



# The Regional Municipality of Durham COUNCIL INFORMATION PACKAGE

Friday, February 7, 2025

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Members of Council – Please advise the Regional Clerk at [clerks@durham.ca](mailto:clerks@durham.ca), if

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# The Regional Municipality of Durham Information Report

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From: Commissioner of Works  
Report: #2025-INFO-10  
Date: February 7, 2025

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**Subject:**

Curbside Collection Program Updates

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**Recommendation:**

Receive for information.

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**Report:**

**1. Purpose**

1.1 This report provides a summary of the Regional Municipality of Durham's (Region) transition from the Blue Box program in 2024, the Enhanced Green Bin Program and Online Sales and Exchange Platform.

**2. Background**

**Blue Box Transition**

2.1 In June 2021, the Province of Ontario introduced Regulation 391/21 Blue Box (Regulation 391/21) under the Resource Recovery and Circular Economy Act, 2016. This regulation transfers the financial and operational responsibility for recycling from municipalities to the producers of packaging, paper, and packaging-like products.

2.2 On July 1, 2024, the Region transitioned its curbside Blue Box collection program to Producers as part of a three-year province-wide transition. Under the new Extended Producer Responsibility (EPR) regime, producers took over full



responsibility for the program. The province-wide transition will be completed by December 31, 2025.

### **Enhanced Green Bin Program**

- 2.3 At its June 29, 2022 meeting, Regional Council approved the recommendation in Report [#2022-COW-22](#), to cancel the procurement process for the Region's Mixed Waste Pre-sort and Anaerobic Digestion Facility (AD Project) under NRFP-1080-2021. This decision was due to significant capital and future operating costs, compounded by uncertainties from global inflation and supply chain challenges.
- 2.4 This cancellation did not eliminate the Region's need for a sustainable organics management plan. The plan included ongoing organics processing using Anaerobic Digestion (AD) and meeting the following waste management plan objectives:
- a. Compliance with legislative organics diversion requirements.
  - b. Addressing the service needs of the Region's growing population.
  - c. Managing the capacity limitations of the Region's existing waste disposal infrastructure.
  - d. Increasing environmental sustainability and climate change impacts through an increase in overall diversion.

### **3. Previous Reports and Decisions**

- 3.1 Report [#2020-COW-30](#), titled "Environmental Registry of Ontario (ERO) #019-2579 Proposed Blue Box Regulation", endorsed staff feedback on the draft Blue Box regulation that was submitted to the Ministry of Environment, Conservation and Parks (MECP) as part of the consultation process and authorized staff to work with Producer Responsibility Organizations to continue service to the Business Improvement Areas.
- 3.2 Report [#2021-INFO-74](#), titled "Overview of the Final Blue Box Regulation 391/21", provided a summary of the key points of the final Blue Box Regulation and the impacts to the Region.
- 3.3 Report [#2022-WR-2](#), titled "Blue Box Transition Impacts on Waste Management Collection Operations and Small Business Recycling Options", authorized staff to

- enter negotiations with Producer Responsibility Organizations to continue collecting blue box materials from the Region's Business Improvement Areas after the blue box transition date of July 1, 2024.
- 3.4 Report #[2023-WR-3](#), titled "Organics Management Plan – Next Steps", authorized staff to pursue a 10-year contract for anaerobic digestion of the source separated organics waste stream and expand the suite of materials accepted in the green bin to include diapers, pet waste, menstrual and incontinence products.
- 3.5 At the February 7, 2024 Works Committee meeting, staff presented an ["Update on Durham Region's Transition to Extended Producer Responsibility and Organics Program Changes"](#), including a review of the regulatory requirements of the Blue Box Regulation and the July 1, 2024 transition to extended producer responsibility for the blue box. The presentation also provided an overview of the launch of the Enhanced Green Bin program planned for July 1, 2024.
- 3.6 Report #[2024-WR-2](#), titled "Update on Small Business Recycling Post Blue Box Transition", authorized staff to inform the Business Improvement Areas in each local area municipality that curbside blue box recycling services would end on December 31, 2025, and that the businesses will need to make alternative recycling arrangements. Regional Council also directed staff to continue advocating for the inclusion of Business Improvement Areas in the Blue Box Regulation as the most cost-effective approach to diverting this material from small businesses in Ontario.
- 3.7 Report #[2024-WR-3](#), titled "Sole Source of Promotion and Education Services to be Provided by The Regional Municipality of Durham for Circular Materials Ontario for the Blue Box Program under Extended Producer Responsibility", authorized staff to enter into an agreement with Circular Materials Ontario (CMO). This agreement involves the Region receiving payment for continued promotion of the Blue Box to Durham Region residents through the Region's Waste App, social media channels and the [durham.ca/waste](http://durham.ca/waste) webpage. The contract expires on December 31, 2025, with an option to extend for three additional one-year terms. The estimated revenue for the Region is \$159,000 over the initial 18-month contract term.
- 3.8 Report #[2024-WR-6](#), titled "Sole Source Agreement with Circular Materials for Collection, Haulage, Processing and Marketing of Blue Box Recyclables Collected at the Regional Municipality of Durham Waste Management Facilities", authorized staff to enter into an agreement with CMO to receive payment for

collecting, hauling, processing and marketing the blue box materials received at Region Waste Management Facilities up to December 31, 2025. The estimated revenue for the Region is \$680,000 over the initial 18-month contract term.

#### **4. Blue Box Transition Update**

##### **Residential Curbside Blue Box Collection**

- 4.1 The Region's Blue Box Program responsibility was transferred to CMO, operating on behalf of Producers, on July 1, 2024. All Blue Box service levels have been maintained and will continue to be maintained at least until the province-wide transition is completed on December 31, 2025.
- 4.2 Staff will continue collaborating with CMO to ensure their contractors maintain service levels, provide new residents with blue boxes and replace broken blue boxes.
- 4.3 The Region's Blue Box and lid inventory has been fully distributed and is no longer available for purchase or exchange at locations operated by the Region. CMO's contractors are now responsible for replacing damaged bins. Although service responses have generally been maintained, staff are aware of complaints where residents have not been able to obtain a replacement due to a lack of inventory. In the interests of residents, staff have raised concerns with the contractors and CMO as appropriate in an effort to improve service levels.
- 4.4 The Region continues to promote the blue box program to residents under a cost recovery contract with CMO until December 31, 2025. This promotion includes directing resident calls to their respective Blue Box collection contractors.
- 4.5 Additional program changes may occur starting on January 1, 2026, including:
  - a. A common list of accepted materials across Ontario
  - b. Additional materials in the Blue Box in Durham
  - c. Collection day changes
  - d. Collection container change (carts)
- 4.6 There will be no changes to the Blue Box program until January 1, 2026, at the earliest.

**Blue Box Collection in Business Improvement Areas (BIAs)**

- 4.7 Durham's BIAs will no longer be serviced by CMO after the completion of the Blue Box transition on December 31, 2025.
- 4.8 Communication to affected businesses has been disseminated through InvestDurham social channels, with additional targeted communication planned for 2025.
- 4.9 Staff have advocated through the Association of Municipalities of Ontario, other affiliated industry associations, and correspondence from the Office of the Regional Chair for the inclusion of small businesses in updated or future regulations after the Region transitions out of the Blue Box program.

**5. Enhanced Green Bin Program**

- 5.1 The Enhanced Green Bin program, launched on July 1, 2024, now accepts diapers, pet waste, menstrual and incontinence products in the Green Bin for weekly collection.
- 5.2 The Region has contracted a third party for anaerobic digestion of the green bin organics, allowing for the removal of more plastics associated with a dirtier organic stream.
- 5.3 The end-products of this process include renewable natural gas and a solid material, which can be composted, land applied or used as fertilizer.
- 5.4 Preliminary data from July to December 2024 indicates an 18 per cent increase in organics tonnes diverted from disposal compared to the same period in 2023, as shown in Table 1.

Table 1: Organics collected from July to December 2023 versus 2024

Month	2023	2024	Difference
	Tonnes	Tonnes	(%)
July	2,619.81	3,142.03	+19.93
August	3,138.11	3,467.29	+10.49
September	2,932.63	3,087.51	+5.28
October	2,750.32	3,686.42	+34.04
November	2,740.58	3,345.13	+22.06
December	2,689.31	3,190.23	+18.63
<b>Overall</b>	<b>16,870.76</b>	<b>19,918.61</b>	<b>+18.07</b>

5.5 The Region offered a \$10 subsidized Green Bin from July 1 to December 31, 2024, with a limit of one bin per household, to assist residents needing additional green bin capacity due to the program expansion. Residents could order bins by calling MyDurham311 or ordering online, with the new bins delivered to their homes. Approximately 5,000 subsidized green bins were purchased.

5.6 Promotion of the Enhanced Green Bin program will continue in 2025 to further grow the program.

## 6. Online Sales and Exchange Platform

6.1 A new online sales and exchange platform was launched on July 1, 2024, which allows the Region's residents to order Green Bins, kitchen catchers, home composters and other materials through MyDurham311 with direct doorstep delivery.

6.2 From July 1 to December 30, 2024, approximately 9,550 orders were fulfilled using the new online platform.

6.3 Modernizing the sale and exchange of Waste Diversion Inventory has improved customer service and allowed for a more effective and accessible way for residents to obtain new Waste Diversion Inventory or exchange broken bins to improve participation in the Region's waste diversion programs. This service also supports the vision of a fully accessible Ontario by 2025.

6.4 The online sales and exchange service may render the Waste Management Sales Office at 4600 Garrard Road North, Whitby, redundant. There was an approximate 53 per cent decline in in-person sales at 4600 Garrard North,

Whitby, from August to December 2024, compared to the 2023 data for the same period following the launch of the online platform. Staff will undertake a review of the function of the sales office in 2025.

- 6.5 In November 2024, Canada Post went on strike. This had an immediate impact on the Region's ability to distribute garbage bag tags and waste collection calendars. Staff used this opportunity to test the distribution of these items using the Waste Management Services Branch's third-party home delivery service, which supports the new online sales platform as a contingency plan. Staff will monitor this delivery method as an alternative to Canada Post as it has the potential to provide faster service at a lower overall cost.

## **7. Relationship to Strategic Plan**

- 7.1 This report aligns with/addresses the following strategic goals and priorities in the Durham Region Strategic Plan:
- a. Goal 1.2 - Increase waste diversion and resource recovery.

## **8. Conclusion**

- 8.1 Several significant changes to the Regional Municipality of Durham's Waste Management Programs occurred on July 1, 2024. All program changes have been completed successfully and have been well received by the public with continued commitment to diversion, enhancing program accessibility and environmental sustainability.
- 8.2 For additional information, contact Andrew Evans, Director, Waste Management Services, at 905-668-4113 extension 4102.

Respectfully submitted,

**Original signed by Christine Dunkley,  
Director of Corporate Infrastructure and  
Strategic Business Services, for**

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Ramesh Jagannathan, MBA, M.Eng., P.Eng., PTOE  
Commissioner of Works



# The Regional Municipality of Durham Information Report

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From: Commissioner of Works  
Report: #2025-INFO-11  
Date: February 7, 2025

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**Subject:**

2024 Source Water Protection Annual Report

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**Recommendation:**

Receive for information.

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**Report:**

**1. Purpose**

1.1 This report is being provided with a copy of each Source Water Protection Annual Report (Attachments #1 to #3) required by the Clean Water Act, 2006. These reports summarize the implementation efforts and activities undertaken in 2024. Each report was submitted to the corresponding Source Protection Authority by February 1, 2025, in accordance with the Clean Water Act, 2006, and Source Protection Plans.

**2. Background**

2.1 The Regional Municipality of Durham (Region) is divided into three Source Protection Regions: The Credit Valley, Toronto and Region, Central Lake Ontario Source Protection Region (CTC), the South Georgian Bay Lake Simcoe Source Protection Region (SGBLS) and the Trent Conservation Coalition Source Protection Region (TCC).

2.2 The attached reports summarize the legislated and voluntary proactive activities undertaken by the Region in 2024 to comply with the Clean Water Act, 2006, and Source Protection Plans. Local Source Protection Plans contain policies that set out the reporting requirements for the Region. These reporting requirements have been developed by the Source Protection Committees and vary between Source

Protection Regions. Additionally, the Region has a duty to report the actions taken by Risk Management Officials and Risk Management Inspectors to the respective Source Protection Authority under the Clean Water Act, 2006.

- 2.3 On October 31, 2014, the TCC Source Protection Plan received approval from the Ministry of the Environment, Conservation and Parks (MECP), effective January 1, 2015.
- 2.4 On January 26, 2015, the SGBLS Source Protection Plan received approval from the MECP effective July 1, 2015.
- 2.5 ON January 28, 2015, the CTC Source Protection Plan received approval from the MECP, effective December 31, 2015.
- 2.6 The annual report includes information on the management of existing drinking water threats, development of Risk Management Plans, education and outreach initiatives and planning implications under each specific Source Protection Plan.

### **3. Implementation**

- 3.1 All the properties and landowners with significant drinking water threats have met or corresponded with Regional staff regarding activities on their properties.
- 3.2 The Source Water Protection Plans require Risk Management Plans to be negotiated with landowners. During negotiations, it was found that approximately 90 per cent of the risk management measures contained in the Risk Management Plans included best management practices already in place at each location. These practices included:
  - Employee training records
  - Inspection records
  - Health and safety inspections
  - Spill prevention
  - Work instructions
  - Proper chemical handling; and
  - Storage and regulated waste disposal
- 3.3 The education and outreach component of source water protection is being implemented through social media posts, new website content, hard copy materials and staff presentations.



- 3.4 Regional staff continue to participate in several working groups with other municipalities, conservation authorities and the province to collaborate on implementation of risk management measures, risk management plans, municipal guidance documents and education and outreach.
- 3.5 Regional staff continue to work in partnership with the City of Toronto, Region of Peel and Halton Region as members of the Lake Ontario Collaborative Group. The group is currently working with a project team including DHI Group, to continue the development of the Decision Support System and 3-D hydrodynamic model of western Lake Ontario. This model supports decision making and emergency spill response using existing data inputs from partners such as Ontario Power Generation, Toronto and Region Conservation Authority, and the MECP, as well as specialized monitoring equipment that will be procured as part of this project. This work program is being completed to satisfy the Lake Ontario policies in the approved CTC Source Protection Plan.
- 3.6 Phase 1 of the Lake Ontario Water Quality Forecasting System has been completed and is currently operational, with data validation completed in 2022. Phase 2 work is currently underway, which includes improvements to model calibration and tributary time of travel, and the incorporation of ECO lab and additional lake monitoring equipment. Cybersecurity and functional enhancements were also made to the application in 2024 as part of the Phase 2 work.

#### **4. Updated Groundwater Modelling Project**

- 4.1 In 2018, work commenced to update the groundwater modelling for the Regional municipal wells. Groundwater modelling for 27 municipal wells, throughout the Region's eight well systems was updated and approved by the province in 2023 to reflect new Wellhead Protection Areas. The new Wellhead Protection Areas, specifically the community of Cannington in the Township of Brock, may change the properties impacted by Source Protection Plan policies. Staff will begin efforts in Cannington to verify and manage significant drinking water threats to ensure compliance with Source Protection Plan policies.

#### **5. Cannington Issue Contributing Area for Nitrate**

- 5.1 In 2023, Regional staff initiated a project to delineate a Wellhead Protection Area – Issue Contributing Area for Nitrate, in response to elevated nitrate concentrations in several municipal wells for the Cannington Municipal Drinking Water System. This work is being carried out in accordance with the Clean Water Act, 2006 and will lead to the implementation of additional Source Protection Plan policies to

address Significant Drinking Water Threats associated with the storage and application of nitrates. The work is scheduled for completion in 2025 and anticipated approval by the province in 2026.

## **6. Source Protection Plan Implementation**

6.1 Implementation of the Source Protection Plans is complete with the CTC and TCC Source Protection Regions.

## **7. Relationship to Strategic Plan**

7.1 This report aligns with the following strategic goals and priorities in the Durham Region Strategic Plan:

- a. Goal 1 Environmental Sustainability - To protect the environment for the future by demonstrating leadership in sustainability and addressing climate change.
  - Protect, preserve and restore the natural environment, including greenspaces, waterways, parks, trails and farmland
- b. Goal 2 Community Vitality - To foster an exceptional quality of life with services that contribute to strong neighbourhoods, vibrant and diverse communities, and influence our safety and well-being.
  - Enhance community safety and well-being
- c. Goal 5 Service Excellence - To provide exceptional value to Durham taxpayers through responsive, effective and fiscally sustainable service delivery.
  - Demonstrate commitment to continuous quality improvement and communicating results

## **8. Conclusion**

8.1 The attached reports provide a summary of the implementation efforts and activities undertaken in 2024.

8.2 For additional information, please contact Tavis Nimmo, Manager, Water Resource Monitoring and Protection, at 905-668-4113 ext. 3737.

**9. Attachments**

- Attachment #1: Risk Management Official Annual Report – Credit Valley – Toronto and Region – Central Lake Ontario Source Protection Region – January 1, 2024, to December 31, 2024
- Attachment #2: Risk Management Official Annual Report – South Georgian Bay Lake Simcoe Source Protection Region – January 1, 2024, to December 31, 2024
- Attachment #3: Risk Management Official Annual Report – Trent Conservation Coalition Source Protection Region – January 1, 2024, to December 31, 2024

Respectfully submitted,

Original signed by Christine Dunkley,  
Director of Corporate Infrastructure and  
Strategic Business Services for

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Ramesh Jagannathan, MBA, M.Eng., P.Eng., PTOE  
Commissioner of Works

The Regional Municipality of Durham

Risk Management Official Annual Report

Credit Valley – Toronto and Region – Central Lake Ontario Source Protection Region

January 1, 2024 – December 31, 2024

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## 1. List of Abbreviations and Acronyms

AR	Assessment Report
BMP	Best Management Practice
CA	Conservation Authority
CWA	Clean Water Act, 2006
DNAPL	Dense Non-Aqueous Phase Liquid
E&O	Education and Outreach
ID	Identification
IPZ	Intake Protection Zone
MECP	Ministry of the Environment, Conservation, and Parks
OFEC	Ontario Farm Environmental Coalition
OMAFRA	Ontario Ministry of Agriculture, Food and Rural Affairs
PI	Prescribed Instrument
RMI	Risk Management Inspector
RMM	Risk Management Measures
RMO	Risk Management Official
RMP	Risk Management Plan
SDWT	Significant Drinking Water Threat
SPA	Source Protection Authority
WHPA	Wellhead Protection Area

## 2. Report Information

Name of Municipality	The Regional Municipality of Durham
Source Protection Authority	Credit Valley-Toronto and Region-Central Lake Ontario
Water Supply System	Uxville Industrial Park
SPA Staff Contact	Behnam Doulatyari
Submitted By	Tavis Nimmo, Risk Management Official
Date Submitted	January 31, 2025

## 3. Annual Report

This annual report is provided in accordance with Section 81 of the *Clean Water Act, 2006*. It outlines the activities undertaken by the Regional Municipality of Durham in 2024 that were required by legislation as well as a summary of progress to date in implementing the Source Protection Plan.

## 4. Risk Management Officials, Inspectors and Training

RMO/RMI require renewal course every five years.

Name	Title	RMO/RMI Training Date	Property Entry Training Date
Shelly Cuddy	Risk Management Official	September 2023	August 2023
Tavis Nimmo	Risk Management Official	December 2021	December 2021
Colin Hall	Risk Management Inspector	September 2022	September 2022
Maureen Bianchet	Risk Management Inspector	November 2024	February 2024
Ashley Brettell	Risk Management Inspector	November 2024	November 2024
Carly Graham	Risk Management Inspector	November 2022	November 2022

## 5. Risk Management Office

5.1. Provide an overview of work planned for 2025

Item	Description
Threat Verification	Threat verification complete.
RMPs	RMPs have all been completed.
E&O	Staff will continue distributing education and outreach materials in areas with low and moderate threat levels as rules permit.
Application Review and Section 59 Notices	Continue to review Planning Act/Building Permit applications.
Incentives	Reviewed and determined there is no need for incentives in this period.

