



SOUTH NATION  
CONSERVATION  
DE LA NATION SUD

# Project Update

April 17<sup>th</sup>, 2025





# Co-op Student: Cheyenne Prevost



- Grade 12 at St. Thomas Aquinas CHS
- Courses in environmental science, biology, and chemistry (Grade 11 - 12)
- I like to fish, crochet, and I throw tomahawks at small competitions



# Placement Student: Aryn Cain



- Graduated St. Thomas Aquinas CHS in 2023
- Finishing final year at St. Lawrence College in Environmental Technician program
- Love walking through trails with my dogs, have always enjoyed being in nature



# New Staff: Reza Fallah



- M.Eng. in Environmental & Water Resources Engineering  
(*Concordia University, Montreal*)
- M.Sc. in Watershed Management Engineering (*Tehran University*)
- 20+ years of experience in watershed hydrology studies and urban green infrastructure construction
- Lover of nature, family, travel, and joyful gatherings.





# New Staff: Henish Goswami



- Graduated with Master's Degree in Civil Engineering – Water Resources
- Registered EIT with PEO since 2024
- 5-years of working experience in water resources engineering and management
- Enjoys photography, exploring different genres of music, and is a casual gamer



# Municipal Information Day



- Showcase programs, services, and partnerships at work
- Over 80 Municipal attendees
- Opportunity to network with municipal partners



# Eastern Ontario CA Planning & Regs Meeting



- Planning Directors and planning/regulations staff from all Eastern Ontario CAs met at Cataraqui Conservation on April 11<sup>th</sup>
- Topics included planning and policy updates along with dealing with permitting challenges and case studies





# Eastern Ontario First Nations Working Group



- Working Group is non-political, working on-the-ground together to join efforts on issues and opportunities
- Co-Chaired by Plenty Canada, Mohawk Council of Akwesasne's Environment Program, and South Nation Conservation
- Hybrid meeting hosted at SNC's office on April 11<sup>th</sup>





# Local Federation of Agriculture Events



- Four outstanding leaders into the Dundas Agriculture Hall of Fame on Saturday, April 12<sup>th</sup>



- SD&G Federations held a joint All Candidate's Meeting on April 15<sup>th</sup>



# Strengthening Partnerships



Riverside Cedar Campground,  
South Dundas

- St. Lawrence Parks Commission restoring habitat at various park and properties
- Increased collaboration with SNC to provide expertise, guidance, and implementation
- Multi-year partnership



# Project Funding Success



- \$30,844 - Invasive Species Action Fund
- \$30,000 – Invasive Phragmites Control Fund
- \$200,000 – World Wildlife Fund Nature and Climate Grant Program

## Invasive Phragmites Control Fund



Invasive  
Species  
Centre



Centre des  
espèces  
envahissantes







# Water Control Structures



Crysler Dam, 2014

- An engineering assessment is scheduled this year at the Crysler Dam
  - A request for quotes was sent out to engineering firms
- Signs have been ordered for the Crysler Dyke
  - Part of the Safety Upgrades project (WECI)



# Trail Mapping



- Arrow GNS mapping technology
- Part of the development of new trailhead signs



# Sign Strategy Rollout



- New Two Creeks Forest Trailhead sign
- Includes map of new trail completed last summer





