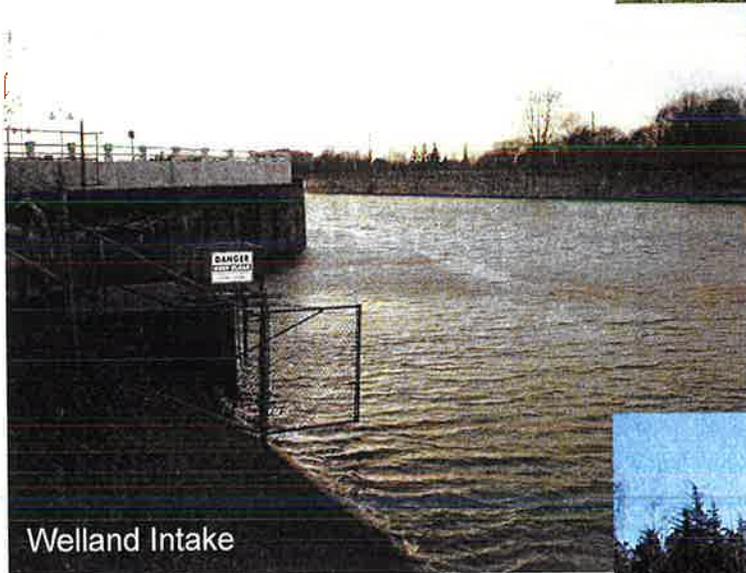
-Implementation of the workplan to update the Source Protection Plan to address: (i) required municipal updates, (ii) improving municipal supply protection and (iii) groundwater protection



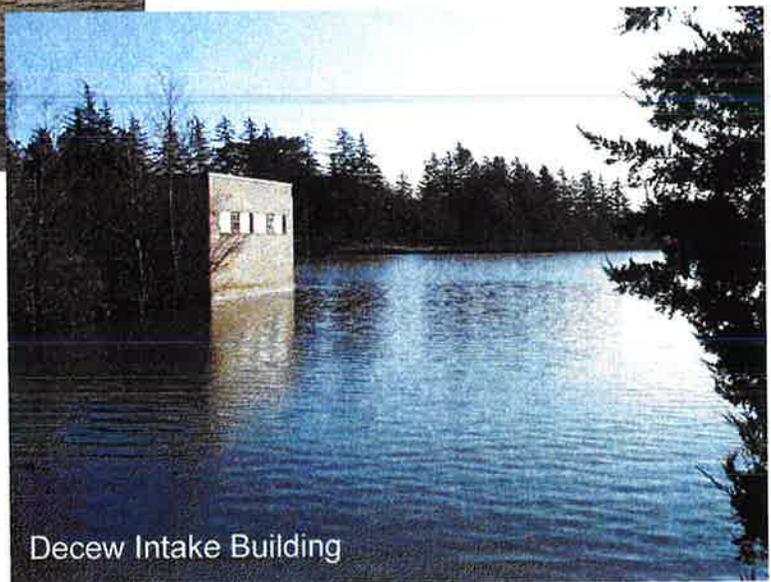
Port Colborne Intake (Upstream)



Niagara River  
Upstream of Niagara Falls Intake



Welland Intake



Decew Intake Building



# Source Water Protection Annual Report

## 2018 - Policy Implementation Status

### SPR - Niagara Peninsula

<b>Implementing Body</b>	<b>Municipality</b>	<b>Policy Tool</b>	<b>Land Use Planning Approaches</b>	<b>Completed:</b>	<b>True</b>
<b>Policy Id</b>	DC-1	<b>Threat Type</b>	Future		
<b>Legal Effect</b>	Conform with				
<b>Risk</b>	Low, Moderate, Significant,				
<b>Agency</b>	Municipality				
<b>Implementation Status:</b>	Implemented				

**Response:** Official Plan and Zoning By-Law have been updated, ECA are no longer issued where septage is a significant threat.

<b>Implementing Body</b>	<b>St. Lawrence Seaway Management Corporation</b>	<b>Policy Tool</b>	<b>Specify Actions to be taken to implement plan or achieve its objectives</b>	<b>Completed:</b>	<b>True</b>
<b>Policy Id</b>	DC-10	<b>Threat Type</b>	Future & Existing		
<b>Legal Effect</b>	Strategic				
<b>Risk</b>	Low, Moderate, Significant,				
<b>Agency</b>	St. Lawrence Seaway Management Corporation				
<b>Implementation Status:</b>	Implemented				

**Response:** SLSMC has incorporated maps into their Emergency Response Plans, Emergency Response Plans communications protocols updated.

<b>Implementing Body</b>	<b>Transport Canada</b>	<b>Policy Tool</b>	<b>Specify Actions to be taken to implement plan or achieve its objectives</b>	<b>Completed:</b>	<b>True</b>
<b>Policy Id</b>	DC-10	<b>Threat Type</b>	Future & Existing		
<b>Legal Effect</b>	Strategic				
<b>Risk</b>	Low, Moderate, Significant,				
<b>Agency</b>	Transport Canada				
<b>Implementation Status:</b>	Implemented				

**Response:** Same as above.



# Source Water Protection Annual Report

## 2018 - Policy Implementation Status

**Implementing Body** St. Lawrence Seaway Management Corporation  
**Policy Id** DC-11  
**Legal Effect** Strategic  
**Risk** Low, Moderate, Significant,  
**Agency** St. Lawrence Seaway Management Corporation  
**Implementation Status:** Implemented  
**Completed:** True

Specify Actions to be taken to implement plan or achieve its objectives  
 Future & Existing

**Response:** Regulation SOR/2008-197 is SLSMC protocol.

**Implementing Body** Municipality  
**Policy Id** DC-2  
**Legal Effect** Conform with  
**Risk** Low, Moderate, Significant,  
**Agency** Municipality  
**Implementation Status:** Implemented  
**Completed:** True

**Policy Tool** Land Use Planning Approaches  
**Threat Type** Future

**Response:** Official Plan and Zoning By-Law have been updated, process in place to ensure policy requirements are met.

**Implementing Body** Municipality  
**Policy Id** DC-3  
**Legal Effect** Conform with  
**Risk** Low, Moderate, Significant,  
**Agency** Municipality  
**Implementation Status:** Implemented  
**Completed:** True

**Policy Tool** Land Use Planning Approaches  
**Threat Type** Future

**Response:** Official Plan and Zoning By-Law have been updated.



# Source Water Protection Annual Report

## 2018 - Policy Implementation Status

**Implementing Body** Risk Management Official  
**Policy Id** DC-4  
**Legal Effect** Conform with  
**Risk** Low, Moderate, Significant,  
**Agency** Risk Management Official

**Policy Tool** Section 58 Risk Management Plans  
**Threat Type** Future

**Implementation Status:** Implemented: Policy outcome(s) evaluated - No further action(s) required **Completed:** True

**Response:** Two parcels are residential and exempt, RMP for two parcels are signed, 1 parcel is mitigated through engineered solution, last 3 parcels have RMP drafted and verbal agreement from property owner to abide by drafted RMP.

**Implementing Body** Risk Management Official  
**Policy Id** DC-4  
**Legal Effect** Conform with  
**Risk** Low, Moderate, Significant,  
**Agency** Risk Management Official

**Policy Tool** Section 58 Risk Management Plans  
**Threat Type** Existing

**Implementation Status:** Implemented: Policy outcome(s) evaluated - No further action(s) required **Completed:** True

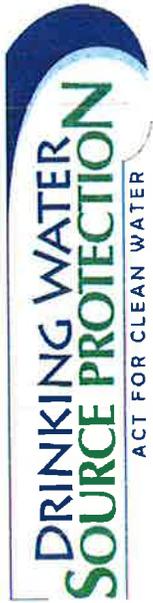
**Response:** Same as above.

**Implementing Body** Municipality  
**Policy Id** DC-5  
**Legal Effect** Conform with  
**Risk** Low, Moderate, Significant,  
**Agency** Municipality

**Policy Tool** Section 59 Restricted Land Uses  
**Threat Type** Future & Existing

**Implementation Status:** Implemented **Completed:** True

**Response:** RMO is in place, Region of Niagara has a screening checklist. For Thorold, the Official Plan was revised and the Zoning By-Law was updated in 2018.