**6. Annual Progress Report as per Section 46(1) Clean Water Act, 2006 and Section 52(1) O.Reg 287/07**

6.1. Provide an update for applicable RMO implementer policies

SDWT Type	Policy ID	Status	Existing Percent Complete
Waste Disposal Site	WST-1, WST-6	Complete	100
DNAPL	DNAP-1	Complete	100
Organic Solvents	OS-1	Complete	100

6.2. Provide the number and type of Section 59 notices issued. The risk management office reviews planning/building applications in vulnerable areas to determine if potential land use activities pose a threat to the quality or quantity of municipal drinking water sources.

Number of Section 59 Notices Where No Prohibition or No RMP Required	Number of Section 59 Notices Where RMP Required
1	0

6.3. Provide the number of instances the RMO received a notice and/or copy of the PI that states the PI conforms to SDWT policies.

SDWT	Prescribed Instrument
0	N/A

6.4. Provide the number of inspections for prohibited activities

Total Inspections for Prohibited Activities	Properties Inspected for Prohibited Activities	Properties Where Prohibited Activities Were Taking Place
0	0	0

6.5. Provide the number of inspections for activities requiring a risk management plan

Total Inspections for Activities Requiring an RMP	Total Properties Inspected Where an RMP is in Place	Properties Inspected that were in Contravention of their RMP
1	1	0

6.6. RMO tools and resources evaluation

Tool / Resource		Comments and Suggestions
Source Protection Interactive Mapping Tool	<input checked="" type="checkbox"/>	Assists both Durham and area municipality in locating properties of interest and determining policy requirements.
Risk Management Official Forum	<input type="checkbox"/>	
Resource Catalogue / Campaign in a Box toolkit	<input checked="" type="checkbox"/>	Assisted in development of E&O materials.



Education & Outreach webinar	<input checked="" type="checkbox"/>	Assisted in development of E&O materials.
Education & Outreach community of practice	<input type="checkbox"/>	
Guidance Materials (fact sheets, information bulletins)	<input checked="" type="checkbox"/>	Assisted in development of E&O materials.
MECP Training (e.g., RMO Certification, property entry)	<input checked="" type="checkbox"/>	Reference material
OMAFRA/OFEC information sessions	<input checked="" type="checkbox"/>	Assisted with development of agricultural materials and establishing dialogue.
Other: Please Specify:	<input checked="" type="checkbox"/>	Source Water Protection table of threats and circumstances tool aids in threat verification.

6.7. Provide a list of SDWT. See appendix A for a detailed summary of SDWT by type.

Municipality or Township	Zone	Score	Threat Type
Uxville	WHPA-A	10	Waste Disposal Site
Uxville	WHPA-A	10	DNAPL
Uxville	WHPA-A	10	Organic Solvent

## 7. Legislated Annual Reporting Requirements as per Section 81 Clean Water Act, 2006 and Section 65 O.Reg 287/07

7.1. Risk Management Plans Agreed to Under Section 58(5) of CWA

#	Township	WHPA or IPZ	SDWT Activity
0	-	-	-

7.2. Risk Management Plans Established by Order Under Section 58(10) Of CWA

#	Township	WHPA or IPZ	SDWT Activity
0	-	-	-

7.3. Risk Management Plans Established by Order Under Section 58(12) Of CWA

#	Township	WHPA or IPZ	SDWT Activity	Reason for Refusal
0	-	-	-	-

7.4. Risk Management Plans RMO Refused to Agree to or Establish Under Section 58(16) or Section 58(15) of CWA

#	Township	WHPA or IPZ	SDWT Activity	Circumstances
0	-	-	-	-

7.5. Orders Issued by RMO Under Part IV of CWA

#	Township	WHPA or IPZ	SDWT Activity	Circumstances
0	-	-	-	-

7.6. Notices Received from a Person Engaged in an Activity, Notifying RMO of Their Possession/Intent to Obtain Prescribed Instrument Under Section 61(2) & (7) Of CWA

#	Township	WHPA or IPZ	SDWT Activity	Prescribed Instrument
0	-	-	-	-

7.7. Notices Issued by RMO Under Section 61(6) & (8) of CWA Notifying a Person Engaged in a SDWT Activity of the Termination of an Exemption Under Section 61(1)

#	Township	WHPA or IPZ	SDWT Activity	Prescribed Instrument
0	-	-	-	-

7.8. Section 61 (1) Exemptions Granted

#	Township	WHPA or IPZ	SDWT Activity	Prescribed Instrument
0	-	-	-	-

7.9. Inspections Carried Out Under a Risk Management Plan

#	Township	WHPA or IPZ	SDWT Activity
1	Uxville	WHPA-A	Waste Disposal Site, DNAPL, Organic Solvent

7.10. Inspections Resulting in Non-Compliance with a Risk Management Plan

#	Township	WHPA or IPZ	SDWT Activity
0	-	-	-

7.11. Inspections Conducted on Prohibited Activities

#	Township	WHPA or IPZ	SDWT Activity
0	-	-	-

7.12. Cases Where Prohibited Activities Were Being Engaged in During Inspections

Description of Circumstances
N/A

7.13. Risk Assessments Submitted, Accepted and Not Accepted Under Section 60

#	Township	WHPA or IPZ	SDWT Activity
0	-	-	-

7.14. Instances Where RMO Caused a Thing to be Done Under Section 64 of CWA

#	Township	WHPA or IPZ	SDWT Activity
0	-	-	-

7.15. Prosecutions Made Under Section 106 of CWA

#	Township	WHPA or IPZ	SDWT Activity
0	-	-	-

7.16. Prosecutions Made Under Section 106 of CWA Resulting in Conviction

#	Township	WHPA or IPZ	SDWT Activity
0	-	-	-

## 8. Septic Re-Inspection Program

Item	Description
Required Inspections	Uxville (3)
Lead Authority	Greg Annis, Manager, Durham Region Environmental Health, Chief Building Official.
Inspection Protocol	A visual inspection is conducted on the property and the site is recorded by GPS then entered into a database. If a potential malfunction of the septic system is detected, then further inspection is conducted.
Inspection Progress	Re-inspections conducted in 2021. Due again in 2026.

## 9. Source Protection Plan Policy Reporting Requirements

### 9.1. RMO Policy Reporting Requirements

SDWT	Policy ID	Status	Details
General	GEN-1	In Progress	The Durham Region Official Plan, which includes source water protection land use policies, has been adopted by Regional Council and is currently with the Province for approval.
Waste	WST-1	Complete	One RMP negotiated to date to deal with disposal of waste oil and lubricants. Best management practices in place prior to RMP included safe handling, spill prevention and response and staff training. Property owner provided with source water overview to include in on site staff training.
Waste	WST-6	Not Applicable	No PCB storage or disposal threats.
Agricultural Source Material	ASM-2	Not Applicable	No ASM application threats.
Agricultural Source Material	ASM-4	Not Applicable	No ASM storage threats.
Non-Agricultural Source Material	NASM-1	Not Applicable	No NASM application threats.
Non-Agricultural Source Material	NASM-2	Not Applicable	No NASM storage threats.
Livestock Grazing	LIV-1	Not Applicable	No livestock grazing threats.
Livestock Grazing	LIV-3	Not Applicable	No outdoor confinement or farm-animal yard threats.
Fertilizer	FER-2	Not Applicable	No application of fertilizer threats.

Fertilizer	FER-3	Not Applicable	No handling and storage of fertilizer threats.
Pesticide	PES-1	Not Applicable	No application of pesticide threats.
Pesticide	PES-2	Not Applicable	No handling and storage of pesticide threats.
Road Salt	SAL-1	Not Applicable	No application of road salt threats.
Road Salt	SAL-2	Not Applicable	No application of road salt threats.
Road Salt	SAL-7	Not Applicable	No handling of road salts threats.
Snow Storage	SNO-1	Not Applicable	No storage of snow threats.
Fuel	FUEL-3	Not Applicable	No fuel threats.
DNAPL	DNAP-1	Complete	One RMP negotiated to deal with potential DNAPLs. Best management practices in place prior to RMP included safe handling, spill prevention and response, and staff training. Property owner provided with source water overview to include in staff training.
Organic Solvent	OS-1	Complete	One RMP negotiated to deal with organic solvents. Best management practices in place prior to RMP included safe handling, spill prevention and response, and staff training. Property owner provided with source water overview to include in staff training.
Recharge	REC-2	Complete	No quantity threats identified.

## 9.2. Municipality Policy Reporting Requirements

SDWT	Policy ID	Status	Details
General	GEN-1	In Progress	The Durham Region Official Plan, which includes source water protection land use policies, has been adopted by Regional Council and is currently with the Province for approval.
General	GEN-2	Complete	One RMP established. Annual inspections to be conducted to ensure conformity.
General	GEN-5	Complete	Cost of septic inspections was covered by the Region. Completed in 2021 and due again in 2026.
General	GEN-7	Not Applicable	Only applicable in ICA.
General	GEN-8	In Progress	Municipality has engaged and provided E&O materials to properties with significant threats. Low and moderate threats targeted for distribution in 2024.
Waste	WST-2	Complete	Exempt wastes have not been found to date.
Sewage	SWG-1	Complete	Septic inspection program completed in 2021.
Sewage	SWG-2	Complete	E&O materials developed in collaboration with area municipalities. To be delivered as needed.
Sewage	SWG-6	Complete	Regional council passed amendment to by-law #89-2003 requiring mandatory connection on October 23, 2019.
Sewage	SWG-7	Not Applicable	Only applicable in ICA.

Fertilizer	FER-4	Not Applicable	No fertilizer threats.
Pesticide	PES-4	Not Applicable	No pesticide threats.
Road Salt	SAL-8	Not Applicable	No significant road salt threats.
Fuel	FUEL-4	Not Applicable	No fuel threats.
DNAPL	DNAP-2	Complete	E&O materials developed in collaboration with area municipalities. To be delivered as needed.
Organic Solvent	OS-2	Complete	E&O materials developed in collaboration with area municipalities. To be delivered as needed.
Lake Ontario	LO-G-3	In Progress	Phase 1 of the Lake Ontario Water Quality Forecasting System has been completed. The system is currently operational, with data validation completed in 2022. Phase 2 work is currently underway which includes improvements to model calibration and tributary time of travel, as well as the incorporation of ECO lab and additional lake monitoring equipment. Cybersecurity and functional enhancements were made to the application in 2024 as part of the Phase 2 work.
Demand	DEM-4	Complete	Water conservation plan finalized in April 2020.
Demand	DEM-5	Complete	E&O materials developed in collaboration with area municipalities. To be delivered as needed.
Demand	DEM-9	Complete	Water sources outside WHPA-Q1 to reduce quantity demand have been assessed.
Recharge	REC-3	Complete	Screening tool developed to assist with property and threat verification. E&O materials developed in collaboration with local municipalities. Incentives have been reviewed and determined they are not needed.

9.3. Planning Approval Authority Policy Reporting Requirements

SDWT	Policy ID	Status	Details
Waste Disposal Site	WST-5	In Progress	The Durham Regional Official Plan included all relevant source protection land use planning policies in 2024. As of January 1, 2025, Durham Region is no longer a planning approval authority. Implementation of the Land Use Planning policies of the Source Protection Plans will be the responsibility of the area municipalities.
Sewage	SWG-3	In Progress	
Sewage	SWG-4	In Progress	
Sewage	SWG-9	In Progress	
Sewage	SWG-12	In Progress	
Sewage	SWG-14	In Progress	
Sewage	SWG-16	In Progress	
Sewage	SWG-18	In Progress	
Road Salt	SAL-3	In Progress	
Demand	DEM-2	In Progress	
Recharge	REC-1	In Progress	

## Appendix A

Significant Drinking Water Threats	A	B	C	D	Remaining SDWTs to be Addressed (A+B-C=D)
The establishment, operation, or maintenance of a waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> .	3		2	1	0
The establishment, operation or maintenance of a system that collects, stores, transmits, treats, or disposes of sewage.	6			6	0
The application of agricultural source material to land.					
The storage of agricultural source material					
The management of agricultural source material					
The application of non-agricultural source material to land					
The handling and storage of non-agricultural source material					
The application of commercial fertilizer to land					
The handling and storage of commercial fertilizer					
The application of pesticide to land					
The handling and storage of pesticide					
The application of road salt					
The handling and storage of road salt					
The storage of snow					
The handling and storage of fuel	1		1		0
The handling and storage of a dense non-aqueous phase liquid	3		2	1	0
The handling and storage of an organic solvent	1			1	0
The management of runoff that contains chemicals used in the de-icing of aircraft					
The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard O. Reg. 385/08, Section 3.					
Water taking from an aquifer without returning the water to the same aquifer or surface water body					
Reducing recharge of an aquifer					
<b>Total</b>	<b>14</b>		<b>5</b>	<b>9</b>	<b>0</b>

A = Original estimate of SDWT in the Approved Assessment Report

B = Additional SDWT identified after SPP approved as a result of field verification

C = SDWT 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 at the location

D = SDWT addressed through policy implementation.

**Attachment #2 to Report #2025-INFO-11**

The Regional Municipality of Durham

Risk Management Official Annual Report

South Georgian Bay Lake Simcoe Source Protection Region

January 1, 2024 – December 31, 2024



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## 1. List of Abbreviations and Acronyms

AR	Assessment Report
ASM	Agricultural Source Material
BMP	Best Management Practice
CA	Conservation Authority
CWA	Clean Water Act, 2006
DNAPL	Dense Non-Aqueous Phase Liquid
E&O	Education and Outreach
ID	Identification
IPZ	Intake Protection Zone
MECP	Ministry of the Environment, Conservation, and Parks
OFEC	Ontario Farm Environmental Coalition
OMAFRA	Ontario Ministry of Agriculture, Food and Rural Affairs
PI	Prescribed Instrument
RMI	Risk Management Inspector
RMM	Risk Management Measures
RMO	Risk Management Official
RMP	Risk Management Plan
SDWT	Significant Drinking Water Threat
SPA	Source Protection Authority
WHPA	Wellhead Protection Area

## 2. Report Information

Name of Municipality	The Regional Municipality of Durham
Source Protection Authority	South Georgian Bay Lake Simcoe
Water Supply Systems	Cannington, Sunderland, Uxbridge
SPA Staff Contact	Bill Thompson
Submitted by	Tavis Nimmo, Risk Management Official
Date Submitted	January 31, 2025

## 3. Annual Report

This annual report is provided in accordance with Section 81 of the *Clean Water Act, 2006*. It outlines the activities undertaken by the Regional Municipality of Durham in 2024 that were required by legislation as well as a summary of progress to date in implementing the Source Protection Plan.

## 4. Risk Management Officials, Inspectors and Training

RMO/RMI require renewal course every five years.

Name	Title	RMO/RMI Training Date	Property Entry Training Date
Shelly Cuddy	Risk Management Official	September 2023	August 2023
Tavis Nimmo	Risk Management Official	December 2021	December 2021
Colin Hall	Risk Management Inspector	September 2022	September 2022
Maureen Bianchet	Risk Management Inspector	November 2024	February 2024
Ashley Brettell	Risk Management Inspector	November 2024	November 2024
Carly Graham	Risk Management Inspector	November 2022	November 2022

## 5. Risk Management Office

5.1. Provide an overview of work planned for 2025.

Item	Description
Threat Verification	Threat verification will be completed once the new wellhead protection area and issue contributing area maps receive Provincial approval.
RMPs	Risk management plans will be negotiated, if required once the new wellhead protection area and issue contributing area maps receive Provincial approval.
E&O	Staff will continue distributing education and outreach materials in areas with low and moderate threat levels.
Application Review and Section 59 Notices	Continue to review Planning Act/Building Permit applications.
Incentives	Reviewed and determined there is no need for incentives in this period.

**6. Annual Progress Report as per Section 46(1) Clean Water Act, 2006 and Section 52(1) O.Reg 287/07**

6.1. Provide an update for applicable RMO implementer policies

SDWT	Policy Number	Status	Existing Percent Complete
Waste Disposal Site	WAST(b)-1,2	Complete	100
Sewage	SEWG(b)-1	Complete	100
Agriculture	ASM(App)-1,2 ASM(Store)-1,2	In Progress	75
Fertilizer	FERT(App)-1 FERT(H&S)-1,2	Complete	100
Pesticide	PEST(App)-1 PEST(H&S)-1,2	In Progress	75
Fuel	FUEL-1,2	Complete	100
DNAPL	DNAPL-1,2	Complete	100
Organic Solvents	SOLV-1	Complete	100
Livestock Grazing	LSTOCK-1,2,3	Complete	100
Restricted Land Use	RLU-1	Complete	100

6.2. Provide the number and type of Section 59 notices issued. The risk management office reviews planning/building applications in vulnerable areas to determine if potential land use activities pose a threat to the quality or quantity of municipal drinking water sources.

Number of Section 59 Notices Where no Prohibition or no RMP Required	Number of Section 59 Notices Where RMP Required
1	0

6.3. Provide the number and type of any prescribed instrument the RMO received in order to conform to a SDWT policy.

SDWT	Prescribed Instrument
0	N/A

6.4. Provide the number of inspections for prohibited activities

Total Inspections for Prohibited Activities	Properties Inspected for Prohibited Activities	Properties Where Prohibited Activities Were Taking Place
0	0	0

6.5. Provide the number of inspections for activities requiring a risk management plan

Total Inspections for Activities Requiring an RMP	Total Properties Inspected Where an RMP is in Place	Properties Inspected that were in Contravention of their RMP
1	1	0

6.6. RMO tools and resources evaluation

Tool / Resource		Comments and Suggestions
Source protection Interactive Mapping Tool	<input checked="" type="checkbox"/>	Assists both Durham and area municipality in locating properties impacted by source water protection.
Risk Management Official Forum	<input type="checkbox"/>	
Resource Catalogue / Campaign in a Box toolkit	<input checked="" type="checkbox"/>	Assisted in development of E&O materials.
Education & Outreach webinar	<input checked="" type="checkbox"/>	Assisted in development of E&O materials.
Education & Outreach community of practice	<input type="checkbox"/>	
Guidance Materials (fact sheets, information bulletins)	<input checked="" type="checkbox"/>	Assisted in development of E&O materials.
MECP Training (e.g., RMO Certification, property entry)	<input checked="" type="checkbox"/>	Reference material
OMAFRA/OFEC information sessions	<input checked="" type="checkbox"/>	Assisting with development of agricultural materials and establishing dialogue
Other: Please Specify:	<input checked="" type="checkbox"/>	Source Water Protection table of threats and circumstances tool aids in threat verification.