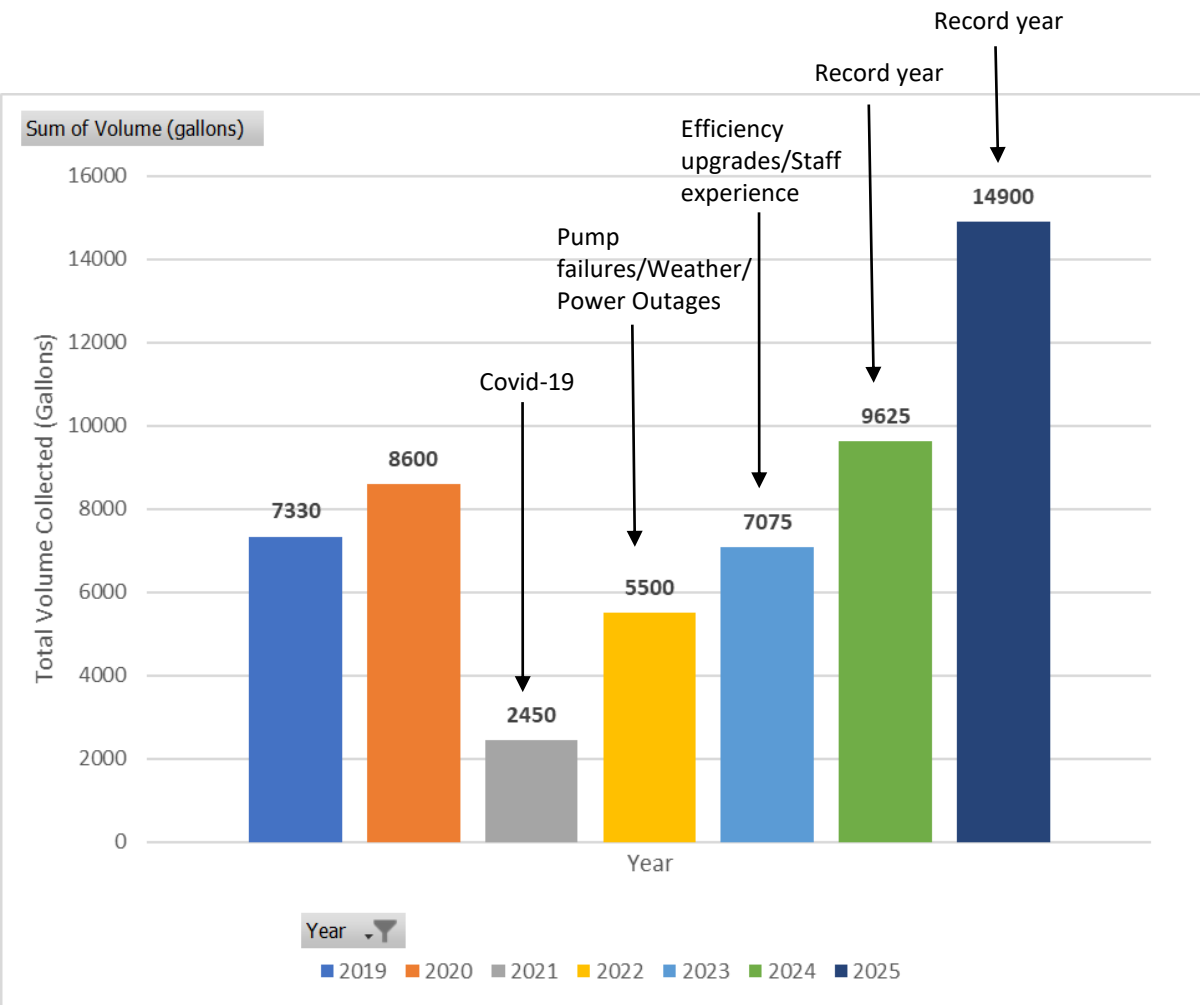
# Findlay Creek Boardwalk Trailhead Sign



- Updated as part of the Revitalization Project
- Site visit with Federal Economic Development Agency staff