# Source Water Protection Annual Report 2018 - Policy Implementation Status

**Implementing Body** Municipality  
**Policy Id** DC-6  
**Legal Effect** Conform with  
**Risk** Low, Moderate, Significant,  
**Agency** Municipality  
**Implementation Status:** Implemented

**Policy Tool** Education / Outreach  
**Threat Type** Future & Existing

**Completed:** True

**Response:** Risk Management Official O & E in coordination with landowner contacts.

**Implementing Body** Municipality  
**Policy Id** DC-8  
**Legal Effect** Conform with  
**Risk** Low, Moderate, Significant,  
**Agency** Municipality

**Policy Tool** Education / Outreach  
**Threat Type** Future & Existing

**Completed:** True

**Implementation Status:** Implemented

**Response:** Road signs have been installed in Thorold and on Hwy 406.

**Implementing Body** Municipality  
**Policy Id** DC-9  
**Legal Effect** Conform with  
**Risk** Low, Moderate, Significant,  
**Agency** Municipality

**Policy Tool** Specify Actions to be taken to implement plan or achieve its objectives  
**Threat Type** Future & Existing

**Completed:** True

**Implementation Status:** Implemented

**Response:** Emergency Response Plans have been updated.



# Source Water Protection Annual Report

## 2018 - Policy Implementation Status

**Implementing Body**      **Municipality**  
**Policy Id**                      NF-1  
**Legal Effect**                  Conform with  
**Risk**                                Low, Moderate, Significant,  
**Agency**                        Municipality  
  
**Implementation Status:**    Implemented                      **Completed:**    True

**Response:** Official Plan and Zoning By-Law have been updated, ECA are no longer issued where septage is a significant threat.

**Implementing Body**      **Municipality**  
**Policy Id**                      NF-2  
**Legal Effect**                  Conform with  
**Risk**                                Low, Moderate, Significant,  
**Agency**                        Municipality  
  
**Implementation Status:**    Implemented                      **Completed:**    True

**Response:** Official Plan and Zoning By-Law have been updated, process in place to ensure policy requirements are met.

**Implementing Body**      **Municipality**  
**Policy Id**                      NF-3  
**Legal Effect**                  Conform with  
**Risk**                                Low, Moderate, Significant,  
**Agency**                        Municipality  
  
**Implementation Status:**    Implemented                      **Completed:**    True

**Response:** Official Plan and Zoning By-Law have been updated



# Source Water Protection Annual Report 2018 - Policy Implementation Status

**Implementing Body** Conservation Authority  
**Policy Id** NF-4  
**Legal Effect** Conform with  
**Risk** Low, Moderate, Significant,  
**Agency** Conservation Authority

**Policy Tool** Education / Outreach  
**Threat Type** Future & Existing

**Implementation Status:** Implemented

**Completed:** True

**Response:** Through Yellow Fish Road program at Children's Water Festival.

**Implementing Body** Municipality  
**Policy Id** NF-5  
**Legal Effect** Conform with  
**Risk** Low, Moderate, Significant,  
**Agency** Municipality

**Policy Tool** Land Use Planning Approaches  
**Threat Type** Future

**Implementation Status:** Implemented

**Completed:** True

**Response:** Official Plan and Zoning By-law have been updated.

**Implementing Body** Municipality  
**Policy Id** NF-7  
**Legal Effect** Conform with  
**Risk** Low, Moderate, Significant,  
**Agency** Municipality

**Policy Tool** Education / Outreach  
**Threat Type** Future & Existing

**Implementation Status:** Implemented: Policy outcome(s) evaluated - No further action(s) required

**Completed:** True

**Response:** No arterial roads in Niagara Falls IPZ for road sign placement, possibly install signs after IPZ moves with Sec 36 update. MTO/MECP implemented.



# Source Water Protection Annual Report

## 2018 - Policy Implementation Status

**Implementing Body**      **Municipality**  
**Policy Id**                      PC-1  
**Legal Effect**                  Conform with  
**Risk**                              Low, Moderate, Significant,  
**Agency**                        Municipality  
**Implementation Status:**    Implemented                      **Completed:**    True

**Response:**    Official Plan and Zoning By-Law have been updated, MECP standards in place to protect against significant threats

**Implementing Body**      **Municipality**  
**Policy Id**                      PC-10  
**Legal Effect**                  Conform with  
**Risk**                              Low, Moderate, Significant,  
**Agency**                        Municipality  
**Implementation Status:**    Implemented                      **Completed:**    True

**Response:**    Niagara Snow School, Smart about Salt training and communications.

**Implementing Body**      **St. Lawrence Seaway Management Corporation**  
**Policy Id**                      PC-11  
**Legal Effect**                  Strategic  
**Risk**                              Low, Moderate, Significant,  
**Agency**                        St. Lawrence Seaway Management Corporation  
**Implementation Status:**    Implemented                      **Completed:**    True

**Response:**    No new open road salt storage areas as per policy.

**Policy Tool**                  Education / Outreach  
**Threat Type**                Future & Existing  
**Policy Tool**                  Specify Actions to be taken to implement plan or achieve its objectives  
**Threat Type**                Future



# Source Water Protection Annual Report

## 2018 - Policy Implementation Status

**Implementing Body** Risk Management Official  
**Policy Id** PC-13  
**Legal Effect** Conform with  
**Risk** Low, Moderate, Significant,  
**Agency** Risk Management Official  
**Implementation Status:** Implemented

**Policy Tool** Section 57 Prohibition  
**Threat Type** Future

**Completed:** True

**Response:** Through updated Official Plan and Zoning By-Law

**Implementing Body** St. Lawrence Seaway Management Corporation  
**Policy Id** PC-14  
**Legal Effect** Strategic  
**Risk** Low, Moderate, Significant,  
**Agency** St. Lawrence Seaway Management Corporation

**Policy Tool** Specify Actions to be taken to implement plan or achieve its objectives  
**Threat Type** Future

**Completed:** True

**Implementation Status:** Implemented

**Response:** No plans for National Airport on SLSMC lands

**Implementing Body** Municipality  
**Policy Id** PC-15  
**Legal Effect** Conform with  
**Risk** Low, Moderate, Significant,  
**Agency** Municipality

**Policy Tool** Land Use Planning Approaches  
**Threat Type** Future

**Completed:** True

**Implementation Status:** Implemented

**Response:** Official Plan and Zoning By-Law have been updated, ECA are no longer issued where septage is a significant threat.



# Source Water Protection Annual Report

## 2018 - Policy Implementation Status

**Implementing Body** Municipality  
**Policy Id** PC-17  
**Legal Effect** Conform with  
**Risk** Low, Moderate, Significant,  
**Agency** Municipality

**Policy Tool** Land Use Planning Approaches  
**Threat Type** Future

**Implementation Status:** Implemented

**Completed:** True

**Response:** Regional Official Plan and Zoning By-Laws updated.

**Implementing Body** Municipality  
**Policy Id** PC-18  
**Legal Effect** Conform with  
**Risk** Low, Moderate, Significant,  
**Agency** Municipality

**Policy Tool**  
**Threat Type**

Specify Actions to be taken to implement plan or achieve its objectives  
 Future & Existing

**Implementation Status:** Implemented

**Completed:** True

**Response:** Through updated Official Plan and through Port Colborne's Storm Sewer Infrastructure Needs System (SSINS)

**Implementing Body** Conservation Authority  
**Policy Id** PC-19  
**Legal Effect** Conform with  
**Risk** Low, Moderate, Significant,  
**Agency** Conservation Authority

**Policy Tool** Education / Outreach  
**Threat Type** Future & Existing

**Implementation Status:** Implemented

**Completed:** True

**Response:** Through Yellow Fish Road program.



# Source Water Protection Annual Report 2018 - Policy Implementation Status

**Implementing Body** St. Lawrence Seaway Management Corporation  
**Policy Id** PC-2  
**Legal Effect** Strategic  
**Risk** Low, Moderate, Significant,  
**Agency** St. Lawrence Seaway Management Corporation  
**Implementation Status:** Implemented  
**Completed:** True

Specify Actions to be taken to implement plan or achieve its objectives  
 Future

**Response:** No new waste disposal sites located on Welland Canal Lands.

**Implementing Body** **Municipality**  
**Policy Id** PC-20  
**Legal Effect** Conform with  
**Risk** Low, Moderate, Significant,  
**Agency** Municipality  
**Implementation Status:** Implemented  
**Completed:** True

