



SOUTH NATION
CONSERVATION
DE LA NATION SUD

Project Update

May 15th, 2025





New Staff: Milie Campbell



- BScH Biology, Concentration in Ecology, Animal behaviour & Evolution
- Prospective Master's student
- Enjoy birding, herping, and quilting
- Thrilled to be joining SNC this summer as a Conservation Lands Student



New Staff: Aaron Casselman



- I'm currently pursuing a Bachelor's Honours degree in Environmental Studies and Climate Change with a minor in Geography at Carleton University
- I am passionate about sustainability and applying geographic insights to real world challenges
- I Enjoy Hockey, fishing and skiing
- I am excited to be joining SNC this summer as a Conservation Lands Student



New Staff: MJ Schmidt



- Wrapping up a Bachelor's of Social Science in Environmental Studies and Anthropology at uOttawa
- I love to hike/paddle... and to look for snakes!
- Looking forward to a summer with the SNC team as a Conservation Lands Student



New Staff: Emma Rychliwsky



- Bachelor of Arts in Environmental Studies from Queen's University.
- Currently on track to pursue teacher's college at Queen's
- Writing, crocheting, reading, skiing, and running
- Happy to be starting as a Communications and Outreach Student



New Staff: Mégane Bédard



- Honours BSc in Biology with a minor in Creative Writing at uOttawa
- Passionate about the conservation of Canada's biodiversity
- Enjoy reading, painting, hiking, and baking
- Looking forward to working with SNC as a Stewardship Student!



New Staff: Emma Padbury



- Honours BSc in Environmental Geography at Queen's University
- Might attend Environmental Technician program at St. Lawrence
- Enjoy reading, hiking, and gardening
- Excited to be joining as an OFAH student!



New Staff: Nevynn Witteveen



- Recent Graduate of a BSc in Biology: Health Science at Bishop's University
- I achieved a double minor in Psychology and Environmental Science
- I like to go camping, hiking, and play sports!
- I'm happy to be back at SNC as the Approvals and Administrative Assistant!



Meeting with Local MPPs



Meeting with MPP George Darouze, Carleton Riding
Richmond Constituency Office
May 2nd, 2025



Youth Fish Camps



- 16th Annual Youth Fish Camp registration is open!
- 6 camps taking place across the watershed at 4 locations throughout July & August
- Almost 50 youth registered so far



Free Tree Pick Ups



- Free Tree Pick Ups in each partner Municipality

- April 28th – May 11th



- 10,000 trees were provided to watershed residents



Nurses Week



- Seedling donation for Nurses Week in partnership with RRCA
- Over 500 White Pine were donated to the Glengarry Memorial Hospital, Cornwall Community Hospital, Winchester District Memorial Hospital and Dundas Manor





Staff Tree Planting



- 1000 Sugar Maples planted on a donated property near Avonmore



- 1000 more were planted by contractors



Annual Staff Field Day



- Preparing seasonal day-use parks for opening
- Staff helped clean up 6 different areas
- Followed by a BBQ lunch at McIntosh Park



Source Water Protection Municipal Working Group



May 13th, 2025
SNC Office

- Municipal Staff from 10 Partner Municipalities attended
- Focus on updating municipal partners on Risk Management Office roles and agreements
- Focus on salt management and impacts of chloride on the watershed and drinking water sources
- Liability issues of uses of road salt



Geoscience Beyond Boundaries



May 11-14, 2025
University of Ottawa

- GAC-MAC-IAH-CNC
Conference for training and development
- 3-days of presentations from
geological and
hydrogeological professionals



City of Ottawa – CA Partners Collaboration

Conservation Partners Partenaires en conservation



Partnership meetings and workshops:

- CA Planning Managers Meetings
- Ottawa bi-annual CA Info Exchange
- Ottawa Future Neighbourhood Projects
- Annual Eastern Ontario Regional CA Planning/Regs meeting
- Working at municipal desks



Partners in Action: Retrogressive Landslide Areas



- Partners: City of Ottawa, SNC, RVCA, MVCA
- Goal: Technical perspective of potential retrogressive landslide areas
Protecting people and property
- Stantec developed two bulletins; reviewed by international and Canadian experts
- Next steps: discussion with CAs and policy development



Partnerships at Work



- Assisting the Mohawk Council of Akwesasne (MCA) – Environment Program on protecting people and property
- Meeting with staff at their office to discuss potential projects
- Provided recommendations in how to move forward
- Next steps: meeting with MCA emergency management staff to develop workplan



SNC Annual Septic Meeting 2025

Annual Septic Meeting

Please join us for our annual in-person get together!
Barbeque, refreshments, games, and more!