**7. Legislated Annual Reporting Requirements as per section 81 Clean Water Act, 2006 and section 65 O.Reg 287/07**

7.1. Risk Management Plans Agreed to Under Section 58(5) of CWA

#	Township	WHPA or IPZ	SDWT Activity
0	-	-	-

7.2. Risk Management Plans Established by Order Under Section 58(10) Of CWA

#	Township	WHPA or IPZ	SDWT Activity
0	-	-	-

7.3. Risk Management Plans Established by Order Under Section 58(12) Of CWA

#	Township	WHPA or IPZ	SDWT Activity	Reason for Refusal
0	-	-	-	-

7.4. Risk Management Plans RMO Refused to Agree to or Establish Under Section 58(16) or Section 58(15) of CWA

#	Township	WHPA or IPZ	SDWT Activity	Circumstances
0	-	-	-	-

7.5. Orders Issued by RMO Under Part IV of CWA

#	Township	WHPA or IPZ	SDWT Activity	Circumstances
0	-	-	-	-

7.6. Notices Received from a Person Engaged in an Activity, Notifying RMO of Their Possession/Intent to Obtain Prescribed Instrument Under Section 61(2) & (7) Of CWA

#	Township	WHPA or IPZ	SDWT Activity	Prescribed Instrument
0	-	-	-	-

7.7. Notices Issued by RMO Under Section 61(6) & (8) of CWA Notifying a Person Engaged in a SDWT Activity of the Termination of an Exemption Under Section 61(1)

#	Township	WHPA or IPZ	SDWT Activity	Prescribed Instrument
0	-	-	-	-

7.8. Section 61 (1) Exemptions Granted

#	Township	WHPA or IPZ	SDWT Activity	Prescribed Instrument
0	-	-	-	-

7.9. Inspections Carried Out Under a Risk Management Plan

#	Township	WHPA or IPZ	SDWT Activity
1	Cannington	WHPA-B	Waste Disposal Site, DNAPL, Organic Solvent

7.10. Inspections Resulting in Non-Compliance with a Risk Management Plan

#	Township	WHPA or IPZ	SDWT Activity
0	-	-	-

7.11. Inspections Conducted on Prohibited Activities

#	Township	WHPA or IPZ	SDWT Activity
0	-	-	-

7.12. Cases Where Prohibited Activities Were Being Engaged in During Inspections

Description of Circumstances
N/A

7.13. Risk Assessments Submitted, Accepted and Not Accepted Under Section 60

#	Township	WHPA or IPZ	SDWT Activity
0	-	-	-

7.14. Instances Where RMO Caused a Thing to be Done Under Section 64 of CWA

#	Township	WHPA or IPZ	SDWT Activity
0	-	-	-

7.15. Prosecutions Made Under Section 106 of CWA

Description
N/A

7.16. Prosecutions Made Under Section 106 of CWA Resulting in Conviction

Description
N/A

## 8. Septic System Inspection Program

Item	Description
Required Inspections	Uxbridge (1) Sunderland (2) Cannington (17)
Lead Authority	Greg Annis, Manager, Durham Region Environmental Health, Chief Building Official.
Inspection Protocol	A visual inspection is conducted on the property and the site is recorded by GPS then entered into a database. If a potential malfunction of the septic system is detected, then further inspection is conducted.
Inspection Progress	Re-inspections conducted in 2021. Due again in 2026.

## 9. Source Protection Plan Policy Reporting Requirements

### 9.1. RMO Policy Reporting Requirements

SDWT	Policy Number	Status	Details
Waste Disposal Site	WAST(b)- 1	Complete	One RMP negotiated to date to deal with disposal of waste oil and lubricants. Best management practices in place prior to RMP included safe handling, spill prevention and response and staff training. Property owner provided with source water overview in order to include in on site staff training.
Waste Disposal Site	WAST(b)- 2	Not Applicable	No future threats seen through planning/building permit application.
Sewage	SEWG(b) -1	Not Applicable	No SDWTs requiring RMP in 2024.
Agricultural Source Material	ASM(App)-1	In Progress	Threat verification to be completed in 2025. RMPs to be negotiated in 2025 pending approval of the new WHPA and ICA by the Province.
Agricultural Source Material	ASM(App)-2	Not Applicable	No future threats.
Agricultural Source Material	ASM(Store)-1	Not Applicable	No existing storage threats.
Agricultural Source Material	ASM(Store)-2	Not Applicable	No future storage threats.
Non-agricultural Source Material	NASM(App)-1	Not Applicable	No NASM threats.

SDWT	Policy Number	Status	Details
Non-agricultural Source Material	NASM(App)-2	Not Applicable	
Non-agricultural Source Material	NASM(H&S)-1	Not Applicable	
Non-agricultural Source Material	NASM(H&S)-2	Not Applicable	
Fertilizer	FERT(App)-1	Not Applicable	No fertilizer threats.
Fertilizer	FERT(H&S)-1	Not Applicable	No handling and storage threats.
Fertilizer	FERT(H&S)-2	Not Applicable	
Pesticides	PEST(App)-1	In Progress	RMPs to be negotiated in 2025 pending approval of the new WHPA and ICA by the Province.
Pesticides	PEST(H&S)-1	Not Applicable	No handling and storage threats.
Pesticides	PEST(H&S)-2	Not Applicable	
Road Salt	SALT(App)-1	Not Applicable	No application threats in vulnerable areas.
Road Salt	SALT(H&S)-1	Not Applicable	No handling and storage threats.
Snow Storage	SNOW-1	Not Applicable	No snow threats.
Snow Storage	SNOW-2	Not Applicable	No snow threats.
Fuel	FUEL-1	Complete	No fuel threats found through verification efforts.
Fuel	FUEL-2	Not Applicable	No threats found in 2024.
Dense Non-Aqueous Phase Liquids	DNAPL-1	Complete	No DNAPL threats remain.
Dense Non-Aqueous Phase Liquids	DNAPL-2	Not Applicable	No threats found in 2024.
Organic Solvents	SOLV-1	Complete	No organic solvent threats remain.
Livestock Grazing	LSTOCK-1	In Progress	Threat verification to be completed in 2025. RMPs to be negotiated in 2025 pending approval of the new WHPA and ICA by the Province



SDWT	Policy Number	Status	Details
Livestock Grazing	LSTOCK-2	Not Applicable	No outdoor confinement areas or farm animal yard threats.
Livestock Grazing	LSTOCK-3	Not Applicable	No outdoor confinement areas or farm animal yard threats.
Restricted Land Use	RLU-1	In Progress	The Durham Regional Official Plan included all relevant source protection land use planning policies in 2024. As of January 1, 2025, Durham Region is no longer a planning approval authority. Implementation of the Land Use Planning policies of the Source Protection Plans will be the responsibility of the area municipalities.

## 9.2. Municipality Policy Reporting Requirements

SDWT	Policy Number	Status	Details
Waste Disposal Site	WAST(b)- 5	Complete	The Region will continue to promote the safe disposal of household hazardous waste material.
Sewage	SEWG(b) -5	Complete	Durham Region Sewer Use By-law #55-2013 does not permit cross connections. Durham also has no combined sewer overflows.
Sewage	SEWG(c)- 3	Complete	Region council passed amendment to by-law #89-2003 requiring mandatory connection on October 23, 2019
Sewage	SEWG(c)- 4	Not Applicable	Area municipality responsibility.
Road Salt	SALT(H&S)- 2	Not Applicable	No handling and storage threats.
Fuel	FUEL-4	Not Applicable	Area municipality responsibility through property standards by-law.
Organic Solvents	SOLV-2	Complete	No threats found in 2024.
Demand	DEMD-3	Complete	Water conservation plan finalized in April 2020.
E&O	EDU-11	Complete	Signage installed prior to plan approval.
Incentive	INCENT- 3	Not Applicable	Area municipality responsibility.
Incentive	INCENT- 4	Not Applicable	Area municipality responsibility.

### 9.3. Planning Approval Authority Policy Reporting Requirements

SDWT	Policy Number	Status	Details
Land Use Planning	LUP-1	In Progress	The Durham Regional Official Plan included all relevant source protection land use planning policies in 2024. As of January 1, 2025, Durham Region is no longer a planning approval authority. Implementation of the Land Use Planning policies of the Source Protection Plans will be the responsibility of the area municipalities.
	LUP-2	In Progress	
	LUP-3	In Progress	
	LUP-4	In Progress	
	LUP-5	In Progress	
	LUP-6	In Progress	
	LUP-7	In Progress	
	LUP-8	In Progress	
	LUP-10	In Progress	
	LUP-11	In Progress	
	LUP-12	In Progress	
	LUP-13	In Progress	
	LUP-15	In Progress	

## Appendix A

Significant Drinking Water Threats	A	B	C	D	Remaining SDWTs to be Addressed (A+B-C-D)
The establishment, operation, or maintenance of a waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> .	1			1	0
The establishment, operation or maintenance of a system that collects, stores, transmits, treats, or disposes of sewage.	21	2	2	21	0
The application of agricultural source material to land.	11	0	6	2	3
The storage of agricultural source material					
The management of agricultural source material					
The application of non-agricultural source material to land					
The handling and storage of non-agricultural source material					
The application of commercial fertilizer to land		2	2		0
The handling and storage of commercial fertilizer					
The application of pesticide to land	9	0	5	2	2
The handling and storage of pesticide					
The application of road salt					
The handling and storage of road salt					
The storage of snow					
The handling and storage of fuel	27	1	5	23	0
The handling and storage of a dense non-aqueous phase liquid	15	1	15	1	0
The handling and storage of an organic solvent	1	3	3	1	0
The management of runoff that contains chemicals used in the de-icing of aircraft					
The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard O. Reg. 385/08, Section 3.		3	1		2
Water taking from an aquifer without returning the water to the same aquifer or surface water body					
Reducing recharge of an aquifer					
<b>Total</b>	<b>85</b>	<b>12</b>	<b>39</b>	<b>51</b>	<b>7</b>

A = Original estimate of SDWT in the Approved Assessment Report

B = Additional SDWT identified after SPP approved as a result of field verification

C = SDWT 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 at the location

D = SDWT addressed through policy implementation

**Attachment #3 to Report #2025-INFO-11**

The Regional Municipality of Durham  
Risk Management Official Annual Report  
Trent Conservation Coalition Source Protection Region  
January 1, 2024 – December 31, 2024

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## 1. List of Abbreviations and Acronyms

AR	Assessment Report
BMP	Best Management Practices
CA	Conservation Authority
CWA	Clean Water Act, 2006
DNAPL	Dense Non-Aqueous Phase Liquid
E&O	Education and Outreach
ID	Identification
IPZ	Intake Protection Zone
MECP	Ministry of the Environment, Conservation, and Parks
OFEC	Ontario Farm Environmental Coalition
OMAFRA	Ontario Ministry of Agriculture, Food and Rural Affairs
PI	Prescribed Instrument
RMI	Risk Management Inspector
RMM	Risk Management Measures
RMO	Risk Management Official
RMP	Risk Management Plan
SDWT	Significant Drinking Water Threat
SPA	Source Protection Authority
WHPA	Wellhead Protection Area

## 2. Report Information

Name of Municipality	The Regional Municipality of Durham
Source Protection Authority	Trent Conservation Coalition Source Protection Region
Water Systems	Blackstock, Greenbank, Port Perry, Orono, Newcastle
SPA Staff Contact	Keith Taylor
Submitted By	Tavis Nimmo, Risk Management Official
Date Submitted	January 31, 2025

## 3. Annual Report

This annual report is provided in accordance with Section 81 of the *Clean Water Act, 2006*. It outlines the activities undertaken by the Regional Municipality of Durham in 2024 that were required by legislation as well as a summary of progress to date in implementing the Source Protection Plan.

## 4. Risk Management Officials, Inspectors and Training

RMO/RMI require renewal course every five years.

Name	Title	RMO/RMI Training Date	Property Entry Training Date
Shelly Cuddy	Risk Management Official	September 2023	August 2023
Tavis Nimmo	Risk Management Official	December 2021	December 2021
Colin Hall	Risk Management Inspector	September 2022	September 2022
Maureen Bianchet	Risk Management Inspector	November 2024	February 2024
Ashley Brettell	Risk Management Inspector	November 2024	November 2024
Carly Graham	Risk Management Inspector	November 2022	November 2022
Shelly Cuddy	Risk Management Official	September 2023	August 2023

## 5. Risk Management Office

5.1. Provide an overview of work planned for 2025.

Item	Description
Threat Verification	Threat verification complete.
RMPs	RMPs complete.
E&O	Staff will continue distributing Education and Outreach materials in areas with low and moderate threat levels.
Application Review and Section 59 Notices	Continue to review Planning Act/Building Permit applications.
Incentives	Reviewed opportunities and no incentives are required due to completion of RMPs.

**6. Annual Progress Report as per Section 46(1) Clean Water Act, 2006 and Section 52(1) O.Reg 287/07**

6.1. Provide an update for applicable policy implementation

SDWT Type	Policy ID	Status	Existing Percent Complete
Sewage Systems	S-9; S-10	Complete	100
Agriculture	A-1(1-3); A-4(1-3)	Complete	100
Fuel	F-1; F-2(1-2)	Complete	100

6.2. Provide the number and type of Section 59 notices issued. The risk management office reviews planning/building applications in vulnerable areas to determine if potential land use activities pose a threat to the quality or quantity of municipal drinking water sources.

Number of Section 59 Notices Where No Prohibition or No RMP Required	Number of Section 59 Notices Where RMP Required
0	0

6.3. Provide the number and type of prescribed instrument the RMO received in order to conform to a SDWT policy.

SDWT	Prescribed Instrument
0	N/A

6.4. Provide the number of inspections for prohibited activities

Total Inspections for Prohibited Activities	Properties Inspected for Prohibited Activities	Properties Where Prohibited Activities Were Taking Place
0	0	0

6.5. Provide the number of inspections for activities requiring a risk management plan

Total Inspections for Activities Requiring an RMP	Total Properties Inspected Where an RMP is in Place	Properties Inspected that were in Contravention of their RMP
5	5	0

6.6. RMO tools and resources evaluation

Tool / Resource		Comments and Suggestions
Source protection Interactive Mapping Tool	<input checked="" type="checkbox"/>	Assists both Durham and area municipality in locating properties impacted by source water protection.
Risk Management Official Forum	<input type="checkbox"/>	
Resource Catalogue / Campaign in a Box toolkit	<input checked="" type="checkbox"/>	Assisted in development of E&O materials.
Education & Outreach webinar	<input checked="" type="checkbox"/>	Assisted in development of E&O materials.
Education & Outreach community of practice	<input type="checkbox"/>	



Guidance Materials (fact sheets, information bulletins)	<input checked="" type="checkbox"/>	Assisted in development of E&O materials.
MECP Training (e.g., RMO Certification, property entry)	<input checked="" type="checkbox"/>	Reference Material
OMAFRA/OFEC information sessions	<input checked="" type="checkbox"/>	Assisted with development of agricultural materials and establishing dialogue.
Other: Please Specify:	<input checked="" type="checkbox"/>	Source Water Protection table of threats and circumstances tool aids in threat verification.

**7. Legislated Annual Reporting Requirements as per Section 81 Clean Water Act, 2006 and Section 65 O.Reg 287/07**

7.1. Risk Management Plans to Date Agreed to Under Section 58(5) of CWA

#	Township	WHPA or IPZ	SDWT Activity
1	Port Perry	WHPA-A	Fuel Storage
2	Port Perry	WHPA-A	Use of Land for Livestock Grazing
3	Newcastle	IPZ-2	Fuel Storage
4	Greenbank	WHPA-A	ASM Application, Fertilizer Application
5	Greenbank	WHPA-A	Use of Land for Livestock Grazing
6	Orono	WHPA-A	Pesticide Application
7	Greenbank	WHPA-A	ASM Application, Fertilizer Application, Pesticide Application
8	Greenbank	WHPA-A	Fertilizer Application

7.2. Risk Management Plans Established by Order Under Section 58(10) Of CWA

#	Township	WHPA or IPZ	SDWT Activity
0	-	-	-

7.3. Risk Management Plans Established by Order Under Section 58(12) Of CWA

#	Township	WHPA or IPZ	SDWT Activity	Reason for Refusal
0	-	-	-	-

7.4. Risk Management Plans RMO Refused to Agree to or Establish Under Section 58(16) or Section 58(15) of CWA

#	Township	WHPA or IPZ	SDWT Activity	Circumstances
0	-	-	-	-

7.5. Orders Issued by RMO Under Part IV of CWA

#	Township	WHPA or IPZ	SDWT Activity	Circumstances
0	-	-	-	-

7.6. Notices Received from a Person Engaged in an Activity, Notifying RMO of Their Possession/Intent to Obtain Prescribed Instrument Under Section 61(2) & (7) Of CWA

#	Township	WHPA or IPZ	SDWT Activity	Prescribed Instrument
0	-	-	-	-

7.7. Notices Issued by RMO Under Section 61(6) & (8) of CWA Notifying a Person Engaged in a SDWT Activity of the Termination of an Exemption Under Section 61(1)

#	Township	WHPA or IPZ	SDWT Activity	Prescribed Instrument
0	-	-	-	-

7.8. Section 61 (1) Exemptions Granted

#	Township	WHPA or IPZ	SDWT Activity	Prescribed Instrument
0	-	-	-	-

7.9. Inspections Carried Out Under a Risk Management Plan

#	Township	WHPA or IPZ	SDWT Activity
1	Port Perry	WHPA-A	Fuel
2	Port Perry	WHPA-A	Livestock Grazing. No response. Staff will continue inspections efforts during first quarter of 2025.
3	Newcastle	IPZ-2	Fuel.
4	Greenbank	WHPA-A	ASM Application, Fertilizer Application
5	Greenbank	WHPA-A	Livestock Grazing
6	Orono	WHPA-A	Pesticide Application. No response. Staff will continue inspection efforts during first quarter of 2025.
7	Greenbank	WHPA-A	ASM Application, Fertilizer Application, Pesticide Application. No response. Staff will continue inspection efforts during first quarter of 2025
8	Greenbank	WHPA-A	Fertilizer Application. No response. Staff will continue inspection efforts during first quarter of 2025

7.10. Inspections Resulting in Non-Compliance with a Risk Management Plan

#	Township	WHPA or IPZ	SDWT Activity
0	-	-	-

7.11. Inspections Conducted on Prohibited Activities

#	Township	WHPA or IPZ	SDWT Activity
0	-	-	-

7.12. Cases Where Prohibited Activities Were Being Engaged in During Inspections

Description of Circumstances
N/A

7.13. Risk Assessments Submitted, Accepted and Not Accepted Under Section 60

#	Township	WHPA or IPZ	SDWT Activity
0	-	-	-

7.14. Instances Where RMO Caused a Thing to be Done Under Section 64 of CWA

#	Township	WHPA or IPZ	SDWT Activity
0	-	-	-

7.15. Prosecutions Made Under Section 106 of CWA

Description
N/A

7.16. Prosecutions Made Under Section 106 of CWA Resulting in Conviction

Description
N/A

**8. Septic System Inspection Program**

Item	Description
Required Inspections	Blackstock (5) Greenbank (17) Port Perry (3)
Lead Authority	Greg Annis, Manager, Durham Region Environmental Health, Chief Building Official.
Inspection Protocol	A visual inspection is conducted on the property and the site is recorded by GPS then entered into a database. If a potential malfunction of the septic system is detected, then further inspection is conducted.
Inspection Progress	Re-inspections conducted in 2021. Due again in 2026.

**9. Source Protection Plan Reporting Requirements**

9.1. RMO Reporting Requirements

Type	Policy No.	Status	Details
General	G-8(1)	Complete	Implementation of source protection plan and negotiation of RMPs complete.
General	G-8(2)	Complete	Prioritization and negotiation of RMPs complete.
General	G-8(3)	Complete	The miscellaneous provisions required by this policy have been established in the RMP process.
Sewage	S-9	Complete	
Sewage	S-10	Not Applicable	Section 59 screening tool will be used for future threat verification.
Agriculture	A-1(1)	Complete	RMPs complete.
Agriculture	A-1(2)	Complete	Applicable prescribed instruments will be considered, as appropriate.
Agriculture	A-1(3)	Not Applicable	No handling and storage of pesticide threats present.
Agriculture	A-4(1)	Not Applicable	No future threats.
Agriculture	A-4(2)	Not Applicable	No future threats.
Agriculture	A-4(3)	Not Applicable	No future threats.
Fuel	F-1	Not Applicable	No future threats.
Fuel	F-2(1)	Complete	Fuel threat RMPs have been negotiated and established.