# Sweet Success – Oschmann Forest

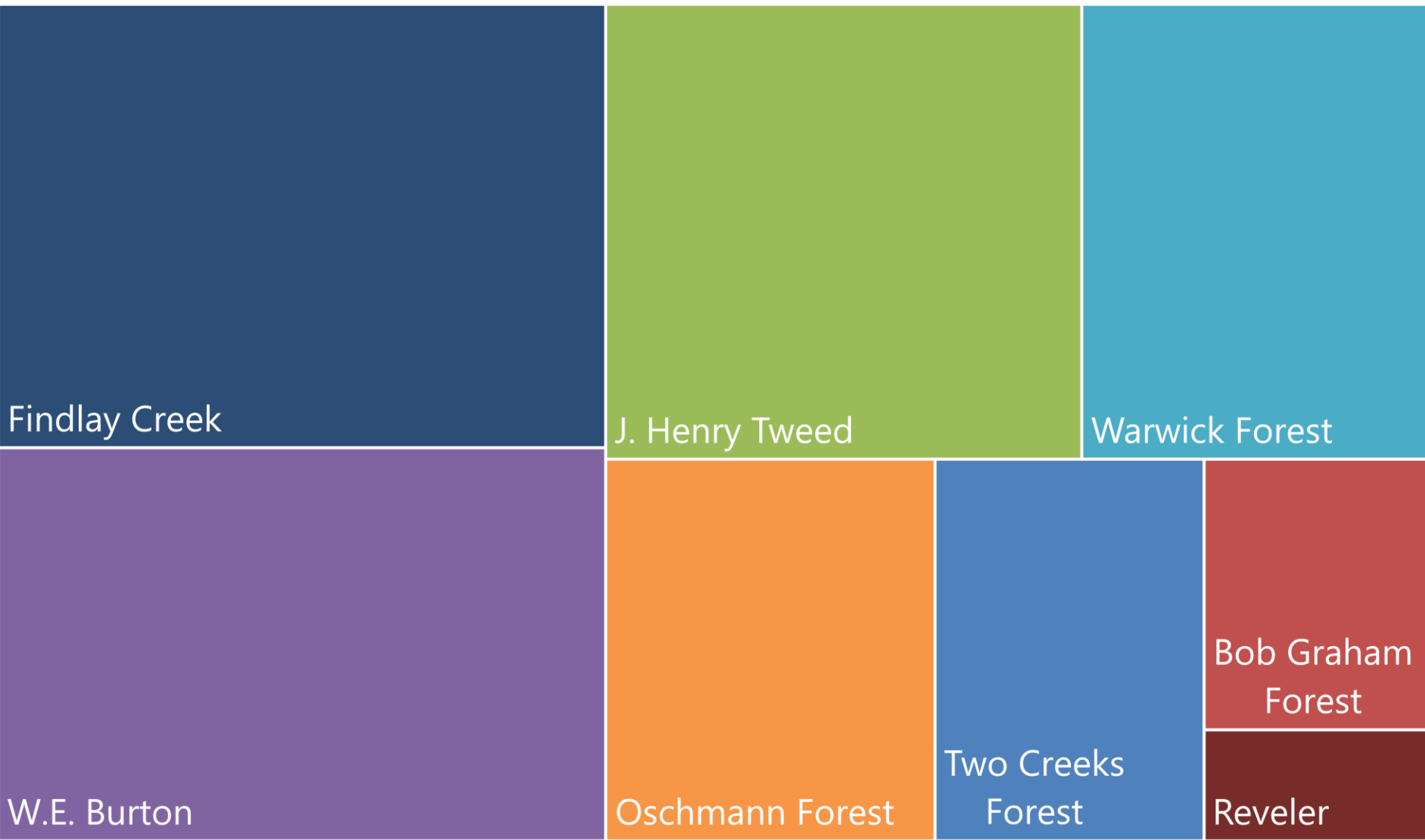


- Season finished; Sap collected March 8<sup>th</sup> – April 13<sup>th</sup>
- 590 taps
- 2.3% average sugar content
- 14,900 gallons sap = ~390 gallons of syrup



# Monthly Visitation Stats

Estimated April Visitation (10,313)







# Wetland Construction – Two Creeks Conservation Area



- Two wetland ponds constructed in March
- ~5 acres of wetland habitats

Constructed Wetland, Two Creeks Conservation Area, Iroquois – April 2025



# Snake Island Forest Restoration



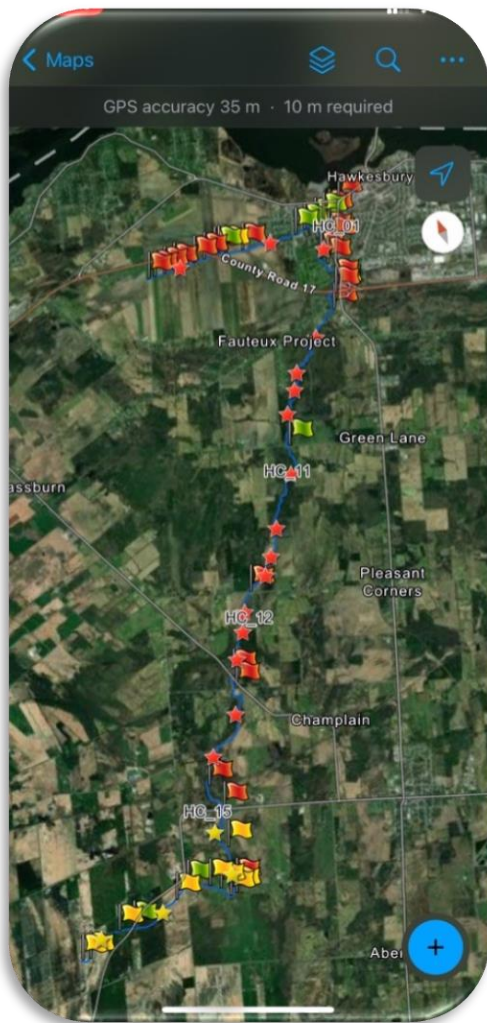
Snake Island Forest property looking south, during flood,  
April 7th, 2025

- Multi-year restoration project targeting wetland, grassland and forest
- Pre and post restoration monitoring
- Western Chorus Frog, a species at risk, heard on April 14<sup>th</sup>, 2025





# Hawkesbury Creek Field Work



Hawkesbury Creek Structure  
Survey Field Map

- Flood Hazard Identification Mapping in Hawkesbury Area
- Utilizing ArcGIS Field Maps to track progress in real-time