Friday, June 6, 2025
11:00 AM - 2:00 PM



McIntosh Park Conservation Area
6 Chrysler Road, Berwick, ON



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Please RSVP



septic@nation.on.ca



- Friday, June 6, 2025
- McIntosh Park Conservation Area in Berwick
- Septic Contractors, Pumper, CBOs, Manufacturer
- Social Networking and Community Building Event



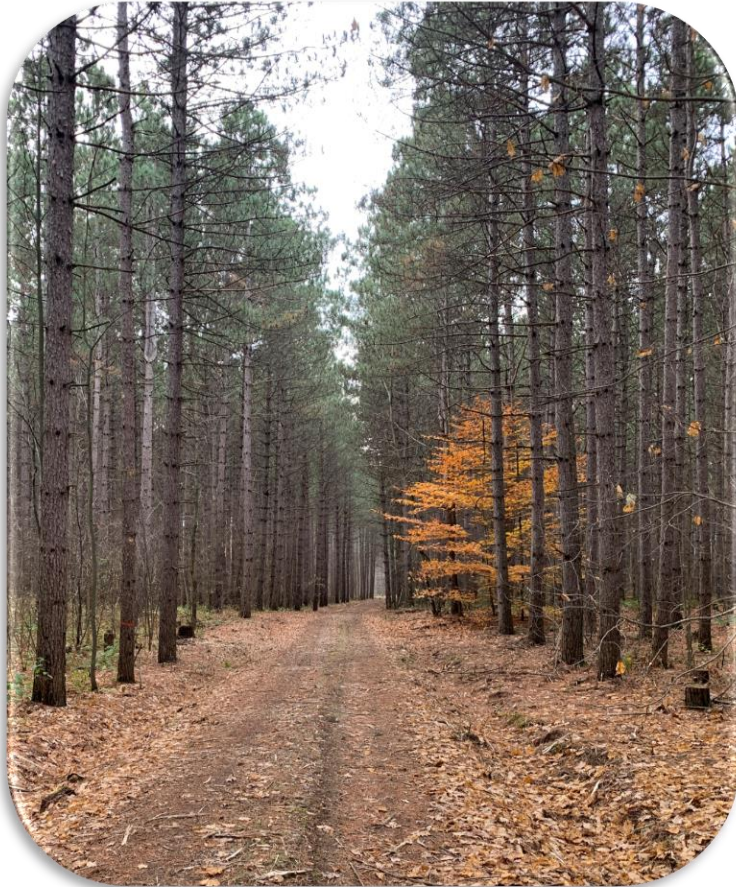
Site Visits – Clean Water Program



- Site visits for erosion complaints
- 9 erosion-related site visits completed last year
- 2 site visits completed so far this year
- 2 additional site visits underway



Forest Stewardship Council Tour



SNC64 – The Nation

- May 22nd, 2025
- Tour Stops
 - Oschmann Forest
 - W.E. Burton CA
 - High Falls CA
 - Miitig Healing Lodge
 - Wetland Restoration (SNC53)
 - Forest Operation (SNC41/64)
 - Derecho Restoration (SNC83)



Canada Protected & Conserved Areas

“Sincere thanks to South Nation River Conservation Authority for your significant contributions to nature and biodiversity conservation in Ontario”.