**Policy Tool** Land Use Planning Approaches  
**Threat Type** Future

**Response:** Official Plan and Zoning By-Law have been updated, process in place to ensure policy requirements are met.

**Implementing Body** **St. Lawrence Seaway Management Corporation**  
**Policy Id** PC-21  
**Legal Effect** Strategic  
**Risk** Low, Moderate, Significant,  
**Agency** St. Lawrence Seaway Management Corporation  
**Implementation Status:** Implemented  
**Completed:** True

Specify Actions to be taken to implement plan or achieve its objectives  
 Future

**Response:** No new sewer installations/discharges according to SLSMC



# Source Water Protection Annual Report

## 2018 - Policy Implementation Status

**Implementing Body**      **Municipality**  
**Policy Id**                      **PC-22**  
**Legal Effect**                  **Conform with**  
**Risk**                                **Low, Moderate, Significant,**  
**Agency**                         **Municipality**

**Policy Tool**                      **Land Use Planning Approaches**  
**Threat Type**                    **Future**

**Implementation Status:**    **Implemented**                      **Completed:**    **True**

**Response:**    Official Plan and Zoning By-Law have been updated.

**Implementing Body**      **St. Lawrence Seaway Management Corporation**  
**Policy Id**                      **PC-23**  
**Legal Effect**                  **Strategic**  
**Risk**                                **Low, Moderate, Significant,**  
**Agency**                         **St. Lawrence Seaway Management Corporation**

**Policy Tool**                      **Specify Actions to be taken to implement plan or achieve its objectives**  
**Threat Type**                    **Future**

**Implementation Status:**    **Implemented**                      **Completed:**    **True**

**Response:**    No new agricultural activities according to SLSMC.

**Implementing Body**      **Risk Management Official**  
**Policy Id**                      **PC-25**  
**Legal Effect**                  **Conform with**  
**Risk**                                **Low, Moderate, Significant,**  
**Agency**                         **Risk Management Official**

**Policy Tool**                      **Section 58 Risk Management Plans**  
**Threat Type**                    **Future**

**Implementation Status:**    **Implemented**                      **Completed:**    **True**

**Response:**    Risk Management Official in place, no existing threats.



# Source Water Protection Annual Report 2018 - Policy Implementation Status

**Implementing Body** Risk Management Official  
**Policy Id** PC-25  
**Legal Effect** Conform with  
**Risk** Low, Moderate, Significant,  
**Agency** Risk Management Official

**Policy Tool** Section 58 Risk Management Plans  
**Threat Type** Existing

**Implementation Status:** Implemented

**Completed:** True

**Response:** Risk Management Official in place, no existing threats.

**Implementing Body** Municipality  
**Policy Id** PC-26  
**Legal Effect** Conform with  
**Risk** Low, Moderate, Significant,  
**Agency** Municipality

**Policy Tool** Section 59 Restricted Land Uses  
**Threat Type** Future & Existing

**Implementation Status:** Implemented

**Completed:** True

**Response:** RMO is in place, Region of Niagara has a screening checklist. For Port Colborne, the Official Plan was revised and the Zoning By-Law was updated in 2018.

**Implementing Body** St. Lawrence Seaway Management Corporation  
**Policy Id** PC-27  
**Legal Effect** Strategic  
**Risk** Low, Moderate, Significant,  
**Agency** St. Lawrence Seaway Management Corporation

**Policy Tool** Specify Actions to be taken to implement plan or achieve its objectives  
**Threat Type** Future & Existing

**Implementation Status:** Implemented

**Completed:** True

**Response:** SLSMC has existing protocols concerning pesticide application.



# Source Water Protection Annual Report

## 2018 - Policy Implementation Status

<b>Implementing Body</b>	<b>Municipality</b>	<b>Policy Tool</b>	<b>Completed:</b>
<b>Policy Id</b>	PC-28	Education / Outreach	True
<b>Legal Effect</b>	Conform with	Future & Existing	
<b>Risk</b>	Low, Moderate, Significant,		
<b>Agency</b>	Municipality		
<b>Implementation Status:</b>	Implemented		

**Response:** 10 Road signs installed in Port Colborne on various roads with IPZ-1 and IPZ-2.

<b>Implementing Body</b>	<b>Municipality</b>	<b>Policy Tool</b>	<b>Completed:</b>
<b>Policy Id</b>	PC-29	Education / Outreach	True
<b>Legal Effect</b>	Strategic	Existing	
<b>Risk</b>	Low, Moderate, Significant,		
<b>Agency</b>	Municipality		
<b>Implementation Status:</b>	Implemented		

**Response:** Through Niagara Snow School, Smart about Salt training and communications.

<b>Implementing Body</b>	<b>Municipality</b>	<b>Policy Tool</b>	<b>Completed:</b>
<b>Policy Id</b>	PC-30	Specify Actions to be taken to implement plan or achieve its objectives	True
<b>Legal Effect</b>	Conform with	Future & Existing	
<b>Risk</b>	Low, Moderate, Significant,		
<b>Agency</b>	Municipality		
<b>Implementation Status:</b>	Implemented		

**Response:** Emergency Response Plans have been updated.



# Source Water Protection Annual Report 2018 - Policy Implementation Status

**Implementing Body** St. Lawrence Seaway Management Corporation  
**Policy Id** PC-31  
**Legal Effect** Strategic  
**Risk** Low, Moderate, Significant,  
**Agency** St. Lawrence Seaway Management Corporation  
**Implementation Status:** Implemented  
**Completed:** True

**Response:** SLSMC have incorporated the maps into their ERP  
 Specify Actions to be taken to implement plan or achieve its objectives  
 Future & Existing

**Implementing Body** Transport Canada  
**Policy Id** PC-31  
**Legal Effect** Strategic  
**Risk** Low, Moderate, Significant,  
**Agency** Transport Canada  
**Implementation Status:** Implemented  
**Completed:** True

**Response:** ERP communications protocol updated  
 Specify Actions to be taken to implement plan or achieve its objectives  
 Future & Existing

**Implementing Body** St. Lawrence Seaway Management Corporation  
**Policy Id** PC-32  
**Legal Effect** Strategic  
**Risk** Low, Moderate, Significant,  
**Agency** St. Lawrence Seaway Management Corporation  
**Implementation Status:** Implemented  
**Completed:** True

**Response:** Boom anchors have been installed.  
 Specify Actions to be taken to implement plan or achieve its objectives  
 Future & Existing



# Source Water Protection Annual Report

## 2018 - Policy Implementation Status

**Implementing Body** Risk Management Official  
**Policy Id** PC-5  
**Legal Effect** Conform with  
**Risk** Low, Moderate, Significant,  
**Agency** Risk Management Official

**Policy Tool** Section 58 Risk Management Plans  
**Threat Type** Future

**Implementation Status:** Implemented

**Completed:** True

**Response:** Risk Management Official in place, no existing threats.

**Implementing Body** Municipality  
**Policy Id** PC-6  
**Legal Effect** Conform with  
**Risk** Low, Moderate, Significant,  
**Agency** Municipality

**Policy Tool** Section 59 Restricted Land Uses  
**Threat Type** Future & Existing

**Implementation Status:** Implemented

**Completed:** True

**Response:** RMO is in place, Region of Niagara has a screening checklist. For Port Colborne, the Official Plan was revised and the Zoning By-Law was updated in 2018.

**Implementing Body** St. Lawrence Seaway Management Corporation  
**Policy Id** PC-7  
**Legal Effect** Strategic  
**Risk** Low, Moderate, Significant,  
**Agency** St. Lawrence Seaway Management Corporation

**Policy Tool** Specify Actions to be taken to implement plan or achieve its objectives  
**Threat Type** Future & Existing

**Implementation Status:** Implemented

**Completed:** True

**Response:** Pesticides not stored on SLSMC lands as per SPP policy.



# Source Water Protection Annual Report

## 2018 - Policy Implementation Status

**Implementing Body**      **Municipality**  
**Policy Id**                      PC-8  
**Legal Effect**                Conform with  
**Risk**                              Low, Moderate, Significant,  
**Agency**                      Municipality

**Implementation Status:** Implemented

**Response:** Official Plan and Zoning By-Law have been updated

**Policy Tool**                      Land Use Planning Approaches  
**Threat Type**                      Future

**Completed:** True

**Implementing Body**      **Municipality**  
**Policy Id**                      PC-9  
**Legal Effect**                Conform with  
**Risk**                              Low, Moderate, Significant,  
**Agency**                      Municipality

**Implementation Status:** Implemented

**Response:** Official Plan and Zoning By-Law have been updated

**Policy Tool**                      Land Use Planning Approaches  
**Threat Type**                      Future

**Completed:** True

**Implementing Body**      **Municipality**  
**Policy Id**                      WL-1  
**Legal Effect**                Conform with  
**Risk**                              Low, Moderate, Significant,  
**Agency**                      Municipality

**Implementation Status:** Implemented: Policy outcome(s) evaluated - No further action(s) required

**Response:** Signs on Hwy 406 installed (MECP/MTO), Niagara Region signs going up in 2019, Welland does not have any arterial roads within the IPZ for signs to be installed on.