# Provincial Ground Monitoring Network

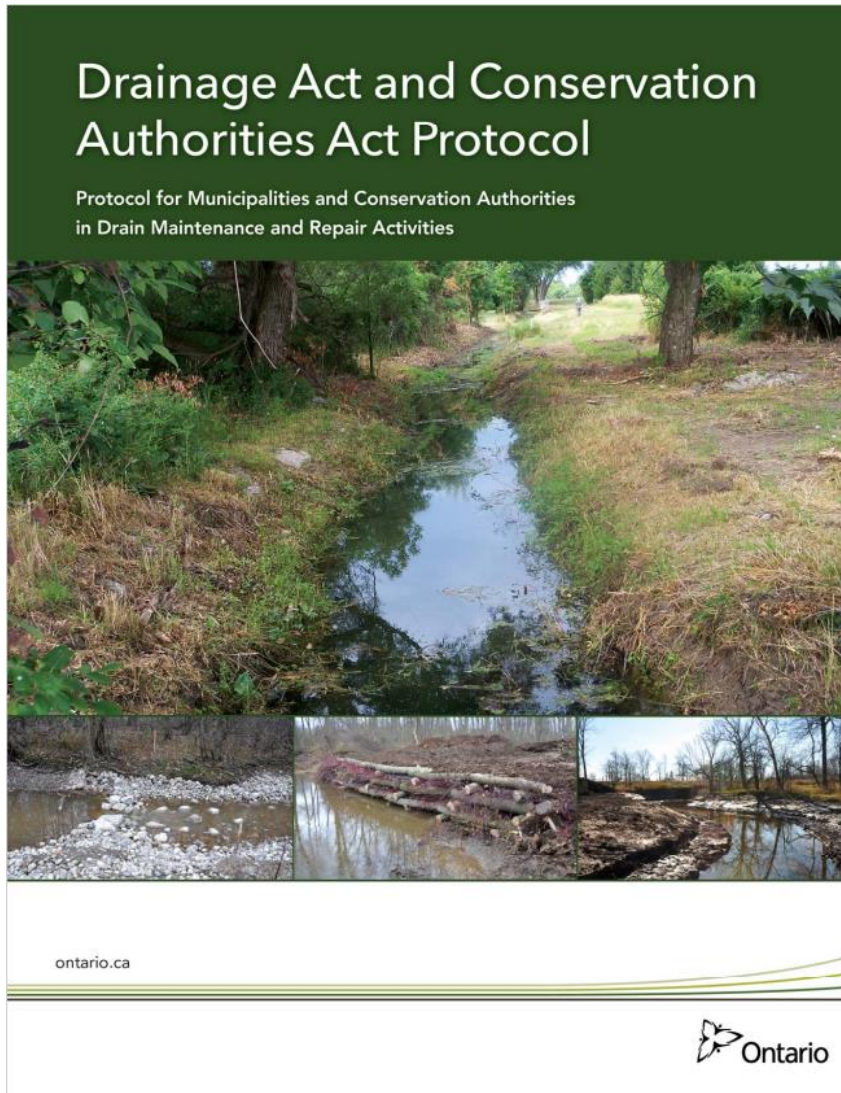
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Weekly Telemetry Report from MECP April 9th, 2025

- PGMN network is in excellent condition
  - Highlights in orange are currently manual download sites
  - Red highlights are not currently programmed into the transmitter
- Site visits will begin soon to download data and take manual water level measurements



# Drainage Act & Section 28 Regulations Team



- Established in 2008, last meeting in 2018
- DART Protocol approved in 2012
- Group relaunched to renew collaboration and problem solving



# McKinnons Creek Municipal Drain Permit

Robinson  
Consultants

Engineer's Report for the  
McKinnons Creek Municipal Drain  
and Amendments to the Richard  
Clark Municipal Drain

DRAFT FOR SNCA REVIEW

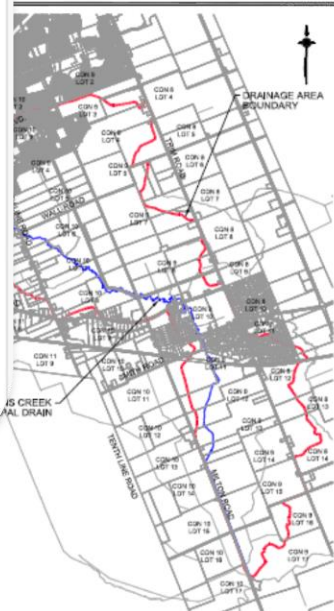
Prepared For:



Prepared By:

Robinson Consultants Inc.  
Consulting Engineers

Our Project No. 15070  
September 2004



Robinson  
Consultants

LOCATION PLAN

3.1

McKINNONS CREEK MUNICIPAL DRAIN

15070

NTS

SEP 2004

- SNC permit issued on April 14<sup>th</sup>, 2025
- Permit conditions for monitoring, reporting and verification of works
- Required to finalize Engineer's Report

Engineer's Report for McKinnons Creek  
Municipal Drain

Our Local Environment, We're in it Together.



SOUTH NATION  
**CONSERVATION**  
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