SNC173

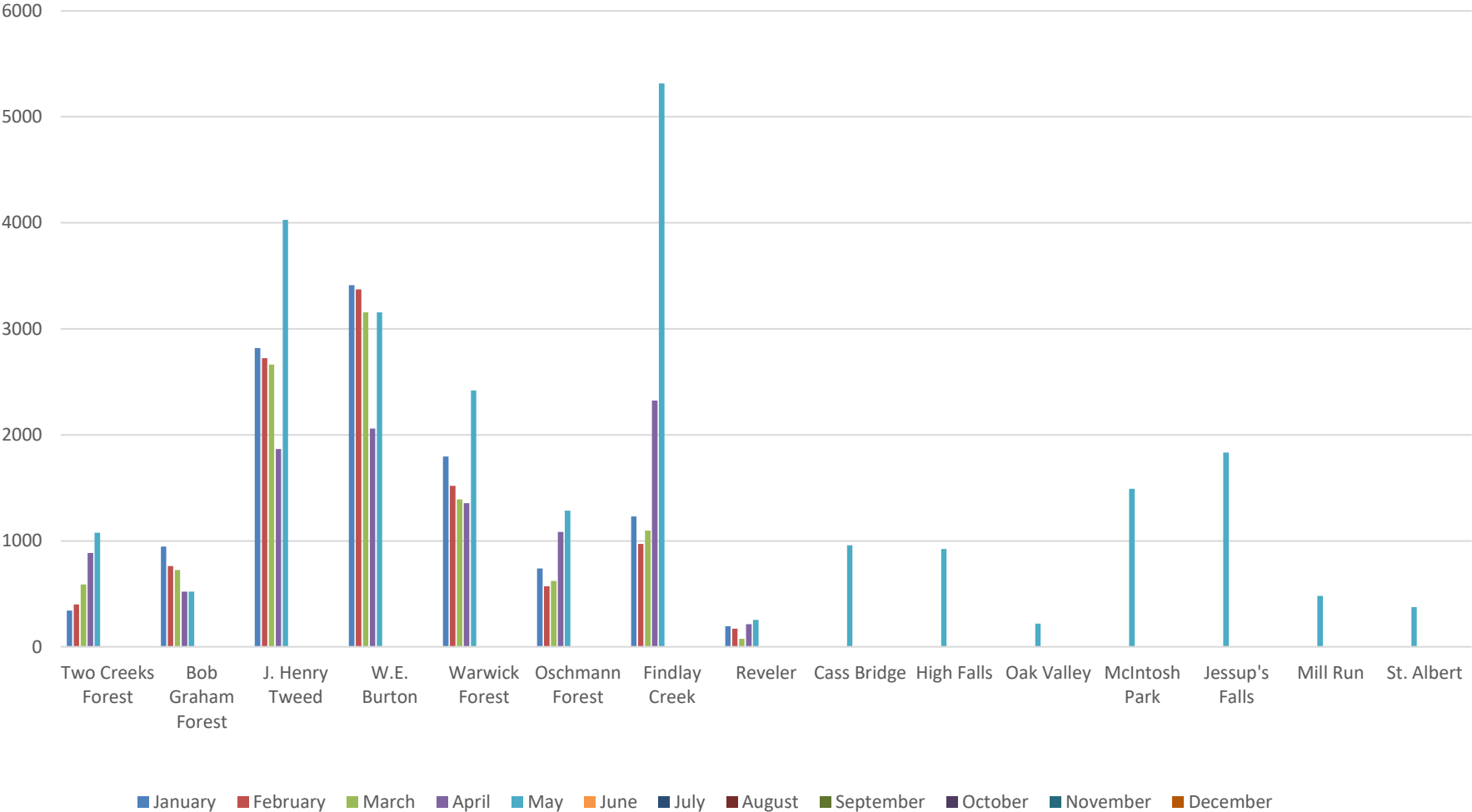
Limerick-Indian Creek Wetland
North Grenville

- 200 person-hours
- Funding \$28,000
- Submitted November 2024
- Project Report December 2024
- MECP review May 2025
- 136 properties
- 4,773.78 hectares