**Policy Tool**                      Education / Outreach  
**Threat Type**                      Future & Existing

**Completed:** True



# Source Water Protection Annual Report

## 2018 - Policy Implementation Status

**Implementing Body**      **Municipality**  
**Policy Id**                      WL-2  
**Legal Effect**                  Conform with  
**Risk**                              Low, Moderate, Significant,  
**Agency**                        Municipality  
**Implementation Status:**    Implemented  
**Response:**                    Emergency Response Plans have been updated.  
**Completed:**                    True

**Implementing Body**      **St. Lawrence Seaway Management Corporation**  
**Policy Id**                      WL-3  
**Legal Effect**                  Strategic  
**Risk**                              Low, Moderate, Significant,  
**Agency**                        St. Lawrence Seaway Management Corporation  
**Implementation Status:**    Implemented  
**Response:**                    SLSMC have incorporated maps into their ERPs  
**Completed:**                    True

**Implementing Body**      **Transport Canada**  
**Policy Id**                      WL-3  
**Legal Effect**                  Strategic  
**Risk**                              Low, Moderate, Significant,  
**Agency**                        Transport Canada  
**Implementation Status:**    Implemented  
**Response:**                    ERPs have been updated.  
**Completed:**                    True



# Source Water Protection Annual Report 2018 - Policy Implementation Status

<b>Implementing Body</b>	St. Lawrence Seaway Management Corporation	Specify Actions to be taken to implement plan or achieve its objectives Future & Existing
<b>Policy Id</b>	WL-4	
<b>Legal Effect</b>	Strategic	
<b>Risk</b>	Low, Moderate, Significant,	
<b>Agency</b>	St. Lawrence Seaway Management Corporation	
<b>Implementation Status:</b>	Implemented	<b>Completed:</b> True

**Response:** Regulation SOR/2008-197 is SLSMC protocol.



# Source Water Protection Annual Report

## 2018 - Supplemental Form

### SPR - Niagara Peninsula

**Report Id**   **Completed**   **Question**

10   True   As applicable to your source protection region/area, indicate if the 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.

**Response**

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	No
MECP - Hauled Sewage/Biosolids	Yes
MECP - Permit to Take Water	No
MECP - Municipal Residential Drinking Water Systems	No
OMAFRA	Yes
MNRF	No
MTO	Yes
MMAH	No
MGCS-TSSA	No
Provincial Board/Commission	No
Federal Departments/Agencies/Commissions/Crown Corporations	Yes
Private Entity/Company	No
Association/Organization	No
MECP - Other Policies	Yes
MECP - Waste Disposal Sites - Landfilling and Storage Inspections	No
MECP - Wastewater/Sewage Works Inspections	No
MECP - Conditions Sites	No



# Source Water Protection Annual Report 2018 - Supplemental Form SPR - Niagara Peninsula

MECP - NMA - ASM and NASM Inspections  
MENDM

No  
No

**Comment:** For "No" answers, implementing body does not apply in Niagara Peninsula Source Protection Area.



# Source Water Protection Annual Report

## 2018 - Supplemental Form

### SPR - Niagara Peninsula

Report Id	Completed	Question	Category
20	True	Did the Source Protection Authority (i) indicate the status of all threat policies as contained in their source protection plan by using one of the two options outlined in the guidance document (ID 20a) AND (ii) complete the table to indicate which implementing body(ies) have not yet made any progress in policy implementation in reportable ID 20b?	Implementation status of source protection plan policies
<b>Answer:</b> Yes			
<b>Comment:</b>			
Report Id	Completed	Question	Category
30	True	Number of risk management plans agreed to or established within the source protection area/region (for existing and future threats) during the reporting period (i.e., annual total).	Part IV (Sections 57, 58 & Section 59)
<b>Answer:</b> 1			
<b>Comment:</b>			
Report Id	Completed	Question	Category
31	True	Number of properties (i.e., parcels) with risk management plans agreed to or established for this reporting period.	Part IV (Sections 57, 58 & Section 59)
<b>Answer:</b> 2			
<b>Comment:</b>			



# Source Water Protection Annual Report

## 2018 - Supplemental Form

### SPR - Niagara Peninsula

Report Id	Completed	Question	Category
32	True	How many existing* significant drinking water threats have been managed through the established risk management plans for this reporting period (* meaning engaged in OR enumerated as existing significant threats)?	Part IV (Sections 57, 58 & Section 59)
<b>Answer:</b>	6		
<b>Comment:</b>			
Report Id	Completed	Question	Category
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?	Part IV (Sections 57, 58 & Section 59)
<b>Answer:</b>	0		
<b>Comment:</b>			
Report Id	Completed	Question	Category
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?	Part IV (Sections 57, 58 & Section 59)
<b>Answer:</b>	0		
<b>Comment:</b>			



# Source Water Protection Annual Report

## 2018 - Supplemental Form

### SPR - Niagara Peninsula

Report Id	Completed	Question	Category
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?	Part IV (Sections 57, 58 & Section 59)
<b>Answer:</b> 0			
<b>Comment:</b>			
Report Id	Completed	Question	Category
60	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 for this reporting period.	Part IV (Sections 57, 58 & Section 59)
<b>Answer:</b> 0			
<b>Comment:</b>			
Report Id	Completed	Question	Category
61	True	How many properties (i.e., parcels) had inspections for the purposes of section 57 for this reporting period?	Part IV (Sections 57, 58 & Section 59)
<b>Answer:</b> 0			
<b>Comment:</b>			



# Source Water Protection Annual Report

## 2018 - Supplemental Form

### SPR - Niagara Peninsula

Report Id	Completed	Question	Category
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 for this reporting period?	Part IV (Sections 57, 58 & Section 59)

Answer: 0

Comment:

Category

Report Id	Completed	Question	Category
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70

True

How many existing significant drinking water threats have been prohibited as a result of section 57 prohibitions in this reporting period?

Part IV  
(Sections 57, 58 & Section 59)

Answer: 0

Comment:

Category

Report Id	Completed	Question	Category
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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 for this reporting period.

Part IV  
(Sections 57, 58 & Section 59)

Answer: 0

Comment:



# Source Water Protection Annual Report

## 2018 - Supplemental Form

### SPR - Niagara Peninsula

Report Id	Completed	Question	Category
81	True	How many properties (i.e., parcels) had inspections for the purposes of section 58 for this reporting period?	Part IV (Sections 57, 58 & Section 59)
<b>Answer:</b>	0		
<b>Comment:</b>			
Report Id	Completed	Question	Category
82	True	Among the inspections conducted for section 58, how many were in contravention with section 58 of the Clean Water Act for 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)?	Part IV (Sections 57, 58 & Section 59)
<b>Answer:</b>	0		
<b>Comment:</b>			
Report Id	Completed	Question	Category
83	True	Among the inspections for section 58, how many were in non-compliance with the specific contents of the risk management plan for this reporting period? (NOTE: Please only include those inspections that showed non-compliance with measures/conditions to manage the actual threat activity.)	Part IV (Sections 57, 58 & Section 59)
<b>Answer:</b>	0		
<b>Comment:</b>			



