



SOUTH NATION
CONSERVATION
DE LA NATION SUD

Project Update

May 18th, 2023





Summer Student – Natalie Fleece



- Third year Honours Bachelor of Science in Biology, University of Ottawa
- Summer 2022: Species at Risk Student, Thousand Islands National Park
- Winter 2023: Collections Assistant - Vertebrate Zoology, Canadian Museum of Nature
- Interests: Skiing, species at risk, music



Summer Staff – Gabriel Giorgi



- University of Ottawa - 4th Year Electrical Engineering
- Summer Coop Student
- Measurement Canada temperature lab



Summer Staff – Shannon McRae



- 4th Biology Student at Bishop's University
- Student Athletic Therapist Intern
- North Dundas Roads Department
- Interests: sports, entomology, arts



Summer Staff – Carley Hutchinson



- Past SNC Summer Student
- Greenhouse Section Grower and Shipping Coordinator at Ferguson Tree Nursery
- Coach at Nautical Equestrian Center



Summer Staff – Kiley McGuinness



- Fourth year Environmental Studies and Geography student at Carleton University
- Invasive Species Summer Technician, OFAH & SNC
- Fisheries Technician, Lake Ontario Management Unit
- Interests: music, hiking, fishing



Sharing Knowledge: College Program Advisory



Placement student tree planting with
SNC staff

- St. Lawrence College
Environmental Technician
Program Advisory Committee
- Advise on industry trend,
important skills, etc.
- Great recruiting opportunity



Raisin River Canoe Race



SNC Staff take part in the Raisin River Canoe Race

- RRCA's 50th annual canoe race
- Record year: 485 paddlers
- Five SNC staff completed the 30 km race



First Nation Partnerships

Eastern Ontario First Nations Working Group



First Nation Working Group Meeting
SNC Office on April 24th, 2023
North Stormont

- April 24th, 2023
- Hybrid meeting
- Approx. 68 attendees



Industry Partnerships – Syngenta Canada

FEEDING THE FOOD CHAIN

Enhancing the health of pollinators across Canada

WHY POLLINATORS ARE IMPORTANT

Pollinator insects are responsible for the pollination of a wide range of plants that provide essential food sources for animals and humans!



Operation Pollinator
Multifunctional Landscapes

- Funding received under Operation Pollinator
- Creation of over 3 acres of pollinator habitat along the South Nation River