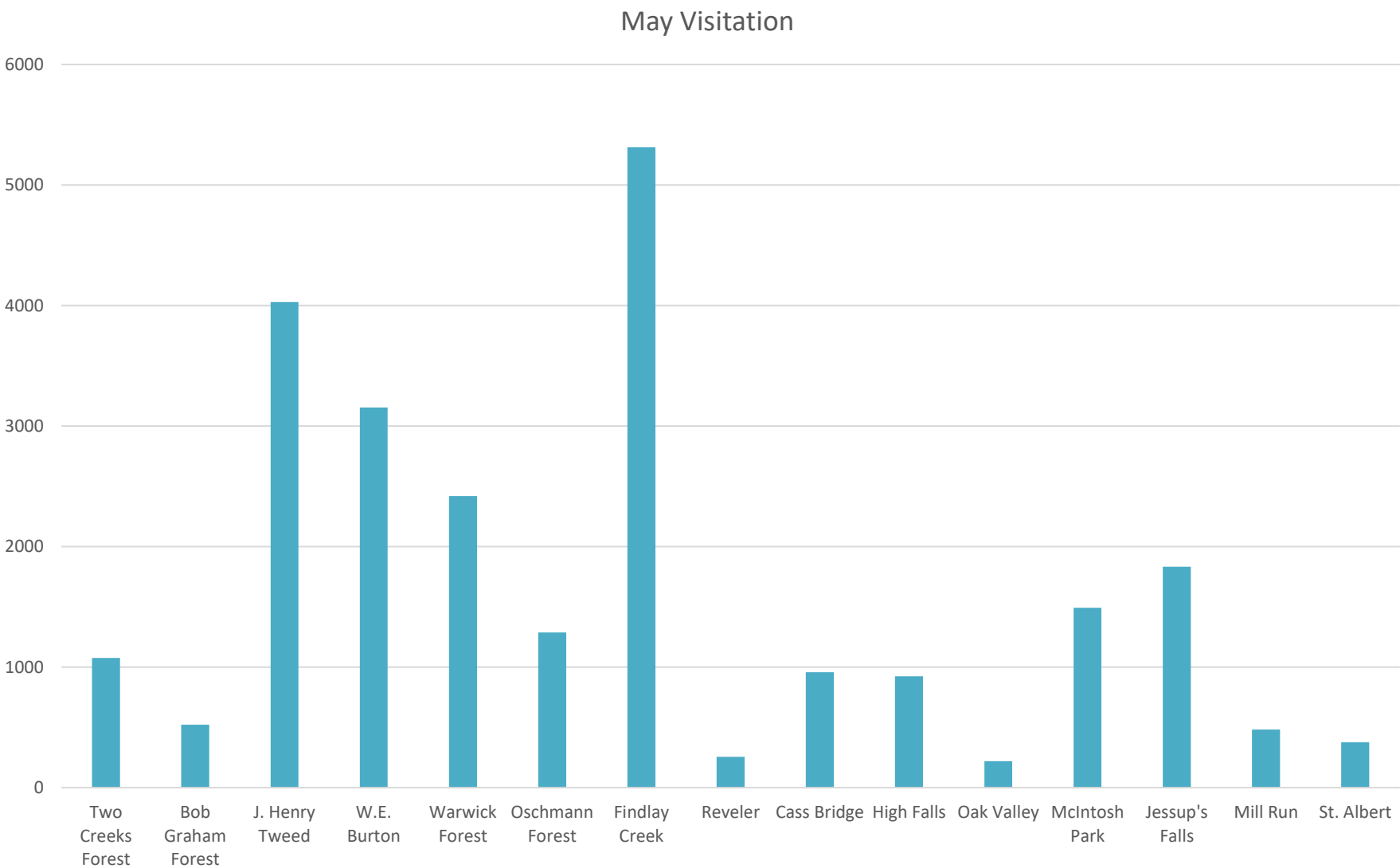
Conservation Area Monitoring Stats

2025 Conservation Area Monthly Visitors





Conservation Area Monitoring Stats





Findlay Creek Planting



- Planted 400 trees and shrubs along revitalized section of the boardwalk



- 400 more to be planted this fall with volunteers

Findlay Creek Boardwalk, City of Ottawa



Snake Island Snake Surveys (SISS)



- Volunteers to monitor snakes on SNC property south of Snake Island Road
- Tracking movement patterns

VOLUNTEER OPPORTUNITY 🌱

SNC is looking for enthusiastic volunteers to help monitor snakes on a property south of Snake Island Road between May and July 2025.