# Source Water Protection Annual Report

## 2018 - Supplemental Form

### SPR - Niagara Peninsula

Report Id	Completed	Question	Category
84	True	State the total number of notices issued where there were cases of contraventions and/or non-compliance found with section 57 for this reporting period.	Part IV (Sections 57, 58 & Section 59)
<b>Answer:</b>	0		
<b>Comment:</b>			
Report Id	Completed	Question	Category
85	True	State the total number of notices issued where there were cases of contraventions and/or non-compliance found with section 58 for this reporting period.	Part IV (Sections 57, 58 & Section 59)
<b>Answer:</b>	0		
<b>Comment:</b>			
Report Id	Completed	Question	Category
86	True	State the total number of orders issued for contraventions and/or non-compliance found with section 57 for this reporting period.	Part IV (Sections 57, 58 & Section 59)
<b>Answer:</b>	0		
<b>Comment:</b>			



# Source Water Protection Annual Report

## 2018 - Supplemental Form

### SPR - Niagara Peninsula

Report Id	Completed	Question	Category
87	True	State the total number of orders issued for contraventions and/or non-compliance found with section 58 for this reporting period.	Part IV (Sections 57, 58 & Section 59)
<b>Answer:</b>	0		
<b>Comment:</b>			
Report Id	Completed	Question	Category
90	True	[OPTIONAL]: What new/additional knowledge (e.g., threats, transport pathways, abandoned wells, etc. and how they are managed), if any, did the lead source protection authority gain through communication with their Risk Management Official/Risk Management Inspector, based on the Risk Management Official/Risk Management Inspector's work in the field?	Part IV (Sections 57, 58 & Section 59)
<b>Answer:</b>	Nothing new to report from the RMO for 2018		
<b>Comment:</b>			
Report Id	Completed	Question	Category
220	True	Did the Source Protection Authority complete the Land Use Planning reportable using the 2018 EAR Excel Workbook which can be downloaded from the FAQ section of the EAR navigation bar?	Land Use Planning
<b>Answer:</b>	Yes		
<b>Comment:</b>			



# Source Water Protection Annual Report

## 2018 - Supplemental Form

### SPR - Niagara Peninsula

**Report Id**   **Completed**   **Question**

230   True   Indicate the methods by which education and outreach policies have been/are being implemented in the source protection region/area for the reporting period by all the relevant implementing bodies from the checklist below. Choose all that apply.

**Response**

use of educational materials for general public (e.g., "Source Water Protection - 2018 resources" on Conservation Ontario's website)	Yes
use of educational materials for target audiences including developers, builders, landowners, farmers, etc. (e.g., "Source Water Protection - 2018 resources" on Conservation Ontario's website)	Yes
workshops	No
site visits	No
source protection content for websites	Yes
educational videos (e.g., Drinking Water Source Protection video available Conservation Ontario)	Yes
podcasts	No
collaboration with other bodies (e.g., ministries, local organizations, etc.)	No
social media promotion (e.g., use of Facebook, Twitter, Instagram, etc.)	Yes
media advertising (e.g., print media, radio, television) in news media and/or industry/stakeholder specific publications	No
integration with other outreach programs or campaigns (e.g., Community Environment Days, etc.)	Yes
articles in publications	No
information kiosks at events/festivals	No
methods for implementing Education and Outreach not yet determined	No

**Comment:**



# Source Water Protection Annual Report

## 2018 - Supplemental Form

### SPR - Niagara Peninsula

Report Id	Completed	Question	Answer
231	True	From among the method(s) used to implement education and outreach policies by the source protection authority or by other local bodies (e.g., municipalities), indicate the top three used that were found to be the most successful in meeting the intent of education and outreach policies. Briefly explain how success was evaluated and any results achieved in the Comments field below.	No
		<b>Response</b>	
		use of educational materials for general public (e.g., "Source Water Protection - 2018 resources" on Conservation Ontario's website)	No
		use of educational materials for target audiences including developers, builders, landowners, farmers, etc. (e.g., "Source Water Protection - 2018 resources" on Conservation Ontario's website)	No
		workshops	No
		site visits	No
		source protection content for websites	No
		educational videos (e.g., Drinking Water Source Protection video available Conservation Ontario)	Yes
		podcasts	No
		collaboration with other bodies (e.g., ministries, local organizations, etc.)	No
		social media promotion (e.g., use of Facebook, Twitter, Instagram, etc.)	Yes
		media advertising (e.g., print media, radio, television) in news media and/or industry/stakeholder specific publications	No
		integration with other outreach programs or campaigns (e.g., Community Environment Days, etc.)	No
		articles in publications	No
		information kiosks at events/festivals	Yes



# Source Water Protection Annual Report

## 2018 - Supplemental Form

### SPR - Niagara Peninsula

**Comment:**

In today's digital age, video content attracts more eyeballs than traditional written content. For that reason, much of what was shared on social media for 2018, consisted of creative and engaging video content, mainly produced by external sources and Conservation Ontario. In the last quarter of 2018, Conservation Ontario shared a very engaging video to be distributed to stakeholders, in an effort to get people talking about where their drinking water come from. This proved to be very successful when distributed on social media, which was then shared by key partners for added exposure.

The NPCA's social media continues to be a great resource for community outreach and education for the Source Water Protection Program. Facebook, Twitter, and Instagram pages have been increasingly used to share more positive and proactive messages with NPCA's partners in conservation, focusing on latest SWP news and simple but important ways the public can get involved in the protection of source water. In 2018, we shared social media posts pertaining to the Minister's Annual Reporting on Drinking Water 2017, Source Protection Authority, Canada Water Week, National Groundwater Day, World Water Day, Yellow Fish Road, Ontario Clean Water Act, and making use of themes relating to road salt awareness, myths about drinking water, drains and septic system care, etc. Throughout 2018, we reached an estimated 71,450 residents in the Niagara Peninsula Watershed.

It was evident that the most popular and top performing posts were related to SWP and the actions citizens can take from home to help make a difference. Due to the success of the NPCA's #WaterWednesday social media posts, this was also adopted by Conservation Ontario.

The Yellow Fish Road (YFR) program continues to be very successful in terms of raising awareness about source water protection. YFR was utilized at 3 events (2 Earth Day events, Niagara Children's Water Festival) in 2018 with a combined total attendance of more than 2000 people. On top of the YFR completed 8 painting days at 8 different Niagara Region schools with a combined total of over 400 participants.



# Source Water Protection Annual Report

## 2018 - Supplemental Form

### SPR - Niagara Peninsula

**Report Id**   **Completed**   **Question**

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

**Agency**   **Current Year**   **Cumulative Count**

MECP   0   4

**Provincial Total**   0   4

**Comment:**

**Report Id**   **Completed**   **Question**   **Category**

241   True   State the number of source water protection signs installed on municipal roads in the source protection region/area for this reporting period.   Signage

**Answer:**   2

**Comment:**

**Report Id**   **Completed**   **Question**   **Category**

242   True   State the number of source water protection signs installed at other locations (if applicable) in the source protection region/area for this reporting period.   Signage

**Answer:**   0

**Comment:**



# Source Water Protection Annual Report

## 2018 - Supplemental Form

### SPR - Niagara Peninsula

Report Id	Completed	Question	Category
250	True	[OPTIONAL]: If applicable to the source protection region/area, in the response box below, briefly summarize the type of incentive(s) (e.g., prescribed instrument application fees waived, funding, other non-financial incentives, etc.) that was made available (whether as a policy in the source protection plan or not), the source that provided the incentive(s), the prescribed drinking water threat activity(ies) to which it relates, and the degree to which the incentive(s) assisted with the implementation of source protection plan policies that address significant drinking water threat activity(ies) (i.e., Full degree, Significant/large degree, Moderate degree, Some degree, or Limited degree) in your source protection region/area.	Incentives

**Answer:** N/A

**Comment:**

Report Id	Completed	Question	Category
-----------	-----------	----------	----------

260 True How many on-site sewage systems in the source protection area require inspections in accordance with the Ontario Building Code (i.e., once every five years)?

**Answer:** 0

**Comment:**

Report Id	Completed	Question	Category
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261 True Of those requiring inspections, how many on-site sewage systems (identified as significant drinking water threats) were inspected for this reporting period?

