



# DRINKING WATER SOURCE PROTECTION

Trent Conservation Coalition Source Protection Region

## **First Progress Report**

**Reporting Period January 1, 2015 to  
December 31, 2017**



March 8<sup>th</sup>, 2019

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# Introduction

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- Trent Conservation Coalition First Progress Report for the Trent and Ganaraska Source Protection Plans.
- Provides an update of the status of the implementation for the first three years of implementation from the effective date of January 1st , 2015 to December 31st, 2017.
- This report was submitted, as required, to the Ministry of the Environment, Conservation and Parks in May 2018.
- Annual reporting as per the Clean Water Act is now in effect and the 2018 Annual Report will be submitted May 2019.

# Introduction

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- To evaluate implementation status and effectiveness, a monitoring component is included for each policy in the source protection plan.
- In order to report implementation activities to the ministry, the Source Protection Authorities receive monitoring information from implementing bodies that is included in the Annual Progress Report.

# Progress Score Overview

January 1, 2015 to December 31, 2017

Policy	Trent SPP	Ganaraska SPP
Overall Objectives Achieved	Satisfactory	Progressing Well/On Target
Policy Implementation	Progressing Well/On Target	Progressing Well/On Target
Municipal Progress – Addressing Risk	Satisfactory	Progressing Well/On Target
Septic Inspections	Progressing Well/On Target	Progressing Well/On Target
Risk Management Plans	Progressing Well/On Target	Progressing Well/On Target
Provincial Progress	Progressing Well/On Target	Progressing Well/On Target
Education and Outreach	Progressing Well/On Target	Progressing Well/On Target

# Overall Progress Score

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## Trent Source Protection Plan:

- The Source Protection Committee (SPC) settled on the progress score of “Satisfactory”
- This score was determined based on the fact that many policies have not been implemented across all four source protection areas and only some are within the compliance timelines identified in the plan.
- Policy Implementation challenges have been identified and are currently being reviewed. In order to support policy implementation these challenges need to be addressed.
- Through consultation with municipalities, a list of challenges and possible solutions have been compiled and will be presented at SPC.

# Overall Progress Score

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## Ganaraska Source Protection Plan:

- The Source Protection Committee settled on the progress score of “Progressing well / on target” since all policies have been implemented or are in the progress of being implemented within the compliance timelines identified in the plan.

# Policy Implementation Progress Score

## Trent Source Protection Plan:

- The percentage of policy progress across the Trent Source Protection Plan was determined through the following

Source Protection Area	Percent Policies Implemented, In progress or evaluated as no further action required	Progress Score Assigned by SPA
Otonabee-Peterborough	75%	P: Progressing well / on target
Kawartha-Haliburton	80%	P: Progressing well / on target
Crowe Valley	82%	P: Progressing well / on target
Lower Trent	82%	P: Progressing well / on target

# Policy Implementation Progress Score

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## Ganaraska Source Protection Plan:

- All the policies (100%) that address significant drinking water threats are in place, in progress, not applicable or the policy outcome has been evaluated and no further action required.



# Municipal Progress – Addressing Risk

## Trent Source Protection Plan:

- Municipalities and Approval Authorities under the Planning Act are the Implementing Bodies for 56 policies in the Trent Source Protection Plan

Source Protection Area	Municipalities with SOP's in place	% Official Plan and Zoning By-Law Policies Implemented	% Emergency Management Policies Implemented	Progress Score assigned by SPA
Otonabee-Peterborough	100%	80%	85%	P: Progressing well / on target
Kawartha-Haliburton	100%	33%	67%	S: Satisfactory
Crowe Valley	100%	100%	100%	P: Progressing well / on target
Lower Trent	100%	33%	50%	S: Satisfactory

# Municipal Progress – Addressing Risk

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## Ganaraska Source Protection Plan:

- Municipalities and Approval Authorities under the Planning Act are the Implementing Bodies for 36 policies under the plan.
- 100% of the policies have been implemented

# Septic Systems

## Trent Source Protection Plan:

SPA	Inspection Agency(ies)	# Inspections	# Requiring Maintenance	% Complete
Otonabee-Peterborough	Peterborough Public Health	139	16 (12%)	100%
Kawartha-Haliburton	Municipal Building Inspectors	407	58 (14%)	93%
Crowe Valley	Municipal Building Inspectors and Peterborough Public Health (Havelock)	47	12 (26%)	100%
Lower Trent	Municipal Building Officials and Septic Inspectors	123	0	80%

Overall, 93% percent of existing septic threats have been inspected in accordance with Ontario Building Code, of which 12% required maintenance, and 88% functioning as required. The remaining inspections are expected to be completed in 2018 and early 2019.

# Septic Systems

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## Ganaraska Source Protection Plan:

- There were 13 septic inspections conducted.
- Implementing bodies report that 100% percent of existing septic threats have been inspected in accordance with Ontario Building Code, of which 100% are functioning as required

# Septic Systems

- For both Trent and Ganaraska Source Protection Plans, 100% of municipalities and/or health units have standard operating procedures to ensure Ontario Building Code compliance and thus ensure that future septic systems do not become significant threats.



# Risk Management Plans

## Trent Source Protection Plan:

- Risk Management Officials are the implementing body for 39 policies in the Trent Source Protection Plan
- 60 Risk Management Plans have been established. These 60 plans collectively manage a total of 127 significant drinking water threats.

Source Protection Area	# RMP's Established	# Significant Threats Managed	# of Threats remaining to be managed	# Inspections
Otonabee-	8	11	36	15
Kawartha-Haliburton	21	63	66	2
Crowe Valley	8	8	16	6
Lower Trent	23	45	41	1



# Risk Management Plans

## Ganaraska Source Protection Plan:

- Risk Management Officials are the Implementing Body for 39 policies in the Ganaraska Source Protection Plan
- Two Risk Management Plans were established. These 2 plans manage 2 significant drinking water threats.

Source Protection Area	# RMP's Established Complete	# Significant Threats Managed	# of Threats remaining to be managed	# Inspections	# Section 59 Notices
Ganaraska	2	2	2	0	1

# Provincial Progress

## Trent and Ganaraska Source Protection Plans:

- The ministries in the table below have implemented 67% of the policies.
- All policies are in progress

Implementing Body	Policy Implementation Complete (%)	Policy Implementation In Progress (%)	Policy Implementation Not in Progress
Ministry of Agriculture, Food, and Rural Affairs (OMAFRA)	40	60	0
Ministry of the Environment and Climate Change (MOECC)	77	23	0
Ministry of Natural Resources and Forestry (MNRF)	100	0	0
Ministry of Transportation (MTO)	100	0	0



# Education and Outreach

- Ten policies in both the Trent and Ganaraska Source Protection Plans utilize the education and outreach tool to better protect sources of municipal drinking water.
- It was reported that the majority of the municipalities (70%) have ensured Education and Outreach policies are implemented.



# In Closing

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- The Progress Report also identified policy implementation challenges as well as results of source water quality monitoring that indicating water quality issues for two drinking water systems: Blackstock and Stirling.
- These challenges are currently being addressed. Source Protection Authorities will continue to communicate with and support local municipalities.

To view the progress report go to:

<http://trentsourceprotection.on.ca/resources/reports-legislation>

Under Implementation Summary Reports, refer to the document titled 2017 Annual Progress Report