🔗 What You'll Do:

- ✓ Participate in field monitoring of local snake species
- ✓ Help track movement patterns and reduce road mortality
- ✓ Contribute to important conservation efforts in your community

No experience needed! Ontario Nature will provide all necessary training.

NOTE: Snake surveys should be conducted by individuals with a solid understanding of snake biology and ecology. The study will require both the identification and handling of snakes. !

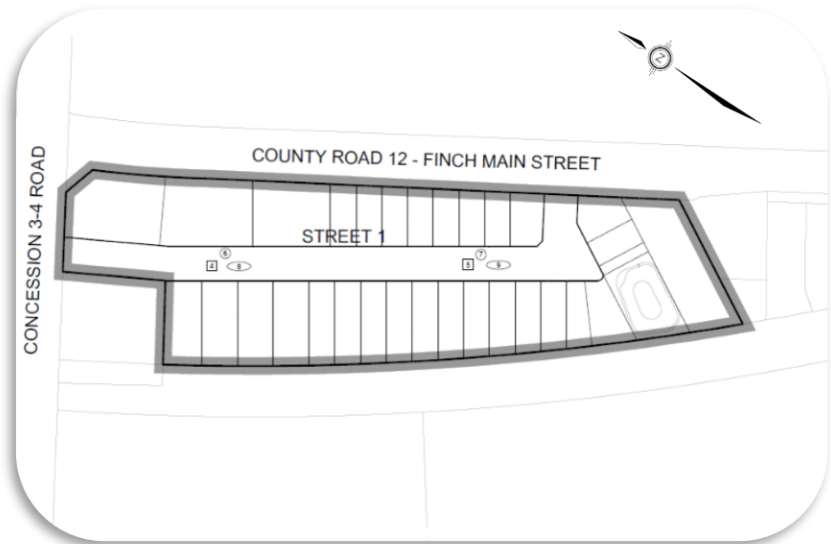
Perfect for students looking to fulfill volunteer hours or to gain hands-on experience in wildlife conservation.

📍 Location: SNC property along Bank Street, south of Snake Island Road, Ottawa, Ontario

📅 When: May – July 2025



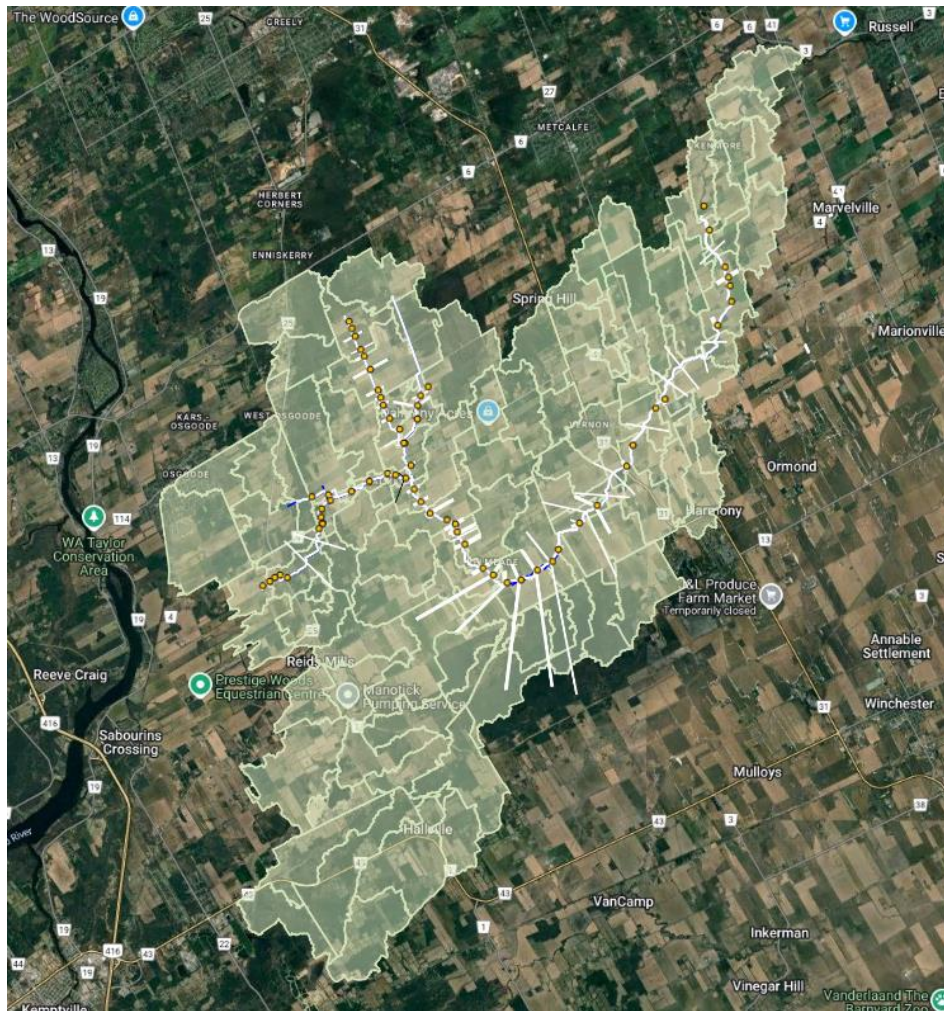
Technical Review – Stormwater Management