Type	Policy No.	Status	Details
Fuel	F-2(2)	Complete	Annual inspection required as part of negotiated RMP.
Road Salt	R-1(1)	Not Applicable	No road salt threats.
Road Salt	R-1(2)	Not Applicable	No road salt application threats.
Road Salt	R-5	Not Applicable	No road salt storage threats.
Road Salt	R-6	Not Applicable	No road salt storage threats.
Waste Disposal Site	W-3	Not Applicable	No waste disposal site threats.
Waste Disposal Site	W-4(1)	Not Applicable	No waste disposal site threats.
Waste Disposal Site	W-4(2)	Not Applicable	No waste disposal site threats.
DNAPL	D-1	Not Applicable	No DNAPL threats.
DNAPL	D-2	Not Applicable	No DNAPL threats.
DNAPL	D-3(1)	Not Applicable	No DNAPL threats.
DNAPL	D-3(2)	Not Applicable	No DNAPL threats.
NASM	N-2	Not Applicable	No NASM application, storage or handling threats.
NASM	N-3	Not Applicable	No NASM application, storage or handling threats.
Snow Storage	O-1(3)	Not Applicable	No snow storage threats.
Snow Storage	O-2	Not Applicable	No snow storage threats.
Aquaculture	Q-1	Not Applicable	No aquaculture threats.
Aquaculture	Q-2	Not Applicable	No aquaculture threats.
Aircraft De-icing	P-1(1)	Not Applicable	No De-icing threats.
Aircraft De-icing	P-1(4)	Not Applicable	No De-icing threats.
Monitoring for Nitrate	I-1	Not Applicable	Blackstock Well 1 decommissioned to eliminate nitrate issue. Groundwater from MW8 continues to be monitored for nitrates, results are listed in the annual water quality report.

## 9.2. Municipality Reporting Requirements

Type	Policy No.	Status	Details
General	G-3(1)	Not Applicable	No properties purchased in 2024.
General	G-5(1)	Complete	Source water overview materials developed in collaboration with area municipalities. Additional targeted material developed to address low and moderate threats. E&O policy.

Type	Policy No.	Status	Details
General	G-5(2)	Complete	Source water overview materials developed in collaboration with area municipalities. Additional targeted material developed to address low and moderate threats.
General	G-5(3)	Complete	Durham taking lead role in E&O.
General	G-5(4)	Complete	Durham taking lead role in E&O.
General	G-5(5)	Complete	E&O program continues to be developed, existing materials include fact sheets and BMPs to eliminate threats to drinking water, this includes existing and future fuel threats.
General	G-5(6)	Complete	Targeted materials developed. Materials include fact sheets and BMPs to eliminate threats to drinking water; this includes existing and future fuel threats.
General	G-6(3)	Complete	Signs installed prior to plan approval.
General	G-11(1)	Complete	All emergency response plans updated.
Sewage	S-1(1)	Complete	Septic inspections completed in 2021. Due again in 2026.
Sewage	S-4(1)	Complete	Regional council passed amendment to by-law #89-2003 requiring mandatory connection on October 23, 2019.
Sewage	S-6(1)	Complete	Emergency response plan updated.
Sewage	S-6(3)	Complete	Maintenance and asset management activities have been assessed and completed.
Sewage	S-8(2)	Not Applicable	Area municipality responsible for stormwater management.
Snow Storage	O-1(1)	Not Applicable	No snow storage threats.
Snow Storage	O-1(2)	Not Applicable	No snow storage threats.
Transportation Corridors	OT-1(1)	Complete	Spill response plan updated.
Transportation Corridors	OT-1(2)	Complete	Response plan reviewed and updated as needed annually.
Transport Pathways	OT-2(1)	Complete	Targeted materials developed. Materials include fact sheets and BMPs to eliminate threats to drinking water.
Transport Pathways	OT-2(2)	Complete	Regional council passed amendment to by-law #89-2003 to eliminate transport pathways on October 23, 2019.
Pipeline	L-2(8)	Complete	Spills response plan located at all plants and maintenance depots. Also available online in the Regions Integrated Management System. Includes notification of all applicable parties in the event of a spill.

Pipeline	L-2(9)	Complete	Spills response for pipeline rupture updated to include source water protection.
Pipeline	L-2(10)	Complete	No activation of emergency response plan in 2024.
Pipeline	L-2(11)	Complete	Emergency response plans reviewed annually and updated as needed.
Water Quantity Demand	Y-1(6)	Complete	Water conservation plan finalized in April 2020.

### 9.3. Planning Approval Authority Reporting Requirements

Type	Policy No.	Status	Details
General	G-7(2)	In Progress	The Durham Regional Official Plan included all relevant source protection land use planning policies in 2024. As of January 1, 2025, Durham Region is no longer a planning approval authority. Implementation of the Land Use Planning policies of the Source Protection Plans will be the responsibility of the area municipalities.
General	G-10(1)	In Progress	
Sewage	S-3(2)	In Progress	
Sewage	S-4(3)	In Progress	
Sewage	S-5(1)	In Progress	
Sewage	S-7(1)	In Progress	
Road Salt	R-4(3)	In Progress	
Waste	W-2(2)	In Progress	
Water Quantity	Y-1(2)	In Progress	
Water Quantity	Z-1	In Progress	

## Appendix A

Significant Drinking Water Threats	A	B	C	D	Remaining SDWTs to be Addressed (A+B-C=D)
The establishment, operation, or maintenance of a waste disposal site within the meaning of Part V of the <i>Environmental Protection Act</i> .					
The establishment, operation or maintenance of a system that collects, stores, transmits, treats, or disposes of sewage.	88	1	64	25	0
The application of agricultural source material to land.	8		5	3	0
The storage of agricultural source material	1		1		0
The management of agricultural source material					
The application of non-agricultural source material to land	1		1		0
The handling and storage of non-agricultural source material					
The application of commercial fertilizer to land	63		60	3	0
The handling and storage of commercial fertilizer	1		1		0
The application of pesticide to land	7		4	3	0
The handling and storage of pesticide	1		1		0
The application of road salt					
The handling and storage of road salt					
The storage of snow					
The handling and storage of fuel	34	2	34	2	0
The handling and storage of a dense non-aqueous phase liquid	2		2		0
The handling and storage of an organic solvent					
The management of runoff that contains chemicals used in the de-icing of aircraft					
The use of land as livestock grazing or pasturing land, an outdoor confinement area or a farm-animal yard O. Reg. 385/08, Section 3.	1	2	1	2	0
Water taking from an aquifer without returning the water to the same aquifer or surface water body					
Reducing recharge of an aquifer					
<b>Total</b>	<b>207</b>	<b>5</b>	<b>174</b>	<b>38</b>	<b>0</b>

A = Original estimate of SDWT in the Approved Assessment Report

B = Additional SDWT identified after SPP approved as a result of field verification

C = SDWT 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 at the location

D = SDWT addressed through policy implementation

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 3540.



# The Regional Municipality of Durham Information Report

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From: Commissioner of Works  
Report: #2025-INFO-12  
Date: February 7, 2025

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**Subject:**

Innovation, Science and Economic Development (ISED) Mandated Changes to Radio Frequency Spectrum Use in Canada and Required Changes to The Regional Municipality of Durham's Supervisory Control and Data Acquisition Wide Area Radio Network

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**Recommendation:**

Receive for information.

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**Report:**

**1. Purpose**

- 1.1 To update Regional Municipality of Durham (Region) Council and residents on required changes to the operation and architecture of the Region's Supervisory Control and Data Acquisition (SCADA) Wide Area Radio Communications Network (WAN).
- 1.2 Amounts followed by an asterisk (\*) are exclusive of applicable taxes.

**2. Background**

- 2.1 The current Region's Water SCADA WAN, covering over 67 sites, was constructed between 2011 and 2014. The purpose of the system is to maintain data communications between all active water supply facilities and the Water Operations control centre at the Ajax Water Supply Plant (WSP). This network facilitates the communication of all critical supervisory and operational data for



operational use and mandated compliance reporting to the Ministry of Environment, Conservation and Parks (MECP).

- 2.2 The current Region's Water SCADA WAN uses a mix primarily of 3.65 giga hertz (GHz) and 18 GHz band Radio Frequency (RF) point to point and point to multi-point connections, based on a ring backhaul design and leveraging the Durham Region Police Service (DRPS) network. This network has a current limitation of 10 mega bite (MB) of available bandwidth and a limited number of 900 mega hertz (MHz) radio links.
- 2.3 As of May 2021, the Federal Government issued a legislative mandate requiring existing users to move from the 3.65 GHz band. They have provided a four-year grace period as a part of the grandfathered plan. Consequently, the Region requested the assistance of Eramosa Engineering to perform a full WAN assessment and provide recommendations on how the Region should proceed.
- 2.4 In March 2025, the Innovation, Science and Economic Development (ISED), an arm of the Federal Government, will terminate the Region's access to the 3.65GHz radio spectrum. Replacement SCADA communications are required for all active SCADA sites before this cutoff date.

### **3. WAN Assessment Recommendations**

- 3.1 As part of Eramosa's Water SCADA WAN assessment, it was recommended that the final WAN upgrade topology will utilize multiple communication media, as implementing a single solution across all Region facilities is neither feasible nor realistic. The upgrades will also include media redundancies, as requested by Water Operations, to address compliance requirements. The options, in order of preference and pending availability are Durham OneNet (DONi) Fibre Optic Network, 5.8GHz Radio, Third-Party Internet Service Provider (ISP), and Cellular Access Point Name (APN).
- 3.2 Negotiations have been ongoing with DONi to provide dark fibre connections at all Water SCADA sites. However, DONi cannot provide connections to all water sites until Q1 of 2026, although some sites could be ready in early 2025. Therefore, the decision was made to install Bell's Internet Protocol Virtual Private Network (IPVPN) system at the South and East water sites, as Bell can meet the required dates for installation, ensuring that Water SCADA communications will not be affected by the loss of the 3.65GHz spectrum.

- 3.3 A minimum 3-year contract has been established with Bell for the installation/upgrade of the IPVPN system. Over the next three years the Bell network will be decommissioned and replaced with the Region-owned DONi private fibre network.
- 3.4 Additionally, priority is being given to the installation of Bell's IPVPN WAN network over the replacement of 3.65GHz radio infrastructure with 5.8GHz radio systems due to the lack of time leading up to the ISED-mandated spectrum cutoff date. Eramosa will be designing the move to 5.8GHz and preparing the project documentation needed to tender the required work.

#### **4. Next Steps**

- 4.1 Preparations for the early shutdown of 3.65GHz spectrum radios in the less active areas of the North of Durham will begin in February with early replacements of 3.65GHz radios and antennas with 5.8GHz systems for several more critical links prior to the end of March 2025 and ahead of the installation of the DONi dark fibre links. Rollout of Bell's IPVPN network in the South and East areas of Durham will begin in early February.

#### **5. Financial Implications**

- 5.1 Eramosa Engineering Inc. has been retained to provide engineering consulting services for feasibility analysis, preliminary and detail design, excluding construction administration services, at a fee of \$452,954.23\*
- 5.2 The gross cost for the consulting assignment and construction services will be funded from 2025 Capital Budget Item #249 – Replacement of Wireless WAN Frequency (Project ID: D2124). The work is estimated at \$4,200,000.00\*

#### **6. Relationship to Strategic Plan**

- 6.1 This report aligns with/addresses the following strategic goals and priorities in the Durham Region Strategic Plan:
- a. Environmental Sustainability – Protect, preserve and restore the natural environment, including green spaces, waterways, parks, trails and farmlands.
  - b. Enhance community safety and well-being.
  - c. Optimize resources and partnerships to deliver exceptional quality service and value.

**7. Conclusion**

- 7.1 Ongoing efforts by Supervisory Control and Data Acquisition Division staff and resources will prevent any loss of communication within the Water Supervisory Control and Data Acquisition Wide Area Radio Communications Network brought on by the Innovation, Science and Economic Development mandated spectrum changes.
- 7.2 For additional information, contact: Mike Hubble, Director, Environmental Services, at 905-668-7711 extension 3460.
- 7.3 Prepared by: Tyler Wilson, Manager, SCADA, at 905-668-7711, extension 3117.

Respectfully submitted

**Original signed by Christine Dunkley,  
Director of Corporate Infrastructure and  
Strategic Business Services, for**

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Ramesh Jagannathan, MBA, M.Eng., P.Eng., PTOE  
Commissioner of Works



# Interoffice Memorandum

**Date:** February 7, 2025

**To:** Health & Social Services Committee

**From:** Dr. Robert Kyle

**Subject:** Health Information Update – February 2, 2025

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Health  
Department

Please find attached the latest links to health information from the Health Department and other key sources that you may find of interest. Links may need to be copied and pasted directly in your web browser to open, including the link below.

You may also wish to browse the online Health Department Reference Manual available at [Board of Health Manual](#), which is continually updated.

Boards of health are required to “superintend, provide or ensure the provision of the health programs and services required by the [Health Protection and Promotion] Act and the regulations to the persons who reside in the health unit served by the board” (section 4, clause a, HPPA). In addition, medical officers of health are required to “[report] directly to the board of health on issues relating to public health concerns and to public health programs and services under this or any other Act” (sub-section 67.(1), HPPA).

Accordingly, the Health Information Update is a component of the Health Department’s ‘Accountability Framework’, which also may include program and other reports, Health Plans, Quality Enhancement Plans, Durham Health Check-Ups, business plans and budgets; provincial performance indicators and targets, monitoring, compliance audits and assessments; RDPS certification; and accreditation by Accreditation Canada.

Respectfully submitted,

Original signed by

R.J. Kyle, BSc, MD, MHSc, CCFP, FRCPC, FACPM  
Commissioner & Medical Officer of Health

*“Service Excellence  
for our Communities*

**UPDATES FOR HEALTH & SOCIAL SERVICES COMMITTEE**  
**February 2, 2025**

**Health Department Media Releases/Publications**

**[tinyurl.com/38rb8955](https://tinyurl.com/38rb8955)**

- KI tablets available for all area residents and businesses located near nuclear generating stations (Jan 21)

**[tinyurl.com/y7v6ma88](https://tinyurl.com/y7v6ma88)**

- Updated Treatment for Uncomplicated Gonococcal Infections (Jan 21)

**[tinyurl.com/ycy7erv8](https://tinyurl.com/ycy7erv8)**

- “What’s Up Doc?”, Vol 17, No 4 (Jan 30)

**GOVERNMENT OF CANADA**

**Agriculture and Agri-Food Canada**

**[tinyurl.com/4zsmb3ex](https://tinyurl.com/4zsmb3ex)**

- Minister MacAulay announces 10 organizations to deliver the School Food Infrastructure Fund to help strengthen food security in communities across Canada (Jan 31)

**Health Canada**

**[tinyurl.com/56xvvnht](https://tinyurl.com/56xvvnht)**

- Government of Canada signs bilateral agreement with Ontario for Drugs for Rare Diseases (Jan 24)

**[tinyurl.com/489kvmjw](https://tinyurl.com/489kvmjw)**

- Federal Provincial Territorial Health Ministers’ Meeting (Jan 30)

**[tinyurl.com/mr3jd28j](https://tinyurl.com/mr3jd28j)**

- Health Canada publishes proposed changes to increase oversight for precursor chemicals and drug equipment (Jan 30)

**Parks Canada**

**[tinyurl.com/4ve32822](https://tinyurl.com/4ve32822)**

- Government of Canada Announces Intent to significantly expand Rouge National Urban Park (Jan 27)

**Public Health Agency of Canada**

**[tinyurl.com/tjt3d8hc](https://tinyurl.com/tjt3d8hc)**

- Statement from the Chief Public Health Officer of Canada on Measles and the Risk to Canadians (Jan 29)

## **GOVERNMENT OF ONTARIO**

### **Ministry of Energy and Electrification**

[tinyurl.com/579f5uhy](https://tinyurl.com/579f5uhy)

- Ontario Advancing Plan to Refurbish Pickering Nuclear Generating Station (Jan 23)

### **Ministry of Health**

[tinyurl.com/39jztzxd](https://tinyurl.com/39jztzxd)

- Ontario Connecting More People to Treatment for Rare Diseases (Jan 24)

[tinyurl.com/6jd3zjcd](https://tinyurl.com/6jd3zjcd)

- Ontario Investing Over \$1.8 Billion to Connect Every Person in Ontario to a Family Doctor and Primary Care Teams (Jan 27)

[tinyurl.com/2a45upuz](https://tinyurl.com/2a45upuz)

- Ontario Building Safer Communities With 18 Additional Homelessness and Addiction Recovery Treatment Hubs (Jan 27)

### **Premier's Office**

[tinyurl.com/yfc9ejtb](https://tinyurl.com/yfc9ejtb)

- Ontario Welcomes \$820 Million Investment in the Life Sciences Sector (Jan 23)

[tinyurl.com/zeenhc9c](https://tinyurl.com/zeenhc9c)

- Ontario Building Canada's First Dedicated Post-Traumatic Stress Injury Treatment Centres for First Responders (Jan 24)

## **OTHER ORGANIZATIONS**

### **Association of Local Public Health Agencies**

[tinyurl.com/ykkym7wj](https://tinyurl.com/ykkym7wj)

- Public Health Matters (Jan 28)

### **Canada Health Infoway**

[tinyurl.com/2s7renyx](https://tinyurl.com/2s7renyx)

- Seven Acute Hospitals in Central East Ontario Partner to Expand PrescribeIT Access Across Their Region (Jan 28)

### **Canadian Centre for Occupational Health and Safety**

[tinyurl.com/y3y3kznb](https://tinyurl.com/y3y3kznb)

- Free Toolkit to Support Mental Health in the Workplace (Jan 23)

### **Canadian Medical Association**

[tinyurl.com/4494pdke](https://tinyurl.com/4494pdke)

- New CMA survey links lack of access to health care to growing health misinformation risks (Jan 21)

[tinyurl.com/ykfssda8](https://tinyurl.com/ykfssda8)

- CMA alarmed by Alberta pandemic task force report (Jan 27)

**[tinyurl.com/5n7japb6](https://tinyurl.com/5n7japb6)**

- Ground-breaking new report reveals Canada can't train enough doctors and health professionals. Unless we dramatically change how we do things. (Jan 31)

**[tinyurl.com/27uyvbn6](https://tinyurl.com/27uyvbn6)**

- Feds listening to Canadian doctors' concerns on capital gains, CMA welcomes deferral of measures (Jan 31)

**Financial Accountability Office of Ontario**

**[tinyurl.com/d2scwby7](https://tinyurl.com/d2scwby7)**

- FAO releases report on the financial impact of expanding Ontario's beverage alcohol marketplace (Jan 27)

**Quebec Coalition for Tobacco Control**

**[tinyurl.com/2uy5t99r](https://tinyurl.com/2uy5t99r)**

- National Non-Smoking Week: Ottawa needs to clean up the youth vaping mess it created – not profit from it (Jan 22)

**Registered Nurses' Association of Ontario**

**[tinyurl.com/8tpp7hdb](https://tinyurl.com/8tpp7hdb)**

- RNAO outlines nursing, health system and housing priorities at Ontario budget meeting (Jan 24)

**[tinyurl.com/yc6ucwre](https://tinyurl.com/yc6ucwre)**


- RNAO welcomes commitment to attach every Ontarian to a family physician or NP working in a primary care team (Jan 27)

File: 03-05

February 4, 2025

**DELIVERED BY EMAIL**
[clerks@durham.ca](mailto:clerks@durham.ca)

Region of Durham

 Corporate Services Department Legislative Services Division	
Date & Time Received:	February 04, 2025 1:25 pm
Original To:	CIP
Copies To:	
Take Appropriate Action	<input type="checkbox"/> File <input type="checkbox"/>
Notes/Comments:	

**Re: Request to declare Intimate Partner Violence (IPV) an Epidemic (CNCL-25-05)**

Oshawa City Council considered the above matter at its meeting of January 27, 2025, and adopted the following resolution concerning a Notice of Motion to declare Intimate Partner Violence (IPV) an Epidemic:

“Whereas intimate partner violence (IPV) is physical, sexual and emotional abuse and aggression that occurs in an intimate relationship; and,

Whereas every six days a woman is killed in Canada by her intimate partner; and,

Whereas one in five women experience some form of abuse in their intimate relationship; and,

Whereas on the morning of September 22, 2015, in Ottawa’s Renfrew County, Carol Culleton, Anastasia Kuzyk and Nathalie Warmerdam were murdered by a former partner; and,

Whereas on June 28, 2022, a five-person jury established as part of a coroner’s inquest into the events of September 22, 2015; Renfrew County delivered recommendations in a unanimous verdict on the deaths of three local women, who were killed by their former partner on a single morning in 2015; the City of Ottawa, Renfrew County, and Lanark County have passed motions declaring an IPV epidemic, and acknowledging the 86 recommendations in the Renfrew County Inquest; and,

Whereas on April 26, 2023, the Region of Durham adopted a resolution declaring IPV an epidemic and is in the process of integrating IPV into Region’s Community Safety and Well-Being Plan, and the local municipalities of Clarington, Whitby, and Ajax and the Ontario’s Big City Mayors Caucus and Mayors and Regional Chairs of Ontario along with many other municipalities in Ontario have adopted similar resolutions in 2023 and 2024; and,

Whereas specific legislation addressing family and domestic violence has been passed by six provinces and three territories; however, Ontario has not implemented this type of legislation; and,

Whereas the Violence Prevention Coordination Council of Durham (VPCC), which represents 35 local agencies, have seen a significant increase in demand for assistance from local IPV support providers. In the fiscal year 2021-22, Durham Victim

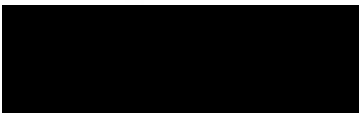


Services supported 4,438 victims of Intimate Partner Violence, up 32% over four years and supported 916 victims of Sexual Violence, up 277% over four years,

Therefore be it resolved:

1. That the Council of the City of Oshawa affirms that IPV is an epidemic and urges the Ontario Government to declare an IPV epidemic, as per recommendation #1 of the Renfrew County Inquest; and,
2. That the Council of the City of Oshawa supports the Region of Durham declaration of IPV as an epidemic and the integration of IPV into the Region's Community Safety and Well-Being Plan, as per recommendation #10 of the Renfrew County Inquest; and,
3. That this motion be distributed to MPP Jennifer French and MPP Todd McCarthy, the Ministry of the Attorney General, the Provincial Office of Women's Social and Economic Opportunity, Durham Region municipalities, and the Association of Municipalities of Ontario."