**Answer:** 0

**Comment:**



# Source Water Protection Annual Report

## 2018 - Supplemental Form

### SPR - Niagara Peninsula

Report Id	Completed	Question
-----------	-----------	----------

262	True	If not all required on-site sewage systems were inspected, please indicate why they were not all inspected from among the options below:
-----	------	--

**Response**

on-site sewage system(s) is newly constructed and therefore not captured in the first round of inspections  
landowner refused entry, compliance order being sought  
municipality has not yet initiated inspection program

**Answer**

No  
No  
Yes

**Comment:**



# Source Water Protection Annual Report

## 2018 - Supplemental Form

### SPR - Niagara Peninsula

Report Id	Completed	Question	Category
263	True	How many of the on-site sewage systems inspected required minor maintenance work (e.g., pump out, etc.)?	Sewage System Inspections
<b>Answer:</b>	0		
<b>Comment:</b>			

Report Id	Completed	Question	Category
264	True	How many of the on-site sewage systems inspected required major maintenance work (e.g., tank replacement, etc.)?	Sewage System Inspections
<b>Answer:</b>	0		
<b>Comment:</b>			

Report Id	Completed	Question	Category
270	True	If applicable to the source protection region/area, did the Source Protection Authority complete the reportable on the environmental monitoring of drinking water issues using the 2018 EAR Excel workbook file which can be downloaded from the FAQ section of the EAR navigation bar? Choose "No" if not applicable and indicate as such in the Comments box below.	Environmental monitoring for drinking water issues
<b>Answer:</b>	No		
<b>Comment:</b>	Not applicable		



# Source Water Protection Annual Report

## 2018 - Supplemental Form

### SPR - Niagara Peninsula

Report Id	Completed	Question	Category
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))?	Transport pathways
<b>Answer:</b>	0		
<b>Comment:</b>			



# Source Water Protection Annual Report

## 2018 - Supplemental Form

### SPR - Niagara Peninsula

Report Id	Completed	Question	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:	No
<b>Response</b>		Provided information to municipalities about changes in vulnerability Provided notice to Source Protection Committee for information Situation continues to be monitored	No No No
<b>Comment:</b>	N/A		



# Source Water Protection Annual Report

## 2018 - Supplemental Form

### SPR - Niagara Peninsula

Report Id	Completed	Question	Answer
290	True	[OPTIONAL]: Indicate specific actions taken by any person or body to reduce the impacts that transport pathways could have on sources of drinking water.	Yes
		<b>Response</b> Funding made available for proper well decommissioning Municipality decommissioning wells in accordance with O. Reg. 903 Private landowners decommissioning wells in accordance with O. Reg. 903	No No
		<b>Comment:</b>	



# Source Water Protection Annual Report 2018 - Supplemental Form SPR - Niagara Peninsula

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 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**

Education and Outreach (in description include details, if available, on type and percentage of target population reached, outcome(s) achieved, etc.)

**Answer**  
Yes

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

Yes

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

Yes

Water quantity

No

Great Lakes

No

Other policies (i.e., strategic action, etc.)

No



# Source Water Protection Annual Report

## 2018 - Supplemental Form

### SPR - Niagara Peninsula

**Comment:**

In 2018, the largest education and outreach was completed in the form of the Yellow Fish Road Program. An NPCA intern along with staff attended and hosted several community events. Events included: Earth Day, Niagara Children's Water Festival and Yellow Fish road painting days at 6 Niagara Region schools. Over 200 storm drains were painted and 300 fish hangers explaining the program were distributed amongst local residents.

Partner study with Ontario Geological Survey on regional groundwater systems, naturally occurring contaminants and transport pathways, independently funded by Niagara Region and NPCA.

The NPCA Water well decommissioning program (<https://npca.ca/well-decommissioning>) provides grant funding to assist with the decommissioning of unused water wells. Unused water wells were also identified during Highly Vulnerable Aquifer reviews for decommissioning by licensed water well drillers. These efforts were funded under NPCA activities separate from source water protection activities.



# Source Water Protection Annual Report 2018 - Supplemental Form SPR - Niagara Peninsula

Report Id	Completed	Question	Category
305	True	Did the Source Protection Authority complete the reportable to indicate the running tally (i.e., cumulative count) of progress made in addressing significant threats engaged in at the time of source protection plan approval (i.e., enumerated as existing) in the 2018 EAR Excel workbook which can be downloaded from the FAQ section of the EAR navigation bar?	Addressing existing enumerated threats
<b>Answer:</b>	Yes		
<b>Comment:</b>			
Report Id	Completed	Question	Category
310	True	Please provide comments below to explain the overall progress made in addressing these significant threats. Include the percentage of overall progress made in 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 completed in the 2018 EAR Excel workbook (see Tally of enumerated threats tab) and dividing it into the number that is derived by adding the total numbers in columns A and B and then subtracting this sum total from the total in column C. In other words, overall progress made = D/A B-C.	Addressing existing enumerated threats
<b>Answer:</b>	P: Progressing Well/On Target 84%, it appears that the Risk Management Official has written the Risk Management Plan for the last three parcels (all owned by the same person), and the owner has agreed to abide by the plan.		
<b>Comment:</b>			
Report Id	Completed	Question	Category
320	True	If applicable to the assessment report in your source protection region/area, provide a summary of steps taken to further assess or implement the work plans through amendments carried out under section 34 or section 36 of the Clean Water Act for Technical rule 30.1: Water Budget Tier 3.	Assessment report information gaps
<b>Answer:</b>	N/A		
<b>Comment:</b>			



# Source Water Protection Annual Report

## 2018 - Supplemental Form

### SPR - Niagara Peninsula

Report Id	Completed	Question	Category
321	True	If applicable to the assessment report in your source protection region/area, provide a summary of steps taken to further assess or implement the work plans through amendments carried out under section 34 or section 36 of the Clean Water Act for Technical rule 50.1: GUDI for WHPA-E and F.	Assessment report information gaps
<b>Answer:</b> N/A			
<b>Comment:</b>			
Report Id	Completed	Question	Category
322	True	If applicable to the assessment report in your source protection region/area, provide a summary of steps taken to further assess or implement the work plans through amendments carried out under section 34 or section 36 of the Clean Water Act for Technical rule 116: Issue Contributing Area.	Assessment report information gaps
<b>Answer:</b> N/A			
<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> N/A			
<b>Comment:</b>			



# Source Water Protection Annual Report

## 2018 - Supplemental Form

### SPR - Niagara Peninsula

Report Id	Completed	Question	Category
340	True	What positive outcomes (e.g., less water consumption, changes in behaviour, reduction in phosphorus and nitrogen concentrations, less chloride from road salt, reduction in algal blooms, human health protected, etc.), if any, have potentially resulted from the implementation of source protection plan policies? Please describe the outcomes below.	Source protection outcomes
<b>Answer:</b>		Heightened awareness of the need for integration of source water protection into activities such as spill response exercises, e.g. local fire departments, St. Lawrence Seaway Management Corporation, Enbridge, Niagara Region.	
<b>Comment:</b>			



# Source Water Protection Annual Report

## 2018 - Supplemental Form

### SPR - Niagara Peninsula

Report Id	Completed	Question	Answer
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?	Yes
		<b>Response</b> Progressing Well/On Target - The majority of the source protection plan policies have been implemented and/or are progressing well Satisfactory - Some of the source protection plan policies have been implemented and/or are progressing well Limited Progress made - A few of source protection plan policies have been implemented and/or are progressing well	No No No
		<b>Comment:</b>	



# Source Water Protection Annual Report 2018 - Supplemental Form SPR - Niagara Peninsula

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>		The Source Protection Committee states that based on the information provided the majority of threats have been addressed and all of the policies are implemented.	
<b>Comment:</b>			

## 2018 ANNUAL PROGRESS REPORTING FOR SOURCE PROTECTION

**NOTE:** This Excel workbook is to be used to complete the reportables listed below. Please do not modify.

Name of Source Protection Region: Niagara Peninsula Source Protection Area

Date Submitted:

Please use this Excel Workbook to complete your responses to the following questions in EAR:

Questions #20a and #20b: Implementation Status of source protection plan policies. **NOTE:** Only complete this tab if you choose to record counts and calculate percentages using an Excel format.

Question #220: Land Use Planning

Question #270: Environmental monitoring of drinking water issues

Question #305: Enumerated threats; progress in addressing significant threats engaged in at time of source protection plan approval

Once completed, this Excel workbook file is to be directly emailed to [source.protection@ontario.ca](mailto:source.protection@ontario.ca) and [Michael.halder@ontario.ca](mailto:Michael.halder@ontario.ca).