- Development area = 3.5 ha
- Prop. development includes residential townhome blocks (47 Units) and a SWM pond block
- Subdivision to direct stormwater to a Dry SWM Pond, excess water conveyed to Oostlander Municipal Drain and further to Payne River



South Castor River - Hydraulic Model



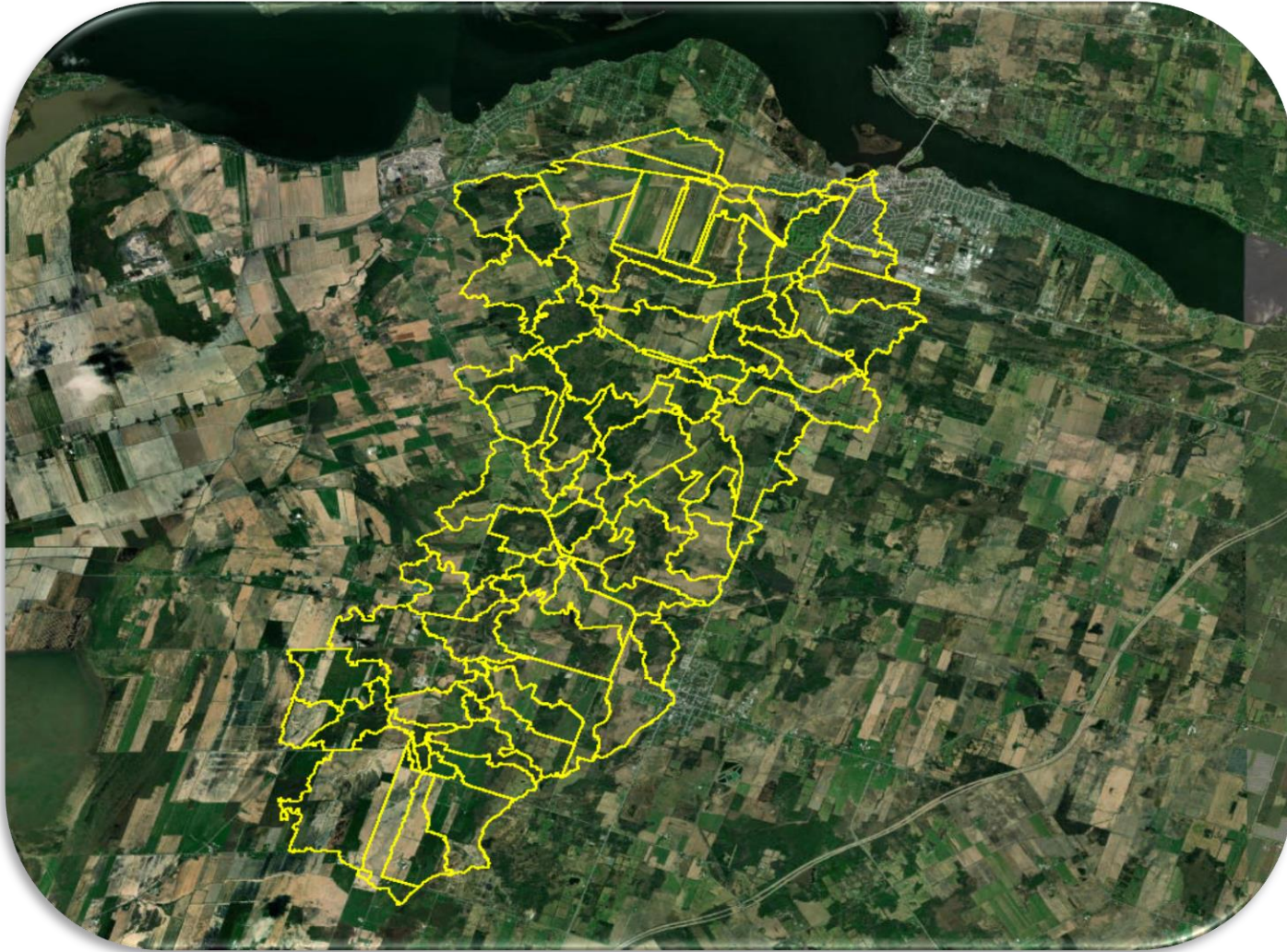
South Castor River- Flood mapping project