If you need further assistance concerning the above matter, please contact Laura Davis, Manager, Legislative Services/Deputy City Clerk at the address listed below or by telephone at 905-436-3311.



Laura Davis  
Manager, Legislative Services/Deputy City Clerk  
/KC

Cc: Region of Durham  
Town of Whitby  
Municipality of Clarington  
Town of Ajax  
Township of Brock  
Township of Scugog  
Township of Uxbridge  
MPP Jennifer French  
MPP Todd McCarthy  
Ministry of the Attorney General  
Provincial Office of Women's Social and Economic Opportunity  
Association of Municipalities of Ontario


File: 03-05

February 4, 2025

**DELIVERED BY EMAIL** - clerks@durham.ca

Region of Durham

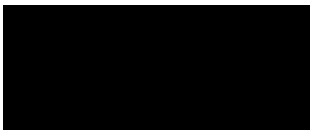
**Re: E-mobility Pilot Program (All Wards) (ED-25-14)**

 Corporate Services Department Legislative Services Division	
Date & Time Received:	February 04, 2025 2:09 pm
Original To:	CIP
Copies To:	
Take Appropriate Action	<input type="checkbox"/> File <input type="checkbox"/>
Notes/Comments:	

Oshawa City Council considered the above matter at its meeting of January 27, 2025, and adopted the following resolution concerning the E-mobility Pilot Program:


1. "That electric kick-scooters continue to be permitted for use in the City of Oshawa as part of the Province's pilot program which was extended for an additional five (5) years or from 2025 to 2029 in accordance with Ontario Regulation 389/19: Pilot Project – Electric Kick-Scooters, as well as the City's skateboards and Bicycles By-law 78-91, as amended, Traffic and Parking By-law 79-99, as amended, and Parks and Facilities By-law 83-2000, as amended; and
2. That Council extend the pilot period of the E-mobility program for a further 30 months to June 2027; and
3. That staff implement the key modifications as set out in Section 4.3.1 of the said Report; and
4. That staff provide a detailed Report on the program in Q2 of 2027; and
5. That a copy of this Report be forwarded to Durham Region, Durham Regional Police Services, Durham College, Ontario Tech University and Trent University Durham GTA."

If you need further assistance concerning the above matter, please contact Anthony Ambra, Commissioner, Economic and Development Services Department at the address listed below or by telephone at 905-436-3311.



Laura Davis  
Manager, Legislative Services/Deputy City Clerk  
/KC

Cc: Economic and Development Services Department  
Region of Durham  
Durham College  
Ontario Tech University  
Trent University Durham  
Durham Regional Police Services

 Corporate Services Department Legislative Services Division	
Date & Time Received:	January 31, 2025 11:29 am
Original To:	CIP
Copies To:	
Take Appropriate Action	<input type="checkbox"/> File <input type="checkbox"/>
Notes/Comments:	



**The Corporation of the  
County of Northumberland**  
555 Courthouse Road  
Cobourg, ON, K9A 5J6



# Northumberland County Council Resolution

**SENT VIA EMAIL**

**January 31, 2025**

Honourable Andrea Khanjin (Minister of Environment, Conservation and Parks)  
 Honourable Peter Bethlenfalvy (Minister of Finance)  
 Honourable David Piccini (Minister of Labour, Immigration, Training and Skills Development and MPP for Northumberland Peterborough-South)  
 Association of Municipalities of Ontario (AMO)  
 All Ontario Municipalities

**Re: Correspondence, Municipality of St. Charles 'Deposit Return Program'**

At a meeting held on January 22, 2025 Northumberland County Council approved Council Resolution # 2025-01-22-035, adopting the below recommendation from the January 6, 2025 Public Works Committee meeting:

**Moved by:** Councillor Mandy Martin  
**Seconded by:** Councillor John Logel

"**That** the Public Works Committee, having considered correspondence from the Municipality of St. Charles regarding 'Deposit Return Program' recommend that County Council support this correspondence; and

**Further That** the Committee recommend that County Council direct staff to send a copy of this resolution to the Honourable Andrea Khanjin (Minister of Environment, Conservation and Parks), the Honourable Peter Bethlenfalvy (Minister of Finance), the Honourable David Piccini (Minister of Labour, Immigration, Training and Skills Development and MPP for Northumberland Peterborough-South), the Association of Municipalities of Ontario (AMO), and all Ontario Municipalities."

**Council Resolution # 2025-01-22-035**

**Carried**

If you have any questions regarding this matter, please do not hesitate to contact the undersigned at [matherm@northumberland.ca](mailto:matherm@northumberland.ca) or by telephone at 905-372-3329 ext. 2238.

Sincerely,  
 Maddison Mather



Manager of Legislative Services / Clerk  
 Northumberland County

# Council Resolution

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Moved By \_\_\_\_\_ [Redacted]

Agenda  
Item 10

Resolution Number  
2025-01-22- 035

Seconded By \_\_\_\_\_ [Redacted]

Council Date: January 22, 2025

**“That** Council adopt all recommendations from the three Standing Committees, as contained within the Committee Minutes (meetings held January 6 and 8, 2025).”

Recorded Vote  
Requested by \_\_\_\_\_  
Councillor’s Name

Carried [Redacted]  
Warden’s Signature

Deferred \_\_\_\_\_  
Warden’s Signature

Defeated \_\_\_\_\_  
Warden’s Signature

## Public Works Committee Resolution

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**Committee Meeting Date:** January 6, 2025

**Agenda Item:** 7.b

**Resolution Number:** 2025-01-06-004

**Moved by:** B. Ostrander

**Seconded by:** J. Logel

**Council Meeting Date:** January 22, 2025

---

"That the Public Works Committee, having considered correspondence from the Municipality of St. Charles regarding 'Deposit Return Program' recommend that County Council support this correspondence; and

**Further That** the Committee recommend that County Council direct staff to send a copy of this resolution to the Honourable Andrea Khanjin (Minister of Environment, Conservation and Parks), the Honourable Peter Bethlenfalvy (Minister of Finance), the Honourable David Piccini (Minister of Labour, Immigration, Training and Skills Development and MPP for Northumberland Peterborough-South), the Association of Municipalities of Ontario (AMO), and all Ontario Municipalities."

**Carried**   
Committee Chair's Signature

**Defeated** \_\_\_\_\_  
Committee Chair's Signature

**Deferred** \_\_\_\_\_  
Committee Chair's Signature

The Corporation of the Municipality of St. Charles  
RESOLUTION PAGE



Regular Meeting of Council

**Agenda Number:** 8.2.  
**Resolution Number** 2024-403  
**Title:** Resolution Stemming from October 16, 2024 Regular Meeting of Council - Item 8.1 - Correspondence #4  
**Date:** November 20, 2024

---

**Moved by:** Councillor Loftus  
**Seconded by:** Councillor Lachance

**BE IT RESOLVED THAT Council for the Corporation of the Municipality of St.-Charles hereby supports the letter dated September 20, 2024 by the Town of Bradford West Gwillimbury, regarding the Ontario Deposit Return Program;**  
**AND BE IT FURTHER RESOLVED THAT a copy of this Resolution be sent to the Minister of the Environment, Conservation and Parks, Andrea Khanjin; the Minister of Finance, Peter Bethlenfalvy; the Association of Municipalities of Ontario (AMO); our local Member of Provincial Parliament (MPP); and all Ontario Municipalities.**

  
MAYOR

CARRIED

September 20, 2024

**BY E-MAIL**

Hon. Andrea Khanjin, Minister of the Environment, Conservation and Parks  
5th Floor  
777 Bay St.  
Toronto, ON M7A 2J3

Dear Minister Khanjin:

### **Ontario Deposit Return Program**

---

I hope this letter finds you well. I am writing to formally address the recent discussions surrounding the Ontario Deposit Return Program, particularly regarding our community residents asking us about the recycling of nonalcoholic beverage plastics.


Whereas the Ontario Deposit Return Program has successfully incentivized the recycling of alcoholic beverage containers, resulting in the removal of over 204,000 tonnes of greenhouse gas emissions, we recognize the potential for similar success with nonalcoholic beverages.

The Ministry of the Environment, Conservation and Parks highlighted in their June 2023 letter that they are considering the adoption of a deposit-and-return system for nonalcoholic beverages. This initiative presents a unique opportunity to further promote recycling, reduce litter, and encourage sustainable practices among consumers.

Therefore, I am proud to announce that our Council endorses the expansion of the Ontario Deposit Return Program to include nonalcoholic beverage containers. We believe that this expansion will not only enhance environmental stewardship but also foster a culture of sustainability within our community.

We encourage all stakeholders to support this initiative and work collaboratively towards its implementation. Together, we can make a significant impact on our environment and set a positive example for future generations.

Yours truly,


  
Mayor James Leduc  
Town of Bradford West Gwillimbury

CC:

Hon. Peter Bethlenfalvy, Minister of Finance  
Hon. Caroline Mulroney, Member of Provincial Parliament for York-Simcoe  
MPP Sandy Shaw, Opposition Environment, Conservation and Parks Critic  
Ontario's Municipal Councils and Conservation Authorities



# The Town of The Blue Mountains Council Meeting

 Corporate Services Department Legislative Services Division	
Date & Time Received:	February 04, 2025 8:41 am
Original To:	CIP
Copies To:	
Take Appropriate Action	<input type="checkbox"/> File <input type="checkbox"/>
Notes/Comments:	

**Title:** Tom Mrakas, Mayor, Town of Aurora  
**Date:** Monday, January 27, 2025

**Moved by:** Councillor Ardiel  
**Seconded by:** Deputy Mayor Bordignon

THAT Council of the Town of The Blue Mountains receives and supports the correspondence of Tom Mrakas, Mayor, Town of Aurora Re: November 5, 2024 Resolution regarding request of the redistribution of the Provincial Land Transfer Tax and GST to municipalities for Sustainable Infrastructure Funding as noted below:

Whereas municipalities face growing infrastructure needs, including roads, bridges, public transit, water systems, and other critical services, which are essential to community well-being and economic development; and

Whereas the current sources of municipal revenue, including property taxes and user fees, are insufficient to meet these increasing demands for infrastructure investment; and

Whereas the Province of Ontario currently collects the Land Transfer Tax (LTT) on property transactions in municipalities across the province, generating significant revenue that is not directly shared with municipalities; and

Whereas the Federal Government collects the Goods and Services Tax (GST) on property transactions, a portion of which could be directed to municipalities to address local infrastructure needs; and

Whereas redistributing a portion of the Provincial Land Transfer Tax and GST to municipalities would provide a predictable and sustainable source of funding for local infrastructure projects without creating a new tax burden on residents or homebuyers; and

Whereas a redistribution of a portion of the existing Land Transfer Tax and GST would allow municipalities to better plan and invest in long-term infrastructure initiatives, supporting local economic growth and improving the quality of life for residents;

1. Now Therefore Be It Hereby Resolved That Aurora Town Council formally requests the Provincial Government to consider redistributing a portion of the Land Transfer Tax collected on property transactions to municipalities; and
2. Be It Further Resolved That Aurora Town Council calls on the Federal Government to allocate a percentage of the GST collected on property sales to municipalities; and
3. Be It Further Resolved That this redistribution of the Land Transfer Tax and GST should be structured to provide predictable and sustainable funding to municipalities, allowing for better long-term planning and investment in infrastructure projects that benefit local communities, thus ensuring that local governments receive a fair share of the revenue to address critical infrastructure needs; and
4. Be It Further Resolved That copies of this resolution be forwarded to Prime Minister Justin Trudeau, Premier Doug Ford, the Ontario Minister of Finance, the Minister of Municipal Affairs and Housing, local Members of Parliament (MPs) and Members of Provincial Parliament (MPPs); and
5. Be It Further Resolved That copies of this resolution be forwarded to all 444 Municipalities in Ontario, the Federation of Canadian Municipalities (FCM), and the Association of Municipalities of Ontario (AMO) for their endorsement and advocacy.

AND THAT Council directs staff to circulate the resolution to the 444 Municipalities in Ontario, the Federation of  
 Page 68 of 107



Canadian Municipalities (FCM), and the Association of Municipalities of Ontario (AMO), and local MP and MPP offices, for their endorsement and advocacy.

**YES: 7**

**NO: 0**

**CONFLICT: 0**

**ABSENT: 0**

**The motion is Carried**

**YES: 7**

Mayor Matrosovs  
Councillor Maxwell

Deputy Mayor Bordignon  
Councillor McKinlay

Councillor Ardiel  
Councillor Porter

Councillor Hope

**NO: 0**

**CONFLICT: 0**

**ABSENT: 0**

From: De Bartolo, Betty <[BDeBartolo@aurora.ca](mailto:BDeBartolo@aurora.ca)> on behalf of Mrakas, Tom <[TMrakas@aurora.ca](mailto:TMrakas@aurora.ca)>  
Sent: Friday, December 6, 2024 6:26:10 PM  
To: Mrakas, Tom <[TMrakas@aurora.ca](mailto:TMrakas@aurora.ca)>  
Subject: Follow-Up: Join Over 50 Municipalities Supporting Sustainable Funding for Our Communities

Dear Elected Official,

I'm reaching out again regarding the motion calling on the province to redistribute part of the Land Transfer Tax and the federal government to share a portion of the GST on new home sales. This initiative is critical to securing predictable and sustainable funding for our municipalities, enabling us to address infrastructure needs without over-reliance on property taxes.

I'm pleased to share that over 50 municipalities have already passed this motion, demonstrating widespread support for this important cause. As a result, you may soon notice resolutions related to this initiative appearing on your agenda from other municipalities.

If your Council has not yet adopted this motion, I strongly encourage you to introduce it for consideration. Standing together as municipalities across the province will amplify our message to the Provincial and Federal Governments and show them the urgency and unity behind this request.

Thank you again to those who have already passed the motion. Your leadership is helping pave the way for meaningful change. For those still considering, I have attached a copy of the motion. If you have any question, I would be happy to answer any questions to assist you.

Together, we can ensure a stronger financial future for all our municipalities.

Regards,

Tom Mrakas

Mayor Town of Aurora

416-543-1624



Confidentiality Note: The information contained in this communication is confidential and is intended only for the use of the individual or entity to whom it is addressed. The contents of this communication may be subject to legal privilege, and all rights of that privilege are expressly

claimed and not waived. This communication may also contain information exempt from disclosure under the Municipal.Freedom.of.Information.and.Protection.of.Privacy.Act. Any distribution, use or copying of this communication, or the information it contains, by anyone including the intended recipient, is unauthorized unless consent is received. If you have received this communication in error, please notify me immediately and destroy the communication without making a copy. Thank you.



100 John West Way  
Aurora, Ontario  
L4G 6J1  
(905) 727-3123  
aurora.ca

Town of Aurora

## Member Motion

Mayor's Office

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**Re:** Request the Redistribution of the Provincial Land Transfer Tax and GST to Municipalities for Sustainable Infrastructure Funding

**To:** Members of Council

**From:** Mayor Tom Mrakas

**Date:** November 5, 2024

---

Whereas municipalities face growing infrastructure needs, including roads, bridges, public transit, water systems, and other critical services, which are essential to community well-being and economic development; and

Whereas the current sources of municipal revenue, including property taxes and user fees, are insufficient to meet these increasing demands for infrastructure investment; and

Whereas the Province of Ontario currently collects the Land Transfer Tax (LTT) on property transactions in municipalities across the province, generating significant revenue that is not directly shared with municipalities; and

Whereas the Federal Government collects the Goods and Services Tax (GST) on property transactions, a portion of which could be directed to municipalities to address local infrastructure needs; and

Whereas redistributing a portion of the Provincial Land Transfer Tax and GST to municipalities would provide a predictable and sustainable source of funding for local infrastructure projects without creating a new tax burden on residents or homebuyers; and

Whereas a redistribution of a portion of the existing Land Transfer Tax and GST would allow municipalities to better plan and invest in long-term infrastructure initiatives, supporting local economic growth and improving the quality of life for residents;

1. Now Therefore Be It Hereby Resolved That Aurora Town Council formally requests the Provincial Government to consider redistributing a portion of the Land Transfer Tax collected on property transactions to municipalities; and

2. Be It Further Resolved That Aurora Town Council calls on the Federal Government to allocate a percentage of the GST collected on property sales to municipalities; and
3. Be It Further Resolved That this redistribution of the Land Transfer Tax and GST should be structured to provide predictable and sustainable funding to municipalities, allowing for better long-term planning and investment in infrastructure projects that benefit local communities, thus ensuring that local governments receive a fair share of the revenue to address critical infrastructure needs; and
4. Be It Further Resolved That copies of this resolution be forwarded to Prime Minister Justin Trudeau, Premier Doug Ford, the Ontario Minister of Finance, the Minister of Municipal Affairs and Housing, local Members of Parliament (MPs) and Members of Provincial Parliament (MPPs); and
5. Be It Further Resolved That copies of this resolution be forwarded to all 444 Municipalities in Ontario, the Federation of Canadian Municipalities (FCM), and the Association of Municipalities of Ontario (AMO) for their endorsement and advocacy.




# The Corporation of the Town of Cobourg

# Resolution

Honourable Doug Ford, Premier of Ontario  
Premier of Ontario  
Legislative Building  
Queen's Park  
Toronto, ON M7A 1A1

**Delivered via email**  
Doug.fordco@pc.ola.org  
premier@ontario.ca

 Corporate Services Department Legislative Services Division	
Date & Time Received:	February 03, 2025 8:48 am
Original To:	CIP
Copies To:	
Take Appropriate Action	<input type="checkbox"/> File <input type="checkbox"/>
Notes/Comments:	

Town of Cobourg  
55 King Street West,  
Cobourg, ON, K9A 2M2  
[clerk@cobourg.ca](mailto:clerk@cobourg.ca)

January 31, 2025

RE: Correspondence received from Northumberland County regarding the Municipal Restructuring Study

Please be advised that the Town of Cobourg Council, at its meeting held on January 29, 2025, passed the following resolution:

WHEREAS Cobourg Council understands that the Northumberland tax base is having difficulties with the constant increase in municipal taxes from both the upper and lower tier municipalities; and

WHEREAS the Council acknowledges the need to explore service rationalization, restructuring, and potential amalgamation within Northumberland County to enhance efficiency and service delivery; and

WHEREAS any study undertaken must provide a comprehensive and balanced approach to ensure that all viable options are fairly considered in determining the best governance and financial structure for all of our communities; and

WHEREAS the town of Cobourg tax base makes up 23% of the Northumberland County tax levy and the town of Cramahe contributes just 6% while both having a single vote at the County of Northumberland Council table unless it is a recorded vote; and

WHEREAS in addition to the options of restructuring and amalgamation, a third alternative must be evaluated, namely the potential dilution of the upper-tier government that could allow for the direct allocation of provincial funding to lower-tier municipalities enhancing the local decision-making process and allowing for fiscal autonomy of the various communities.