## 2018 ANNUAL PROGRESS REPORTING FOR SOURCE PROTECTION

Name of Source Protection Region: **Niagara Peninsula Source Protection Area**

Questions #20a: Implementation Status of source protection plan policies

**NOTE: Only complete this tab if you wish to record counts and calculate percentages of policies implemented using the Excel format option.** Complete the four tables below to indicate the implementation status of various policies in your source protection plan. The percentages calculated and reported in tables 1 to 3 below should be cumulative percentages (i.e., status of policies since the source protection plan effective date). See Guidance for more details.

**Table 1a.** Implementation status of *legally binding* policies that address *significant* drinking water threat activities.

Implementation Status Category	Count of Plan Policies	Percentage of Plan Policies
Implemented	32	97%
Implemented - Policy outcome(s) evaluated; no further action(s) required	1	3%
In progress/some progress made		
No progress made		
No information available/no response received		
No response required/not applicable		
<b>TOTAL</b>	<b>33</b>	<b>1</b>

**Table 1b.** Implementation status of *non-binding* policies that address *significant* drinking water threat activities.

Implementation Status Category	Count of Plan Policies	Percentage of Plan Policies
Implemented	14	100%
Implemented - Policy outcome(s) evaluated; no further action(s) required		
In progress/some progress made		
No progress made		
No information available/no response received		
No response required/not applicable		
<b>TOTAL</b>	<b>14</b>	<b>1</b>

**Table 2.** Implementation status of policies that address *moderate-low* (any policy tool, any legal effect) drinking water threat activities.

Implementation Status Category	Count of Plan Policies	Percentage of Plan Policies
Implemented		
Implemented - Policy outcome(s) evaluated; no further action(s) required		
In progress/some progress made		
No progress made		
No information available/no response received		
No response required/not applicable		
<b>TOTAL</b>		<b>0</b>

**Table 3.** Implementation status of policies (i.e., transport pathway, general education & outreach, some specify action, etc.) *not* directly associated with addressing specific drinking water threats.

Implementation Status Category	Count of Plan Policies	Percentage of Plan Policies
Implemented	4	80%
Implemented - Policy outcome(s) evaluated; no further action(s) required	1	20%
In progress/some progress made		
No progress made		
No information available/no response received		
No response required/not applicable		
<b>TOTAL</b>	<b>5</b>	<b>1</b>





## 2018 ANNUAL PROGRESS REPORTING FOR SOURCE PROTECTION

Name of Source Protection Region: Niagara Peninsula Source Protection Area

Questions #305: Enumerated threats - Progress made in addressing significant threats engaged in at time of source protection plan approval (i.e., enumerated as existing)

Complete the table of significant drinking water threats that were being engaged in (i.e., enumerated as 'existing' significant threats/threats) at the time of source protection plan approval by using the formula for the running tally of enumerated threats as explained below.

Lead source protection authorities will be maintaining a running tally of progress made in addressing significant threats that were on the ground before plans were approved. The running tally consists of the formula: A+B-C-D where:

- *A = Original estimate of significant drinking water threats engaged in/enumerated when source protection plan approved*
- *B = Additional significant drinking water threats identified after first source protection plan approved as a result of field verification (i.e., not part of original estimate of significant drinking water threat)*
- *C = Significant drinking water threats included in enumeration estimates at time of plan approval but subsequently determined through field verification that: (i) it 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 no longer applying pesticides for their own reasons)*
- *D = Significant drinking water threats addressed because policy is implemented\* (\* **Note** : Where multiple policy tools address any given threat sub-category, implemented means that actions associated with at least one policy tool have been completed/are in place.)* Source protection authorities may use their local discretion in which policy tool they wish to reflect as being implemented.

Threat ID	Prescribed Drinking Water Threat/Local threat/condition	A	B	C	D	No. of existing threats still to be addressed (A+B-C-D)
1	<input type="checkbox"/> The establishment, operation or maintenance of a waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> .					0
2	<input type="checkbox"/> The establishment, operation or maintenance of a system that collects, stores, transmits, treats or disposes of sewage.					0
3	<input type="checkbox"/> The application of agricultural source material to land.	8	0	3	2	3
4	<input type="checkbox"/> The storage of agricultural source material	8	0	3	2	3
5	<input type="checkbox"/> The management of agricultural source material					0
6	<input type="checkbox"/> The application of non-agricultural source material to land	0	1	1	0	0
7	<input type="checkbox"/> The handling and storage of non-agricultural source material					0
8	<input type="checkbox"/> The application of commercial fertilizer to land					0
9	<input type="checkbox"/> The handling and storage of commercial fertilizer					0
10	<input type="checkbox"/> The application of pesticide to land					0
11	<input type="checkbox"/> The handling and storage of pesticide					0

Threat ID	Prescribed Drinking Water Threat/Local threat/condition	A	B	C	D	No. of existing threats still to be addressed (A+B+C+D)
12	<input type="checkbox"/> The application of road salt					0
13	<input type="checkbox"/> The handling and storage of road salt					0
14	<input type="checkbox"/> The storage of snow					0
15	<input type="checkbox"/> The handling and storage of fuel					0
16	<input type="checkbox"/> The handling and storage of a dense non-aqueous phase liquid					0
17	<input type="checkbox"/> The handling and storage of an organic solvent					0
18	<input type="checkbox"/> The management of runoff that contains chemicals used in the de-icing of aircraft					0
19	<input type="checkbox"/> 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.	8	0	3	2	3
20	<input type="checkbox"/> Water taking from an aquifer without returning the water to the same aquifer or surface water body					0
21	<input type="checkbox"/> Reducing recharge of an aquifer					0
22	<input type="checkbox"/> Establishment and operation of a liquid hydrocarbon pipeline					0

Threat ID	Prescribed Drinking Water Threat/Local threat/condition	A	B	C	D	No. of existing threats still to be addressed (A+B-C-D)
	<input type="checkbox"/> Local threat #1 (if applicable, please specify) - Transportation, storage and handling of fuel (diesel/gas)	36	0	0	36	0
	<input type="checkbox"/> Local threat #2 (if applicable, please specify) - Transportation of Agricultural/Non-Agricultural Source Material	6	0	0	6	0
	<input type="checkbox"/> Local condition #1 (if applicable, please specify) _____					0
	<input type="checkbox"/> Local condition #2 (if applicable, please specify) _____					0
<b>TOTAL</b>		<b>66</b>	<b>1</b>	<b>10</b>	<b>48</b>	<b>9</b>