- Watershed area of 246 km²
- 44 private and 19 public structures





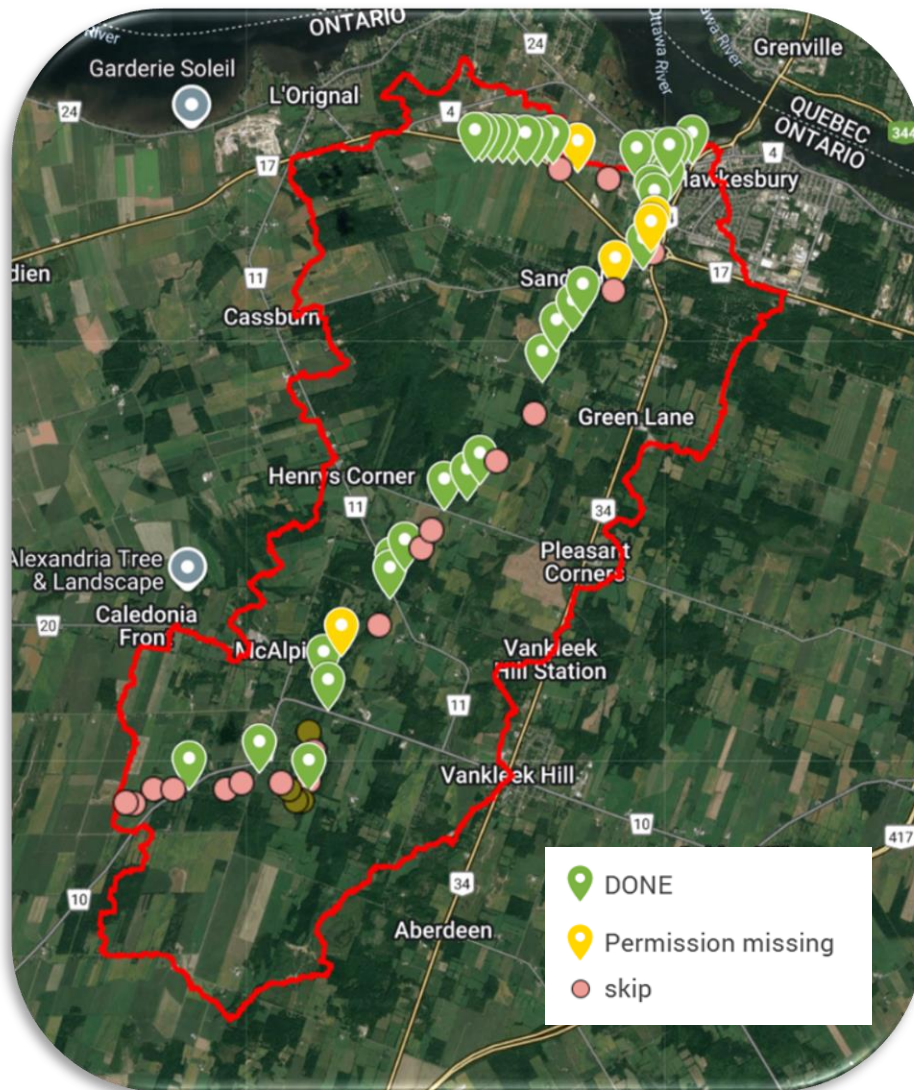
Technical Review



Hydrologic Study of Hawkesbury for Flood Hazard Identification and Mapping



FHIMP - Hawkesbury Creek Field Surveying



- **Progress:** 34 of 39 potential sites have been surveyed
- **Remaining sites:** 5 sites remain pending due to landowner permissions
- **Challenges:** Some proposed sites could not be sampled due to safety concerns, access difficulties, and landowner restrictions