NOW THEREFORE BE IT RESOLVED THAT the Cobourg Council expresses its support and significant interest in the pursuing a study on service rationalization, restructuring, and amalgamation of Northumberland County; and that a third option, be included in the study and that the third option look at the possible dissolution of the



# The Corporation of the Town of Cobourg

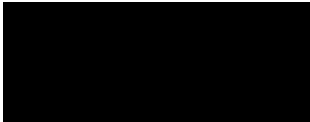
## Resolution

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upper tier government; and

FURTHER THAT this letter be forwarded to Honourable Doug Ford, Premier of Ontario, Honourable, David Piccini, Minister of Labour, Immigration, Training and Skills Development and Northumberland - Peterborough South MPP, and Honourable, Paul Calandra, Minister of Municipal Affairs and Housing and Markham-Stouffville MPP along with all other lower tier municipalities asking for their support in ensuring this much needed study explores all potential options that may better serve the resident of Cobourg and Northumberland County.

Sincerely,



Kristina Lepik  
Deputy Clerk/Manager, Legislative Services

Enclosure.

cc. Honourable David Piccini, Minister of Labour, Immigration, Training and Skills Development, Northumberland – Peterborough South MPP;  
Honourable Paul Calandra, Minister of Municipal Affairs and Housing; and  
All lower tier Ontario Municipalities

January 22, 2025

*Delivered via email*

Dear Northumberland County Clerks,

**Re: Municipal Restructuring Study**

I am writing to share a report and accompanying Council Resolution approved by Northumberland County Council on December 18, 2024. The report entitled 'Budget 2025 – Municipal Restructuring Study', was requested by County Council on November 20, 2024 for the purposes of investigating the cost of a restructuring study as part of 2025 budget deliberations.

As per Council's request, this letter is being sent to Member Municipalities to determine interest in pursuing a study of service rationalization, restructuring and/or amalgamation. The support required would include staff time to gather and share information, as well as meetings with the consultant. The study would be informative, and participation would not be seen as an agreement to move forward with any recommendations resulting from the study. If a majority of Member Municipalities wish to participate in the study, we will take the results back to County Council for next steps on moving forward.

**Please note the response deadline of March 3, 2025.**

Thank you for your consideration and we look forward to hearing from you.

Sincerely,



*Jennifer Moore*

Jennifer Moore  
CAO, Northumberland County

c.c. Northumberland County CAOs  
Maddison Mather, Clerk, Northumberland County



# Council Resolution

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Moved By: J. Logel

Seconded By: R. Crate

Agenda  
Item 17.c  
(2.i)

Resolution Number  
2024-12-18- 926

“That County Council direct staff to send a letter to each of Northumberland County’s 7 Member Municipalities to determine interest in pursuing a municipal restructuring study, with a response deadline of March 3, 2025.”

Recorded Vote  
Requested by \_\_\_\_\_  
Councillor’s Name

Deferred \_\_\_\_\_  
Warden’s Signature

Carried   
Warden’s Signature

Defeated \_\_\_\_\_  
Warden’s Signature

If you require this information in an alternate format, please contact the Accessibility Coordinator at accessibility@northumberland.ca or 1-800-354-7050 ext. 2327



## Report 2024-167

**Report Title:** Budget 2025 – Municipal Restructuring Study

**Prepared by:** Jennifer Moore  
Chief Administrative Officer  
Office of the CAO

**Approved by:** Jennifer Moore, CAO

**Council Meeting Date:** December 18, 2024

**Report Not Considered by**

**Standing Committee Because:**

- Time-sensitive Issue (information received too late for Committee consideration)
- Urgent Matter (issue arose after this month’s Committee meeting)
- Other

**Strategic Plan Priorities:**  Innovate for Service Excellence  
 Ignite Economic Opportunity  
 Foster a Thriving Community  
 Propel Sustainable Growth  
 Champion a Vibrant Future

---

### Recommendation

“That County Council, having considered Report 2024-167 ‘Budget 2025 - Municipal Restructuring Study’, direct staff to request input from member municipalities to determine interest in pursuing a municipal restructuring study.”

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### Purpose

At their November 20, 2024 meeting, County Council discussed budget considerations for 2025. As a result of the discussions, staff were directed to report back on the cost of an amalgamation study in the draft budget.

## Background

The idea of restructuring is not new to Northumberland County. Northumberland has been restructured several times in its 232-year history. Northumberland was initially formed in 1792. It joined with Durham County to form the Newcastle District in 1802, as part of Upper Canada. In 1850 it became the United Counties of Northumberland and Durham. It remained as the United Counties until 1973. On January 1, 1974, the majority of Durham County joined Ontario County to form Durham Region, except for the Town of Port Hope and Hope Township. Hope and Port Hope joined Northumberland County to form a standalone County named Northumberland. Over the years there have been various changes to the boundaries and names of lower tiers, as those organizations have been restructured, as well with population growth and Provincial direction.

In the late 1990's there was significant restructuring across the province and the number of municipalities was reduced by almost half. Northumberland's boundaries were changed once again when Murray Township left Northumberland and joined the newly formed City of Quinte West. Northumberland's boundaries have otherwise remained unchanged, but there were several amalgamations of lower-tiers. By 2001, Northumberland was comprised of seven lower-tiers and looks as it does today.

<b>Current</b>	<b>Formerly</b>
Town of Cobourg	Town of Cobourg
Municipality of Port Hope	Town of Port Hope Hope Township
Municipality of Trent Hills	Town of Campbellford Village of Hastings Seymour Township Percy Township
Municipality of Brighton	Town of Brighton Brighton Township
Hamilton Township	Hamilton Township
Township of Alnwick/Haldimand	Alnwick Township Haldimand Township
Township of Cramahe	Village of Colborne Cramahe Township

Around the time of the municipal restructuring in 2001, there were also significant changes in the responsibilities of each level of government. While services such as road and bridges had been the County's responsibility since the days of horse and buggy, the County assumed responsibility for many additional services from the province, including Housing and Paramedics.

The table below summarizes key municipal services, and which level of municipal government delivers the service within Northumberland County. It should be noted that the responsibilities of each level of government have changed over time. The manner in which services are delivered varies dramatically across the province. Every municipality has a unique combination of service responsibilities and service levels. The range of services seems to be most diverse in the two-tier municipal structures where a County is the upper tier. Regional governments tend to have more similarities in the distribution of services between the upper and lower tiers.

Service		Upper Tier	Lower Tier
Infrastructure			
	Roads	*	*
	Bridges	*	*
	Water		*
	Wastewater/Sewage		*
	Solid Waste	*	
Community Services			
	Social Services/Service Manager	*	
	Housing	*	
	Parks & Recreation		*
	Forest	*	
	Libraries		*
	Transit		*
	Cemeteries		*
Protection Services			
	Police		*
	Fire		*
	Fire – Communications tower/Dispatch shared service	*	
	Provincial Offences	*	
	Court Security		*
	By Law Enforcement	*	*
	Emergency Planning	*	*
Health Care			
	Paramedics	*	
	Community Paramedicine	*	
	Long Term Care	*	
	Health Unit (funding only)	*	
	Walk-in Clinic	*	

Service		Upper Tier	Lower Tier
Community Development			
	Economic Development	*	*
	Tourism	*	*
	Land Use Planning	*	*
	Conservation Authority (funding only)		*
	Inspections		*
	Inspections – Shared Service	*	
Legislative Services			
	Clerk/Governance	*	*
	Licensing		*
	Archives (existing shared service)	*	*
	MPAC (funding only)	*	
Corporate Services			
	HR/Payroll	*	*
	Finance/Treasury	*	*
	Legal	*	
	IT/GIS (existing shared service)	*	*
	Health & Safety	*	*
	Facilities/Property Management	*	*
	Communications	*	*

## Notes

\*Some services may be a lower tier responsibility, but are not necessarily delivered by every member municipality.

\*\* Some services may be delivered by another entity, while remaining the responsibility of the municipality.

There are several services where there are existing formal, or informal, shared services arrangements. Selected services have been consolidated, or partially consolidated, at the upper tier to achieve efficiencies and economies of scale such as IT, road surface treatment, GIS, etc. There have been other shared services agreements on an ad hoc basis in recent years such as HR. In addition to the more formal arrangements, municipalities across the County frequently collaborate on service delivery and projects. For example, joint training exercises, road construction with underground works, and purchasing.

## Consultations

The County and member municipalities have explored opportunities for shared services over the past couple of decades, with some new opportunities advancing and others being abandoned after hitting barriers. Staff have consistently approached this work with the intention of maintaining (or improving) service levels for the same or less cost. However, it is inherently difficult to voluntarily merge the work of eight separate legal entities with independent governance structures. Every organization has their own identified priorities, in addition to busy day-to-day operating demands.

Anecdotally, there are mixed opinions about the success of previous amalgamations. The key difference is that most previous amalgamations were initiated through a Provincial directive, or a very strong suggestion from the Province that municipalities look to merge with one or more neighbouring municipalities. Small municipalities speak to the potential benefits of economies of scale across their operations, although many municipal services cannot achieve significant savings even at their present size and scale due to labour intensive services, large geographic areas, and other limitations. Municipalities that underwent large amalgamations, such as moving to a single tier, often acknowledge long-term benefits but reference many challenges, including governance structure and service rationalization, that need to be overcome in the early days. In many cases, there were increased costs during the initial years of an amalgamation, as common service levels and expectations were settled. For many communities, particularly in rural Ontario, there are strong ties to existing features of the community; there is a reluctance to accept the changes that could lead to more significant savings.

### **Legislative Authority / Risk Considerations**

The Municipal Act 2001 Part V, Municipal Reorganization specifically permits restructuring of municipalities. This section of the Act outlines the process and authorities for various aspects of restructuring the governance of a municipality or municipalities. The purpose of this section is as follows:

*171 (1) The purposes of section 172 to 179 are,*

- (a) To provide for a process which allows municipal Restructuring to proceed in a timely and efficient manner;*
- (b) To facilitate municipal restructuring over large geographic areas; and*
- (c) To facilitate municipal restructuring of a significant nature which may include elimination of a level of municipal government, transfer of municipal powers and responsibilities and responsibilities and changes to municipal representation systems. 2001, c.25 s. 171(a)*

### **Discussion / Options**

Any study on municipal restructuring will require participation from all seven member municipalities, and most likely the County, depending on the services being considered. It is critical that there is an interest in the study, and a commitment of support from the participants. The support required would include staff time to gather and share information, as well as meetings with the consultant. The study would be informative, and participation would not be seen as an agreement to move forward with any recommendations resulting from the study.

Staff propose an initial step by County Council to request input from member municipalities to determine interest in pursuing a study of service rationalization, restructuring and/or amalgamation. Further, a resolution should be requested from each member municipality to express their level of interest in the information learned through such as study. This resolution would only be a commitment to participate and receive the final report, but would NOT obligate any municipality to proceed with implementation of the report recommendations.

Further, if a majority of member municipalities wish to participate in the study, then the County should proceed with the procurement of a consultant to conduct the necessary research and analysis, and make recommendations for consideration. Given the anticipated size and scope of the study, it would be a competitive RFP process.

Staff propose two options should there be sufficient interest from member municipalities:

- a) Study the benefits and challenges of a full amalgamation to a single government across Northumberland County for all services. This would include costs and resourcing required through a transition period, projected ongoing savings or increases, high level review of staffing implications, proposed governance model, etc.
- b) Select 1-2 services to evaluate and develop an assessment of options for restructuring. Restructuring could result in an upload to the County, or consolidation with one of the seven member municipalities for all or part of a service, based on the analysis. The review would include transitional and ongoing operational impacts to governance, staffing, service levels, and financial implications, as well as an initial plan for implementation.

Staff recommend option B, and recommend that it be referred to the CAOs' Committee to determine the services to be reviewed. The CAOs should provide input into developing common goals for a study, including financial objectives, service level equalization, staffing and asset impacts, as well as qualitative impacts of service restructuring.

### **Financial Impact**

The cost would be dependent on the scope of the review. Given the complexity of the assessment and number of municipalities, consulting costs would likely be \$150,000 - \$250,000 for the initial reviews, depending on number and complexity of departments included in the study, and the number of municipalities currently offering the service. The work required would be unique to Northumberland County, and could require extensive planning if the direction is to conduct a review of a full amalgamation, with costs likely exceeding the top end of the estimate for a full implementation plan. Given the time required for member municipal consideration as well as the RFP process, it is expected that only a portion of costs would be incurred in 2025 with the balance incurred in 2026.

### **Member Municipality Impacts**


Depending on the extent of the review, there could be a significant impact to member municipal operations and governance.

### **Conclusion / Outcomes**

Staff recommend this report be received for information, and considered as part of the 2025 budget deliberations.

### **Attachments**

N/A

 <b>Corporate Services Department Legislative Services Division</b>	
Date & Time Received:	February 05, 2025 8:39 am
Original To:	CIP
Copies To:	
Take Appropriate Action	<input type="checkbox"/> File <input type="checkbox"/>
Notes/Comments:	

**From:** Melanie Dolamore <mdolamore@kawarthaconservation.com>

**Sent:** February 4, 2025 3:30 PM

**To:** cao@clarington.net; Donna Teggart <dteggart@trentlakes.ca>; Elaine Baxter-Trahair <Elaine.Baxter-Trahair@durham.ca>; Ken Nix <knix@scugog.ca>; Michelle Willson <Michelle.Willson@brock.ca>; Ron Taylor <rtaylor@kawarthalakes.ca>; Yvette Hurley <yhurley@cavanmonaghan.net>; Clerks <Clerks@durham.ca>; Blair Labelle <blabelle@scugog.ca>; Cathy Ritchie <critchie@kawarthalakes.ca>; Cindy Page <cpage@cavanmonaghan.net>; Fernando Lamanna <Fernando.Lamanna@Brock.ca>; Jessie Clark ; ClerksExternalEmail <clerks@clarington.net>

**Cc:** Mark Majchrowski <mmajchrowski@kawarthaconservation.com>; John Chambers <JChambers@KawarthaConservation.com>

**Subject:** Kawartha Conservation's 2024 Annual Report

**⚠ CAUTION:** This email is from an external source. Verify sender before opening links and attachments. ⚠

On behalf of Kawartha Conservation, I am pleased to share our 2024 Annual Report, highlighting the progress and achievements we have made over the past year in collaboration with our partners and communities.

2024 was a year of growth, innovation, and resilience as we worked to support and protect the Kawartha watershed while adapting to evolving challenges and opportunities. Through strategic initiatives, strong partnerships, and community engagement, we advanced our mission to champion watershed health and sustainable natural asset management.

None of this would be possible without the continued support of our member municipalities. Your investment in our programs and services enables us to deliver impactful results, from environmental monitoring and stewardship initiatives to conservation area enhancements and sustainable development planning. We are deeply grateful for your commitment to our shared vision of a thriving, resilient watershed.

We look forward to continuing our work together in the year ahead, building on our successes and furthering our collective efforts to protect and enhance the natural environment for the benefit of our communities.

Please find our 2024 Annual Report attached for your review. If you have any questions or



would like to discuss any of the report's content further, please do not hesitate to reach out.

Thank you for your ongoing support.

Best regards,  
Mark Majchrowski  
Chief Administrative Officer  
KAWARTHA CONSERVATION  
277 Kenrei Road  
Lindsay, ON K9V 4R1

Tel: 705.328.2271 ext. 215

Fax: 705.328.2286

[mmajchrowski@kawarthaconservation.com](mailto:mmajchrowski@kawarthaconservation.com)

[KawarthaConservation.com](http://KawarthaConservation.com)

**The Kawartha Conservation Administration Centre is open Monday to Friday, 8:30 a.m. to 4:30 p.m. Visitors are encouraged to schedule an appointment in advance to ensure an appropriate member of our team is available to assist you. For more information, visit us online at [www.kawarthaconservation.com](http://www.kawarthaconservation.com) or call 705-328-2271.**



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# 2024 ANNUAL REPORT



**KAWARTHA  
CONSERVATION**

Discover • Protect • Restore

**LEADERS IN INTEGRATED WATERSHED MANAGEMENT**



# Our Corporate Values

Our values guide our actions, as they shape the kind of organization that we are part of.

In all of our decision-making, we will:

- *Act with Integrity*
- *Value Knowledge*
- *Promote Teamwork*
- *Achieve Performance Excellence*
- *Foster Innovation*

## Our VISION

Engaged communities that love, respect and appreciate our natural environment.

## Our MISSION

To champion watershed health as the recognized leader in natural asset management.

## Our FOCUS

Outstanding water quality and quantity management, supported by healthy landscapes through planning, stewardship, science and education.

# 2024 Board Members

CHAIR – Pat Warren (City of Kawartha Lakes)

VICE CHAIR – Harold Wright (Township of Scugog)

Tracy Richardson – City of Kawartha Lakes

Eric Smeaton – City of Kawartha Lakes (January to November)

Gerry Byrne – Township of Cavan Monaghan

Peter Franzen – Municipality of Trent Lakes

Robert Rock - Township of Scugog

Cria Pettingill – Township of Brock

Lloyd Rang – Municipality of Clarington



# Message from the Chair and CAO

2024 was a year of challenges, opportunities, and growth for Kawartha Conservation. We remained steadfast in our mission to support and protect the Kawartha watershed, its residents, and its businesses while adapting to legislative changes affecting program areas. Despite the hurdles, our team delivered exceptional results across all program areas, demonstrating resilience, innovation, and a deep commitment to our strategic priorities: Protect and Restore, Engage and Inspire, and Innovate and Enhance.

We witnessed incredible engagement across our programs and initiatives this year from our community and partners. From the completion of the Lake Dalrymple Management Plan to impactful tree planting and community-driven conservation projects, our work made a tangible difference. The

Illuminated Forest and Christmas at Ken Reid were standout events, continuing to draw families and visitors, reinforcing the value of our conservation areas as cherished spaces for connection and celebration.

Looking ahead, we remain dedicated to advancing our strategic priorities and exploring new ways to enhance our operations and impact. As we reflect on the accomplishments of 2024, we are inspired by the collaborative spirit of our team, partners, and communities. Together, we will continue to safeguard the natural environment and support the well-being of our watershed and its people.

Thank you for being part of our journey. We look forward to building on the successes of 2024 and embracing the opportunities that lie ahead.

**Mark Majchrowski**  
CAO

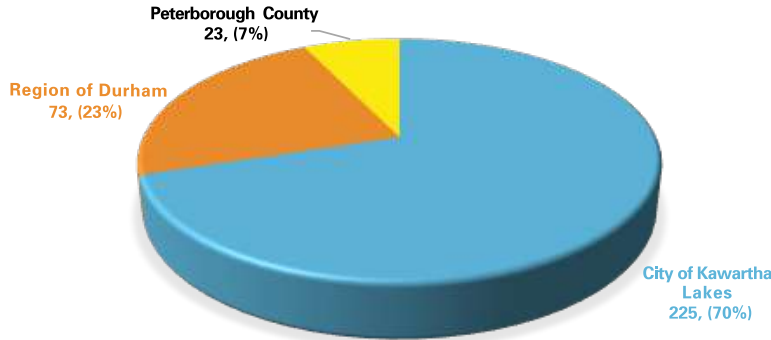
**Pat Warren**  
Chair, Kawartha Conservation  
Board of Directors



# Permitting / Planning

## Permitting

In 2024, Kawartha Conservation's permitting activities focused on protecting people and infrastructure from natural hazards like flooding and erosion. Updated regulations led to new resources and enhanced mapping, improving clarity and efficiency for applicants. These efforts balance responsible development with environmental stewardship, building resilient communities across the watershed.