# Niagara Peninsula Source Protection Area

## 2018 Source Water Protection Annual Reporting SPA-05-19

Source Protection Authority  
April 17th, 2019



# Introduction

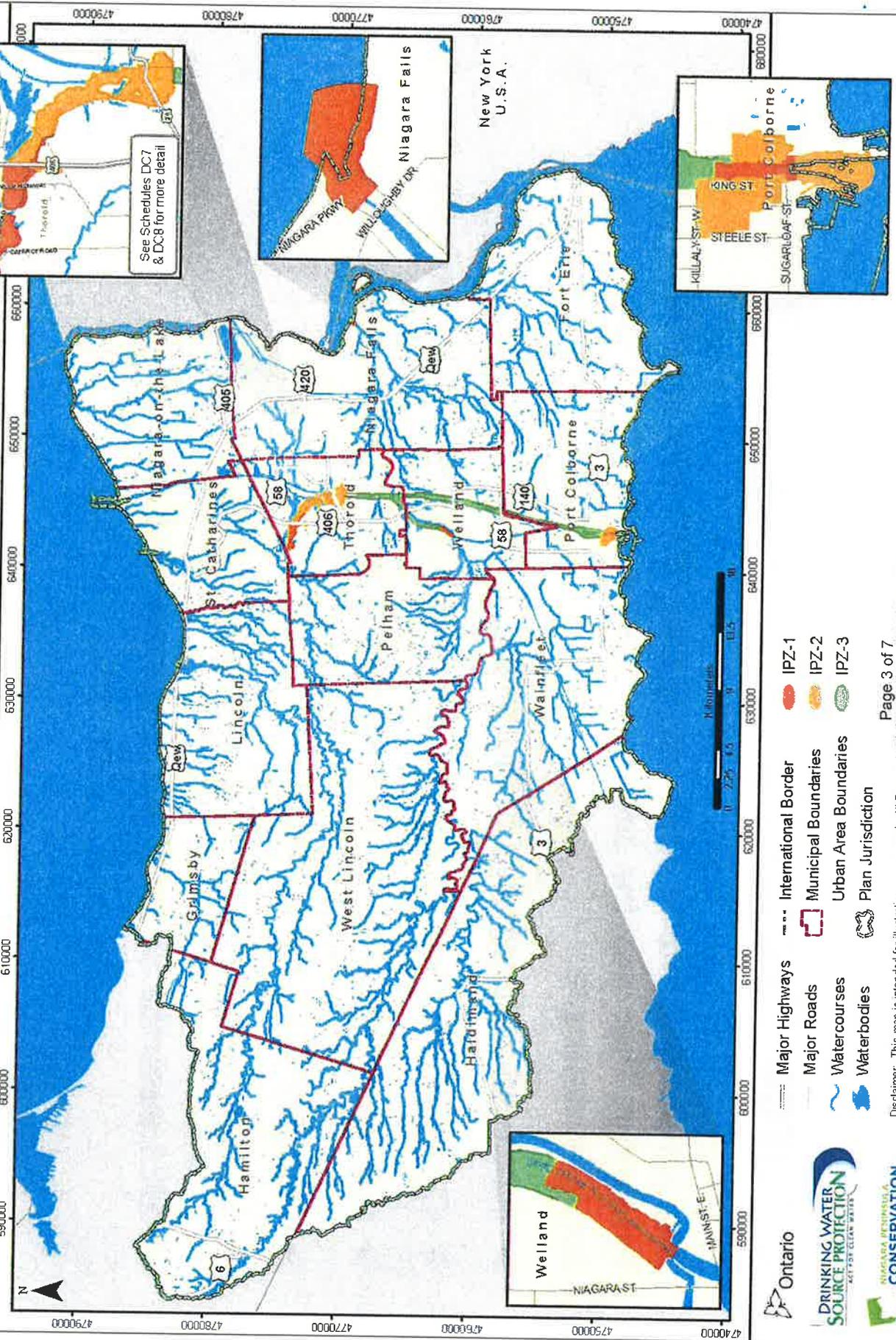
The Source Protection Authority is required (s.46, Clean Water Act) to annually prepare a report **to be submitted to the MECP on May 1<sup>st</sup>**

For 2018, the report consists of the following documents:

- Source Protection Annual Progress Report
  - ❖ Produced for public distribution, summary of annual progress with SPP implementation
- Source Water Protection Annual Report 2018 – Policy Implementation Status
  - ❖ Describes the implementation status of Source Protection Policies
- Source Water Protection Annual Report 2018 – Supplemental Form
  - ❖ Detailed account of Annual Progress Report achievements
- 2018 Annual Progress Reporting for Source Protection Excel Workbook
  - ❖ Additional questions related to Annual Progress Report achievements

# Niagara Peninsula Source Protection Plan

## PA: Intake Protection Zones Where Source Protection Plan Policies Apply



Ontario  
**DRINKING WATER SOURCE PROTECTION**  
 ACT OF CLEAN WATER

**NIAGARA PENINSULA CONSERVATION**  
 AUTHORITY

Page 3 of 7  
 Appendix 5

Disclaimer: This map is intended for illustrative purposes only. All frames: North Pole to Universal Transverse Mercator 6° Projection, Zone 17N, Central Meridian 81° West. Produced by the Niagara Peninsula Conservation Authority with data supplied under license by the Ministry of the Environment and Climate Change, Ontario.

# Source Protection Plan Implementers

The Source Protection Authority guides and oversees the Source Protection Plan and the program, but the majority of the implementers are:

- Regional Municipality of Niagara
- Cities of Thorold, Niagara Falls, Port Colborne and Welland
- Ministry of the Environment, Conservation and Parks
- Ministry of Transportation
- Ministry of Agriculture Food & Rural Affairs
- St. Lawrence Seaway Management Corporation

# Status of Source Protection Plan

Progress on achieving Source Protection Plan objectives: **“Progressing Well/On Target”**

*The Source Protection Annual Progress Reporting has been **REVIEWED** and **APPROVED** by the Source Protection Committee at March 2019 meeting*

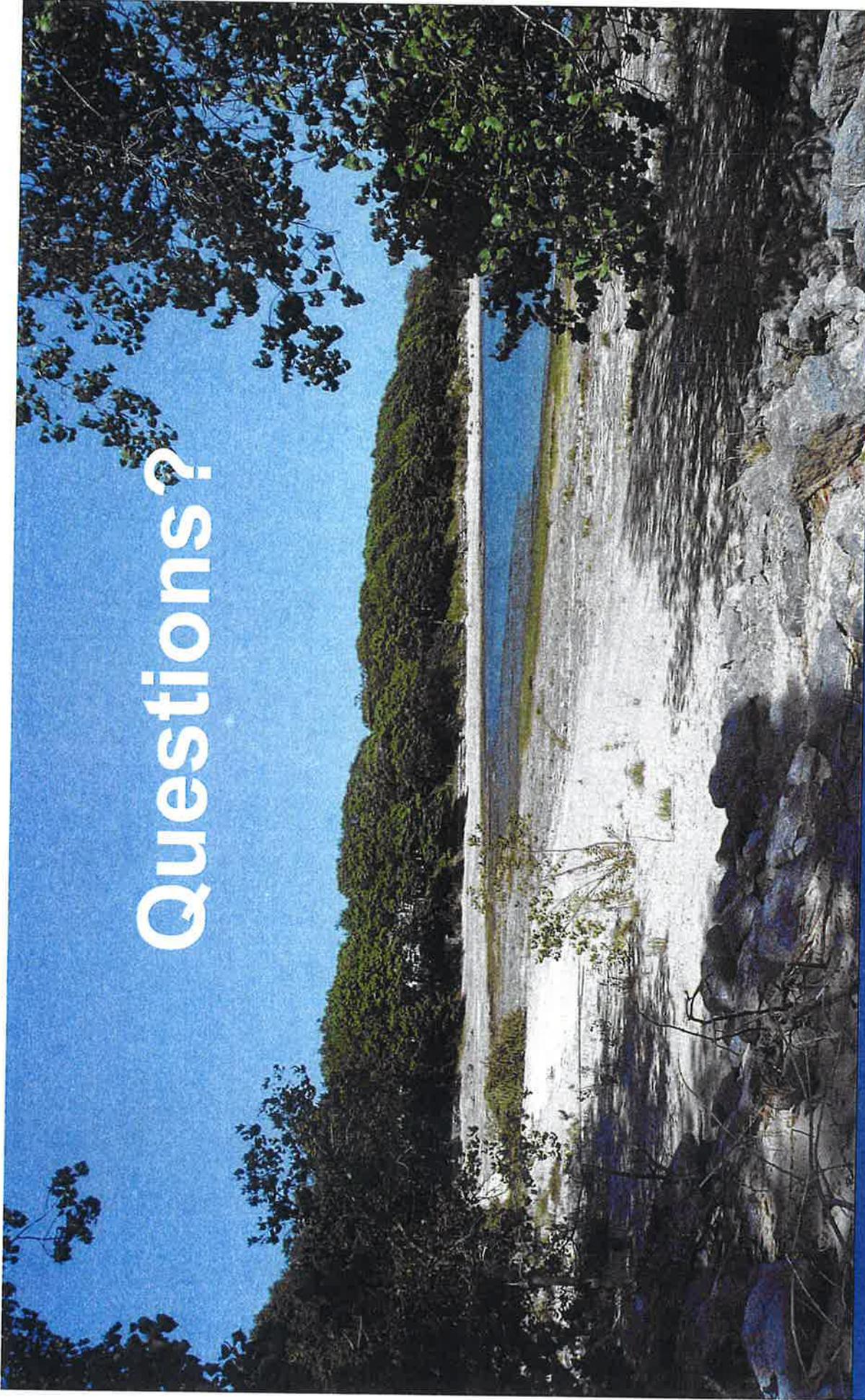
***“Based on the information provided the majority of threats have been addressed and all of the policies are implemented.”***



## Recommendation

- That the Source Protection Authority **APPROVE** the documents attached to report SPA-05-19 to be submitted to the Ministry of the Environment, Conservation and Parks
- That the Source Protection Annual Progress Report be **POSTED** to the Niagara Peninsula Source Protection Area website

# Questions?



[www.sourceprotection-niagara.ca](http://www.sourceprotection-niagara.ca)

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Report SPA-05-19  
Appendix 5