LiDAR Validation for Hawkesbury Creek

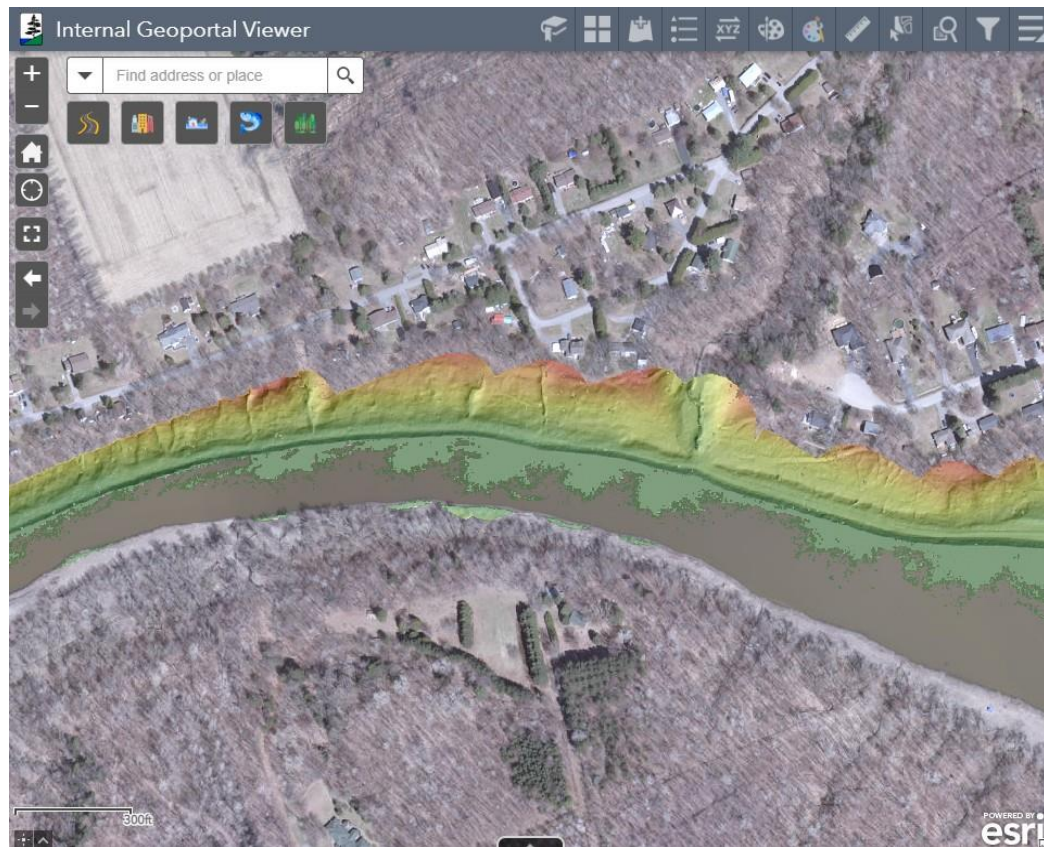


LiDAR Checkpoint on Concession Road 1

- Validating LiDAR elevation data to ensure accuracy for floodplain modelling
- 12 non-vegetated and 6 vegetated field checkpoints collected across the study area



Seguinbourg Berm Drone Inspection



Drone derived elevation data along the Berm



South Nation River at Casselman

Our Local Environment, We're in it Together.



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