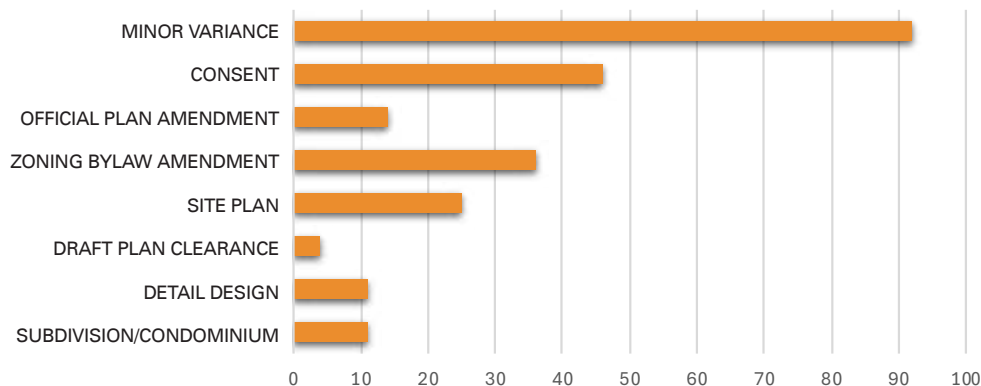
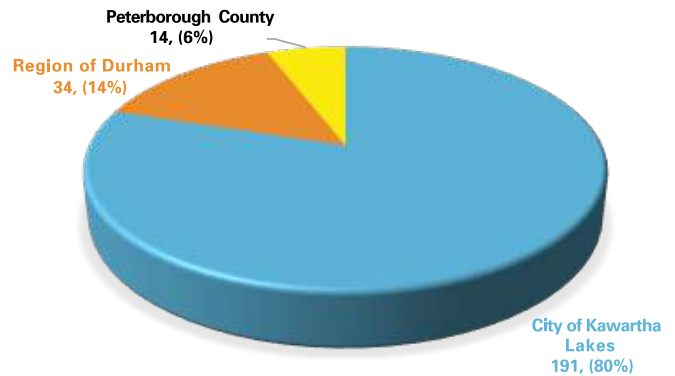
## Permitting

- 351 Permits Issued
- City of Kawartha Lakes: 255
- Region of Durham: 73
- Peterborough County: 23

## Planning

In 2024, we reviewed and provided comments on numerous planning applications across our jurisdictions, including the City of Kawartha Lakes, Durham Region, and Peterborough County. These applications covered a range of planning processes, such as subdivisions, site plans, zoning by-law amendments, and minor variances. Additionally, we participated in 72 pre-consultation applications to guide early-stage planning, with a focus on ensuring sustainable and environmentally sound development across all regions.

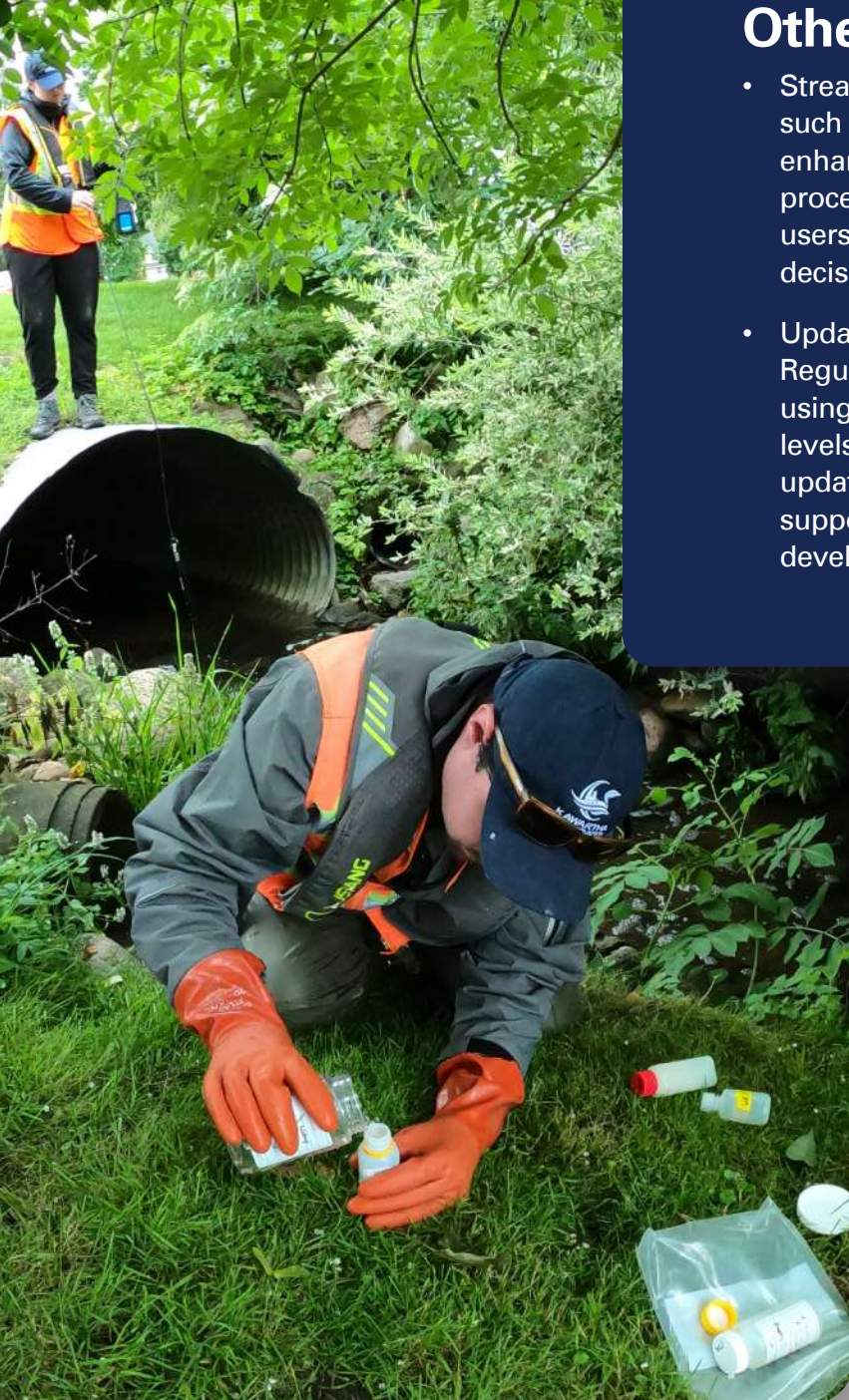
- 239 Planning Applications Reviewed
- City of Kawartha Lakes: 191 applications
- Durham Region: 34 applications
- County of Peterborough: 14 applications





## Compliance

When development occurs without a permit, we work to ensure it is not impacted by or contributing to natural hazards and take steps to achieve compliance. Staff opened 225 complaint files in 2024 and resolved 109 files following site visits to investigate and assess potential violations with respect to Ontario Regulation 41/24: Prohibited Activities, Exemptions and Permits.



## Other Key Achievements

- Streamlined and automated critical GIS workflows, such as updating regulated area boundaries. This enhancement ensures accurate and efficient data processing for mapping on ArcGIS Online, providing users with up-to-date and reliable information for decision-making and land-use planning.
- Updated the regulated area boundary under Ontario Regulation 41/24 for updated legislative context and using improved methodologies for 100-year lake levels, meander belts, and erosion hazard areas. These updates enhance the precision of hazard mapping, supporting better environmental protection, informed development planning, and public safety.

## Source Water Protection

Updates to the local source protection plan, including a municipal water supply system for King's Bay and a general plan update, have been submitted to the MECP (Ministry of Environment, Conservation and Parks) for approval.

Our Risk Management Official issued 37 RMO Notices and letters (Section 59) tied to planning and building development applications.



# Integrated Watershed Management

In 2024, the Integrated Watershed Management (IWM) team achieved significant progress in advancing environmental stewardship and sustainable watershed management across the region. Through collaborative initiatives and innovative strategies, the team delivered impactful results that benefit both the community and the natural environment.

Key accomplishments included completing the Watershed-Based Resource Management Strategy, which provides a roadmap for informed decision-making, and finalizing the Lake Dalrymple Management Plan, featuring 42 actionable recommendations to protect fisheries, restore critical habitats, and improve communication about watershed health. Other highlights include advancing climate resiliency through a comprehensive Climate Vulnerability Assessment and implementing advanced monitoring technologies, such as deploying 32 water temperature data loggers to track vulnerabilities in coldwater streams and upgrading precipitation monitoring at key sites. These efforts strengthen our ability to address emerging environmental challenges, support evidence-based management, and safeguard the health of our watersheds.





## Lake Dalrymple Management Plan (Year 4 – final year)

- Worked closely with the local community to get advice on key lake management concerns and opportunities, and feedback on proposed management recommendations;
  - 3 Working Group Meetings (comprised of 10 local individuals and Lake Association representatives),
  - 2 open houses at Carden Recreation Centre in summer (80 people in attendance).
  - 60 feedback survey forms submitted.
- Completed the Lake Dalrymple Watershed Characterization Report, which is a ‘state of the lake’ technical report that summarizes 3 years of water quality and quantity research on the health of the lake and in its watershed. Our data indicate that the lake and its watershed are in ‘fair’ to ‘good’ condition when viewed under the lenses of land and lake use, water inputs and levels, water quality, sediment quality, aquatic habitats and fish, and landscape ecology.

Completed the Lake Dalrymple Management Plan, which contains 42 details management actions to achieve the following priority recommendations:

- Protect the fishery from over-harvest.
- Protect important habitat and unique features during new development.
- Rehabilitate natural vegetation and habitats along the shoreline.
- Rehabilitate natural vegetation, habitats, and connectivity along streams.
- Communicate through lake associations: lake threats and solutions.
- Communicate through signage: lake threats and solutions.
- Communicate through public information sessions: lake threats and solutions.
- Monitor lake health conditions and fill data gaps.





## Local Environmental Monitoring

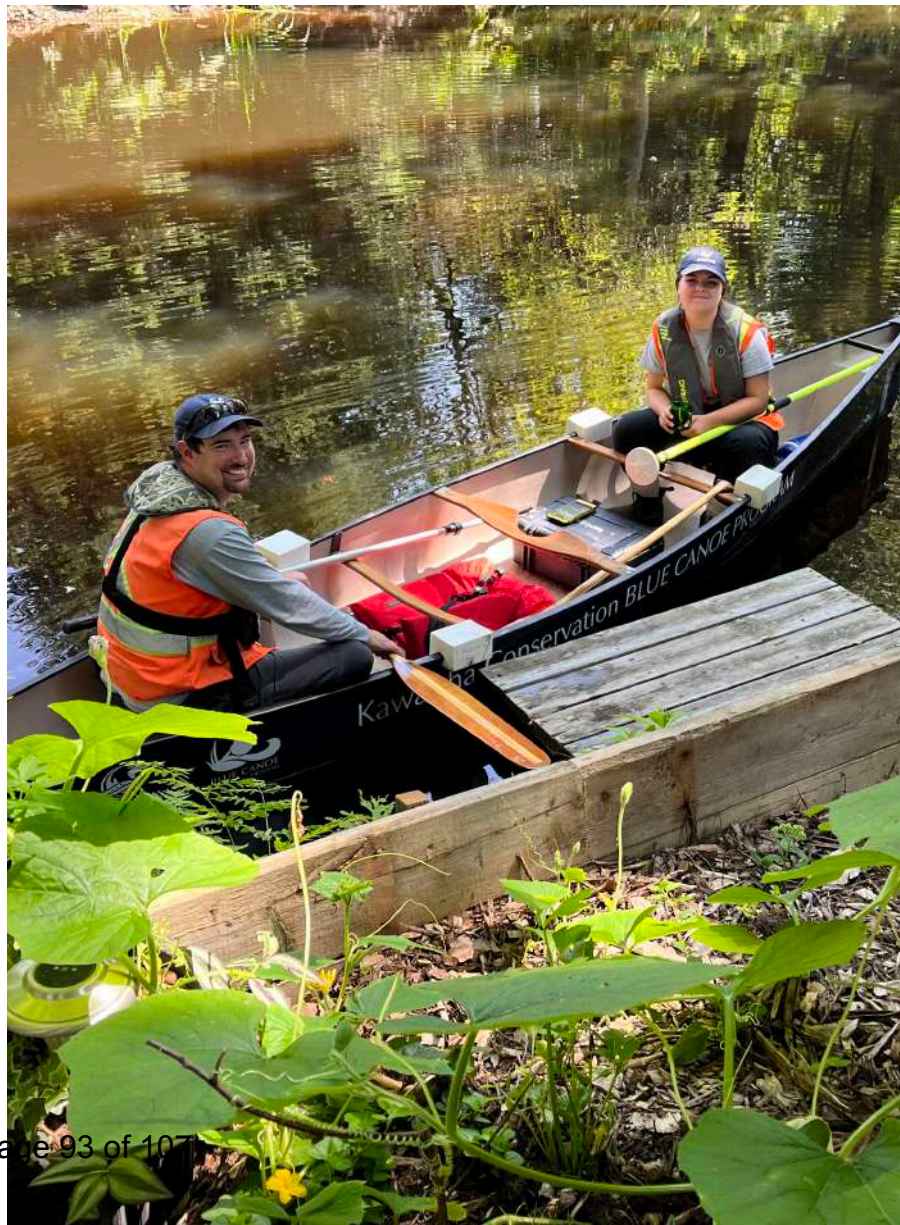
We continued to prioritize local environmental monitoring, partnering with Trent University and Fleming College to collect vital data. Monitoring efforts included tracking water temperatures at 29 coldwater stream sites and assessing water bugs at 15 urban and reference locations. These programs not only provide critical insights into watershed health but also support the education and training of future environmental professionals.

- Monitored water quality conditions at important locations, including:
  - 29 sensitive coldwater stream sites for water temperature, partnering with Trent University's School of Environment Co-op program
  - 15 urban and reference sites for water bugs; partnering with Fleming College's Environmental Technology Program.

## Flood and Water Safety Communications

In 2024, 18 Watershed Condition Statements and flood messages were issued to keep the community informed and safe. Educational content on flood forecasting and warning was shared across social media platforms, increasing public engagement and awareness. Kawartha Conservation's expertise was further showcased through a Global News interview and participation in the national Emergency Preparedness Week campaign, where collaborative efforts with partner organizations promoted preparedness and safety.

Staff also participated in numerous water management events, including Parks Canada meetings, GTA Flood Forecasting and Warning Group meetings, and workshops hosted by the Ontario Hydrometric Program Coordinating Committee. These events help inform the organization's leadership in water safety and flood risk management.



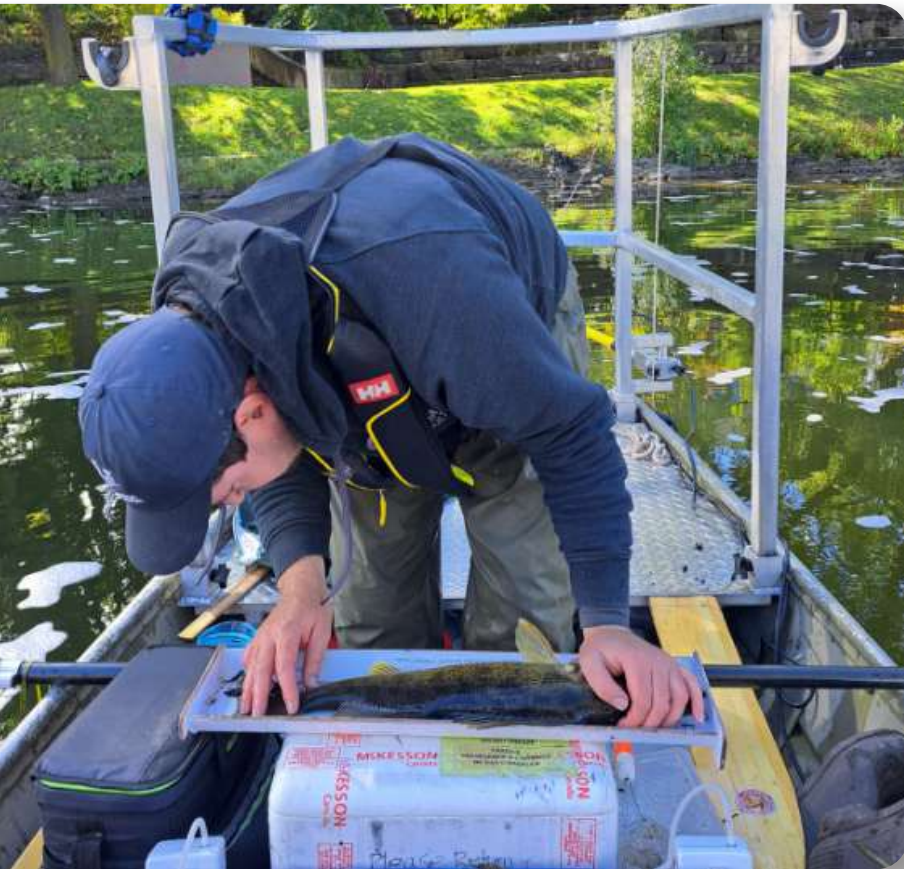


## Data Collection and Reporting

We significantly enhanced our environmental monitoring and reporting capabilities by implementing advanced data collection methods, installing real-time weather and groundwater monitoring equipment, and creating user-friendly public dashboards and interactive maps to provide detailed, accessible, and up-to-date environmental data.

Several reports highlighting key environmental trends and watershed health were published on Kawartha Conservation's website, providing valuable information to the community and stakeholders.

These initiatives underscore our commitment to protecting and enhancing watershed health, fostering community resilience, and advancing sustainable environmental management practices.



- Boat electrofishing on the Scugog River provided valuable insights into fish populations, supporting stormwater management efforts and public health assessments in collaboration with the Ontario Sport Fish Contaminant Monitoring Program.
- Updated the internal flood forecasting dashboard by incorporating monitoring stations bordering our watershed from other conservation authorities, as well as from various partners, including the Water Survey of Canada and the Ministry of Transportation. Enhancements also include daily tracking of minimum, mean, and maximum water level statistics.

## Collaborative Climate Change and Planning Initiatives

In 2024, collaborative efforts focused on long-term environmental planning and research to address climate change impacts. Notable accomplishments include a multi-year assessment of Brook Trout populations across the Oak Ridges Moraine, which confirmed stable populations and healthy reproduction. Monitoring initiatives spanned critical waterways, with results guiding future recommendations for agricultural best management practices.

Community engagement played a crucial role in the implementation of the Lake Scugog Environmental Management plan, complemented by academic contributions to scientific research, including co-publishing studies on land use impacts and aquatic health. These efforts underscore Kawartha Conservation's commitment to research-driven environmental stewardship and leadership in sustainable resource management.





- An assessment of coldwater fish communities at 10 sites across the Oak Ridges Moraine revealed that Brook Trout populations have remained stable over the past 15–20 years. Brook Trout were recaptured at all sites where they had been previously recorded, and evidence of successful reproduction and multiple year classes was observed. Distribution of brook trout did not increase or decrease significantly at sites previously observed.. This indicates a consistent and thriving presence of Brook Trout in these habitats.
- Completed 3 years of monitoring on Blackstock Creek, East Cross Creek, Stoney, Janetville, and Sucker Creeks with a report forthcoming in 2025.
- To evaluate the current relevance of the Lake Scugog Environmental Management Plan, we engaged extensively with stakeholders and rights holders through more than 10 focused meetings. Public involvement included two well-attended events at the Port Perry Farmers’ Market and an online survey, which received input from over 500 participants.
- Co-published a paper in Environmental Science: Processes & Impacts with Dr. Vaughn Mangal (Brock University) on the impacts of land use on dissolved organic matter in agricultural watersheds. Results from this study showed that changes in landuse can affect the molecular structures of simple carbon base foods in our food web. Urban areas make simple foods uneatable for microbes, while more natural landuse allow for microbial digestions of simple foods.
- Contributed as a partner author to a journal article on shoreline and riparian development thresholds, soon to be published in the Journal of Aquatic Ecosystem Health and Management. This provides a summary of the current guidelines around the waters edge. The paper shows that additional guidelines are needed to help preserve this important area around lakes.
- Submitted a journal article examining the effects of aquatic thrusters on aquatic plants in the Kawartha Lakes. The results show that thrusters can have a significant impact on plants, and in turn nearshore habitats. As they are becoming more prolific and are a relatively new technology, it provides an important early research to better understand their impacts for lake managers.
- Published the Layton River Water Quality Report and Summary Report



## Erosion and Sediment Control

- We tested drone capabilities to identify erosion and sediment high-risk areas on construction sites, offering practical support to developers in meeting sediment and erosion control guidelines, protecting water quality, and managing runoff from development sites. In partnership with the Gateway of Lindsay subdivision, we conducted drone flights over the property to assess erosion risk. This approach provides a more cost-effective method for monitoring impacts from construction activities while safeguarding environmental health.
- Maintained staff qualifications as Certified Inspectors of Sediment and Erosion Control (CISEC) and attended the From Source to Stream conference, along with field training on installing and inspecting structural erosion and sediment control measures. These efforts ensure we remain equipped with the latest knowledge and skills to effectively mitigate erosion, protect water quality, and prevent sediment-related impacts on local ecosystems.



## Bobcaygeon Dam

- Partnered with Parks Canada to install 7 water level loggers on Sturgeon Lake and Pigeon Lake, to track water levels over the course of the year and compare various locations in the lakes against Parks Canada water level gauges. This data will help to confirm whether water levels on the lakes are within range of what is necessary to support aquatic life such as Walleye.





## Lake Scugog Enhancement Project

The Lake Scugog Enhancement Project (LSEP) was an ambitious initiative aimed at improving the health of Lake Scugog and enhancing Port Perry Bay, bringing significant environmental and community benefits. Spearheaded by Kawartha Conservation, Township of Scugog and the Scugog Lake Stewards, the project involved years of dedicated effort, collaboration, and coordination with numerous external partners, agencies, and organizations.

Notable accomplishments through 2024 included the installation of the Baagwatting Oil-Grit Separator, a critical infrastructure piece designed to treat stormwater before it entered the lake, reducing sediment and pollutant inflow. Extensive engagement with the Williams Treaties First Nations ensured the successful completion of duty-to-consult requirements with Alderville, Rama, Hiawatha, Mississaugas of Scugog Island, Georgina Island, and Beausoleil First Nations.

Despite the considerable progress made and the potential for transformative impacts on Lake Scugog's ecological health, the Township of Scugog made the difficult decision to cancel the project at the end of 2024. Rising inflation and the financial and logistical risks associated with constructing the berm and wetland were cited as the primary reasons. This decision marked the end of a project that had seen a tremendous investment of time, energy, and commitment by all involved, and while it did not come to fruition, the groundwork laid and the partnerships-built underscore the dedication to protecting and enhancing the natural environment.

# Management Strategies

In 2024, Kawartha Conservation developed two key documents required by provincial legislation:

## **Watershed-Based Resource Management Strategy**

This strategy reviews our programs and services, identifies risks and challenges, and provides actions to improve delivery and address watershed trends and community needs.

## **Conservation Areas Strategy**

This strategy outlines our long-term vision for managing over 880 hectares of natural spaces, focusing on protecting biodiversity, enhancing resilience, and improving public access to conservation areas, while addressing challenges like climate change and habitat loss.





## Floodplain Mapping and Risk Assessment

In 2024, Kawartha Conservation made significant strides in floodplain mapping, a critical step in improving flood risk management and community preparedness. This included the completion of floodplain mapping studies for Nogies Creek (7.2 km, 156.54 ha) and Miskwaa Ziibi River (4.5 km, 50.89 ha), endorsed by Trent Lakes Council and submitted to the province. Additionally, updated floodplain maps for the Gull and Burnt Rivers were completed in partnership with Haliburton County, targeting areas historically affected by major flooding events over the past decade. These efforts reflect our ongoing commitment to providing accurate, actionable data to protect communities, enhance flood preparedness and response, and promote disaster resilience.





# Enhancing Conservation Areas: Infrastructure, Programs, and Community Engagement

In 2024, the Conservation Areas team focused on improving infrastructure, expanding programs, and fostering meaningful community and cultural connections. Efforts were directed toward upgrading key facilities, enhancing the visitor experience, and building partnerships that promote environmental stewardship and education. From physical upgrades like boardwalk replacements and trail marker installations to engaging programs and collaborations with local organizations, these initiatives reinforced the role of Conservation Areas as accessible, vibrant spaces that support recreation, education, and community well-being.



## Key Developments in Conservation Areas

- Replaced two sections of boardwalk and a footbridge, improving accessibility and ensuring a safe and enjoyable experience for all visitors.
- Installed new Ken Reid kiosk and trail markers
- Installed new wind phone at Windy Ridge Conservation Area
- Completed new pollinator garden and installed signage on the escarpment along disc golf course.
- Leveraged partnership with Fleming to have students complete Buckthorn identification and removal along Marsh Lookout Trail

## Service and Program Expansion

- Initiated redevelopment of the Talking Forest app which will be redesigned to enhance functionality for users and administrators, provide on-going support and hosting.
- Hosted 6 public and 3 private Forest Therapy sessions.
- Engaged in mental health and wellness events, emphasizing the therapeutic value of nature.



## Community and Cultural Engagement

- Guest speaker at annual general meeting for Balsam Lake Cottager's Association and Kawartha Lake Stewards.
- Collaborated with the City of Kawartha Lakes Boys and Girls Club to host an Earth Day garbage pickup and Tree Planting at Ken Reid.
- The team leveraged many avenues for outreach, including Bounce FM to promote our Garden Guides, Water Fund grants, and Plant Sale programs.
- Collaborated with Mississaugas of Scugog Island First Nation (MSIFN) to develop plant species list for Durham Eco Corridor restoration
- Collaborated with Kawartha Lakes Food Source and supported the Canadian Mental Health Association.
- Planted 85 trees, 331 shrubs, and 1000 perennials along the Disc Golf course, in partnership with TD Friends of the Environment.
- Participated in World Migratory Bird Day and Christmas at Ken Reid alongside volunteers from RBC.
- The Kawartha Conservation Foundation supported events including the Kawartha Fall Festival and Christmas at Ken Reid.
- Partnered with the Kawartha Lakes Public Library on the Ken Reid Story Walk Trail, Kawartha Fall Festival and Christmas at Ken Reid events.





# Stewardship

This year, the Landowner and Community Stewardship team connected with more than 130 landowners and community organizations to assess properties and support the implementation of innovative urban, rural, agricultural, and waterfront projects across our watershed.

The team surpassed our Stewardship Strategy target of planting 21,000 native trees and shrubs per year by planting a total of 59,045 through our various landowner programs.

The team continued to grow our Native Plant Sale program. This year, we supplied 100 landowners with 3,400 diverse native plants which will rejuvenate native biodiversity, provide significant pollinator habitat, and increase the network of naturalized landscapes across our watershed.



## Volunteer Participation and Tree Planting Initiatives

- With the help of 27 dedicated volunteers, 210 trees and shrubs were planted along 180m of shoreline and in a small block planting approximately 0.05 ha in size. Their efforts contributed to enhancing the natural environment and promoting shoreline naturalization. To support public awareness, an informative sign highlighting the benefits of shoreline restoration was also installed.

## Landowner and Community-Based Stewardship Projects

- Supported the implementation of Lake Management plans across our watershed by awarding \$90,000 in Water Fund grants to 29 landowner projects and 6 community organization projects for diverse and innovative environmental initiatives on agricultural, rural, waterfront, and urban properties, and leveraging an additional \$300,000+ in community investment.







## Agricultural Sector Involvement

- Provided funding support for 6 agricultural BMPs through the Water Fund program, including manure storage, stormwater management, the naturalization of 3+ hectares, and 646 metres of livestock exclusion fencing.
- Leveraged funding from the Ontario Ministry of Agriculture, Food and Agribusiness to expand water monitoring programs on 9 agricultural or rural properties for the Talbot River Healthy Environment Initiative. Water quality results inform the recommendations for agricultural Best Management Practices in 2025.
- Engaged with the farming community by hosting booths at multiple agricultural events
  - East Central Farm Show March 2024
  - Durham Agricultural Advisory Committee Farm Tour September 2024
  - City of Kawartha Lakes International Plowing Match October 2024, along with Conservation Ontario and Lake Simcoe Region Conservation Authority.
- Provided technical support and outreach by presenting to the farm community at:
  - The annual Carden Forum hosted by Couchiching Conservancy in November 2024
  - Net Zero Farms in February 2024
  - Environmental Monitoring and Biomonitoring Talks OMAFRA in February 2024
- Provided stewardship expertise as an active member of regional agricultural stewardship collectives including the East Central Farm Stewardship Collaborative (ECFSC) and the ALUS Peterborough Participant Advisory Committee.





## Urban Community Engagement

- Implemented a multi-faceted Low Impact Development (LID) project in partnership with RBC Tech for Nature to address a runoff issue impacting our infrastructure. This innovative stormwater management initiative includes a rain garden, soakaway pit, dry swale, permeable pathway, rain barrels, and native plant beds to treat and convey stormwater runoff.
- Distributed thousands of copies of the Garden Guide series, including a new “Urban Tree Guide” to support a growing network of private land naturalization projects in our watershed.
- Engaged in a new invasive species management program with the Township of Scugog to control the spread of Japanese knotweed on lake-adjacent municipal property in Port Perry.
- Grew urban outreach and engagement initiatives by hosting booths at community events like:
  - The Kawartha Country Living Show in April 2024
  - The Bobcaygeon Environmental Fair in June 2024
  - The Lindsay Wellness Fair in September 2024
- Provided stewardship expertise as an active member of the City of Kawartha Lakes Environmental Advisory Committee to support the implementation of the Healthy Environment Plan and other environmental initiatives across the municipality.

## Shoreline and Habitat Restoration

- Provided funding support for the enhancement and restoration of 490 metres of waterfront through the Water Fund and TD Tree Days programs.



## Tree Planting and Forestry Initiatives

- Notable contributions from various initiatives, including OMAFRA, Kawartha Water Fund, Scugog Water Fund, the 50 Million Tree Program (Forests Canada), and Tree Canada, resulting in over \$114,000 of funding provided to 18 landowners in our region for tree planting projects.
- Restored and/or enhanced 24 hectares of forest habitat through large scale tree planting initiatives including the 50 Million Tree Program (Forests Canada) and 2 Billion Tree Program (Tree Canada).
- Sold 17,225 seedlings in 2024. 10,850 seedlings were sold in City of Kawartha Lakes, 3725 in Durham Region, 1875 in Peterborough County, and 1225 from other nearby areas. A total of 217 customers engaged with the sale.
- Planted 60 new DNA tested butternuts at Pigeon River Conservation Area as part of our butternut compensation program.
- Planted 45,900 trees through large scale tree planting initiatives.

## Educational Partnerships and Initiatives

- Engaged more than 350 participants through various educational partnerships, introducing youth and families to aquatic ecology, wetland importance, and outdoor education, including water bugs and aquatic habitat sessions at Kawartha Lakes Hockey Camp, 1st Omemee Scouts, and Omemee Baptist Church Summer Camp.
- Delivered hands-on learning experiences at major events and schools, such as the International Plowing Match and Rural Expo, the Haliburton-Muskoka-Kawartha Children's Water Festival, and R.H. Cornish Public School (200+ attendees).
- Hosted over 80 students from Mariposa Elementary School at Ken Reid Conservation Area for an engaging Orienteering Program and partnered with City of Kawartha Lakes Summer Camp for additional sessions.



## International Plowing Match and Rural Expo

One of the year's highlights was our participation in the International Plowing Match and Rural Expo, which welcomed over 50,000 visitors to the community. Kawartha Conservation's representation spanned all departments, showcasing our collaborative efforts with the City of Kawartha Lakes, Conservation Ontario, Lake Simcoe Region Conservation Authority, colleagues, and community organizations. This event was a unique opportunity to engage with diverse audiences, highlight our programs, and strengthen connections within the community.



# Technology

One of Kawartha Conservation’s long-term strategic objectives is to create a more resilient, efficient, and technologically savvy organization. Enhancements included improved data security safeguards critical environmental and operational information, while connectivity and hardware upgrades support productivity and collaboration. The integration of cutting-edge tools, such as drones and 3D mapping software, demonstrates a commitment to innovation, enabling better-informed decision-making and resource management across the watershed.



## Infrastructure Enhancements in 2024: Driving Efficiency and Resilience

In 2024, Kawartha Conservation prioritized strategic infrastructure upgrades to improve operational efficiency, strengthen data security, and enhance workplace functionality. These advancements reflect a forward-thinking approach to leveraging technology for resilience, adaptability, and innovation.

### Key Achievements in Infrastructure Modernization

#### Enhanced Data Security and Backup Systems

To bolster resilience against cybersecurity threats, Kawartha Conservation implemented robust data backup measures, implemented infrastructure upgrades and validated recovery methods for ransomware scenarios.

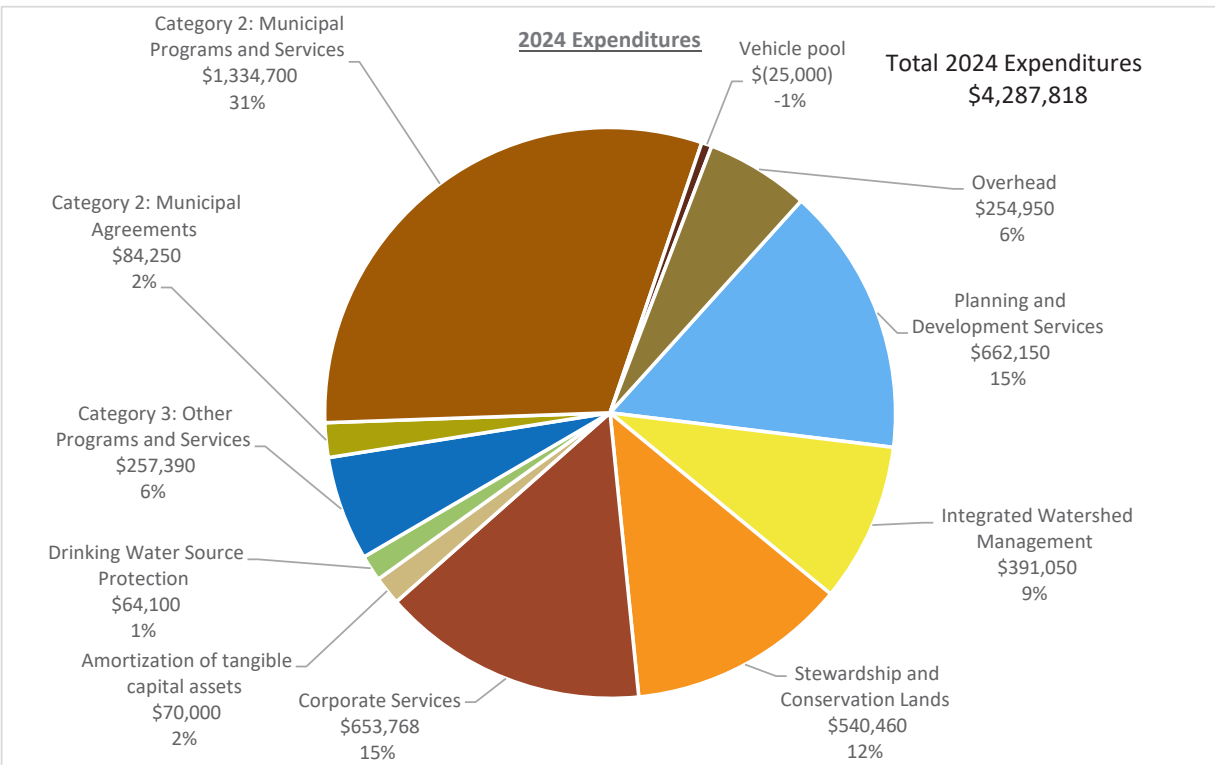
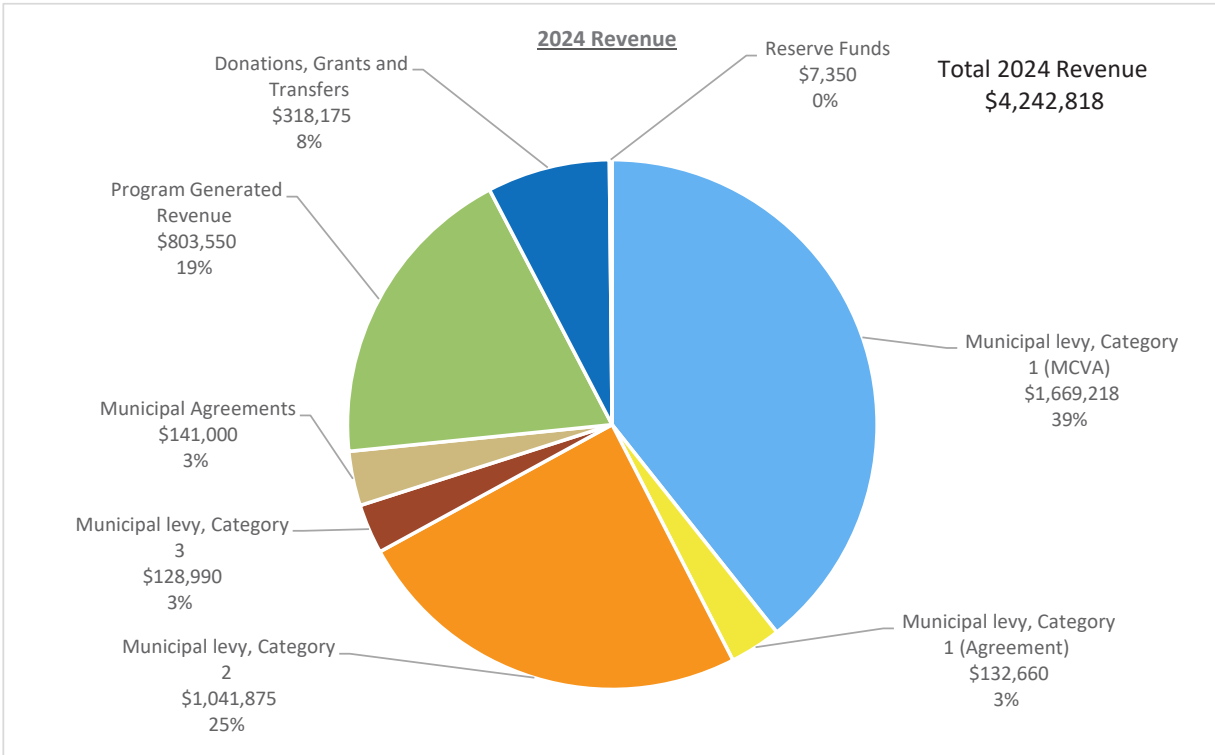
#### Improved Network and Connectivity

The deployment of updated network switches and a cell booster significantly improved connectivity within the main office, enhancing team collaboration and accessibility.

#### Workplace Technology Advancements

Operational capabilities were enhanced with updated desktops, tablets, and meeting room technology, including a wireless display and a high-definition projector for improved presentations and collaboration.

# Finances



NOTE: This financial information is condensed from the Board of Directors' Approved 2024 Budget Summary. The complete auditor's report for the year ended December 31, 2024 is anticipated to be available in May 2025, copies of which will be available on our website.