Partnership Opportunity

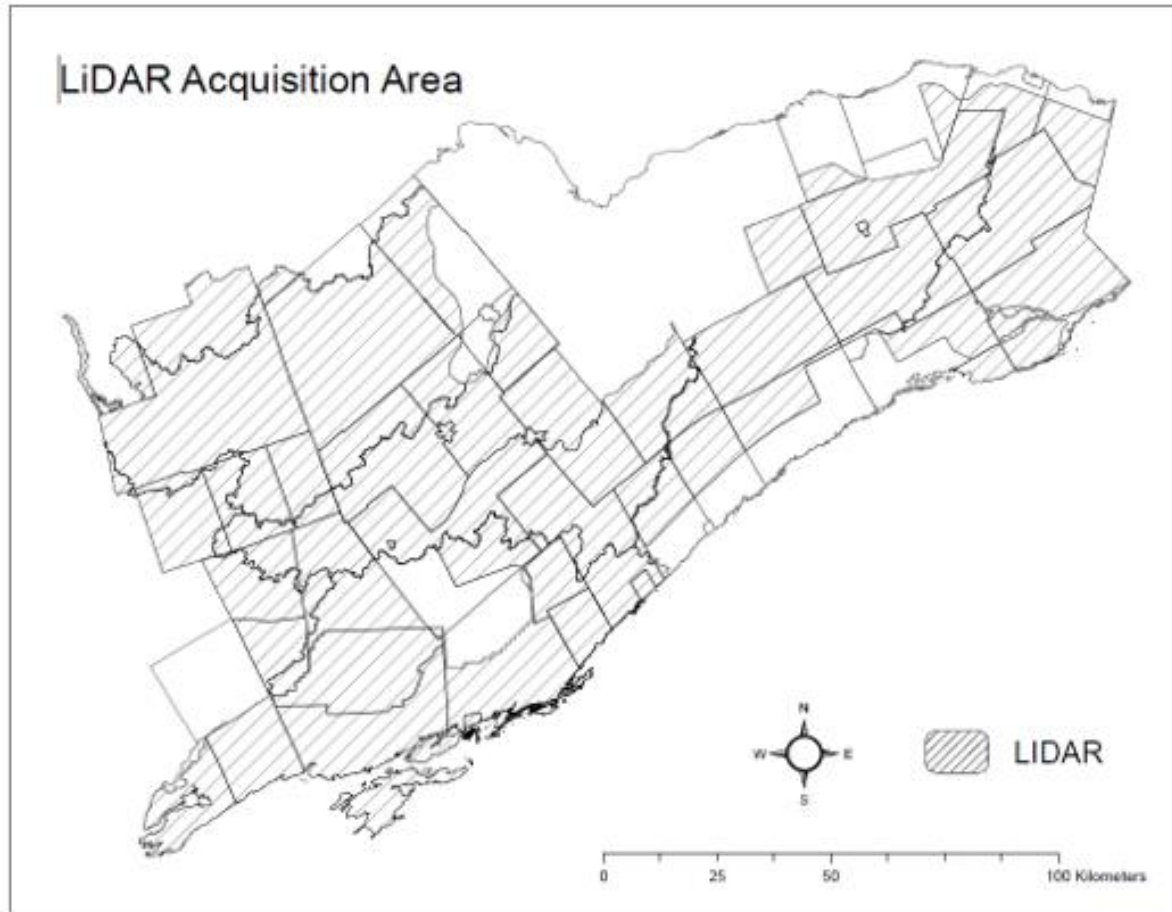


Riverside Cedar Campground,
South Dundas

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



2021 – 2022 LiDAR Acquisition Partnership



- Successful partnership between Federal Government, CAs, and Municipal partners
- Significantly under budget; great value for municipalities



Municipal Information Day (MID)



2023 Municipal Information Day (MID)
SNC Office
North Stormont

- Showcase programs, services, and partnerships at work
- First MID in-person since 2019
- Opportunity to network with municipal partners



Municipal Free Tree Days



- SNC's Free Tree Pick Up Campaign provided 10,000 free tree seedlings to residents in partner municipalities through May 2023





Nurses Week Campaign – Free Trees



- Free trees provided to healthcare workers as part of Nurses Week at three community hospitals: Cornwall, Alexandria, and Winchester





Ottawa Rotary Youth Forest



- Collaboration with the Orleans Rotary Club to fundraise for the creation of a youth forest
- Planting event in Navan hosted on May 2nd, 2023





Eastern Ontario Children's Water Festival



- Partnership with the St. Lawrence River Institute to host the Eastern Ontario Children's Water Festival
- SNC delivered "Totally Turtles" Watershed Adventure presentations on Friday, May 5th, 2023 in Maitland



Maple Education Program



Oschmann Forest Conservation Area,
Ormond, ON

- Maple tours and demonstrations with North Dundas District High School at the Oschmann Forest and the On the Bend Sugar Shack
- Staff also supported maple tapping on school property through the Specialist High Skills Majors Program



Camp Sheldrick Tree Planting

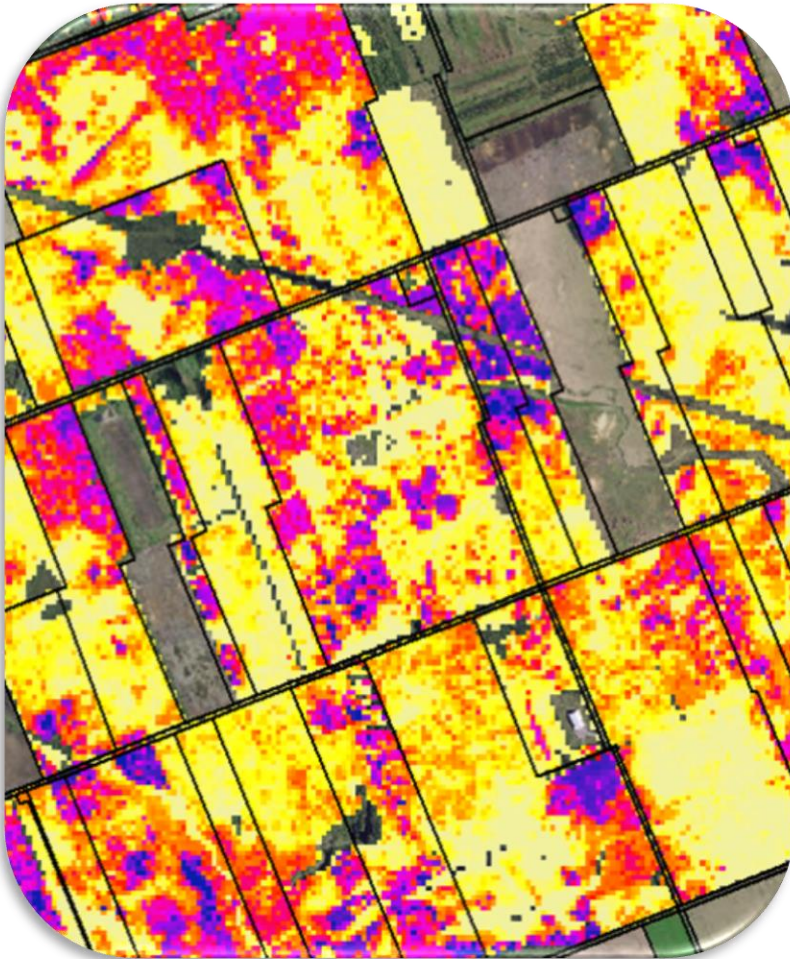


- Over 100 local scouts helped plant thousands of tree seedlings at the Camp Sheldrick Conservation Area on Sunday, May 7th, 2023





Showcasing Partnerships: Media Event



- Project partnership with the Ontario Woodlot Association and the Ontario Trillium Foundation to study changes in forest cover using LiDAR technology
- Media event will be hosted on May 26th at the SNC Office



Volunteer Planting Event



Volunteer Pollinator Garden Planting,
Russell

Saturday, May 6th **W.E. Burton Conservation Area**

- Volunteer community pollinator garden planting by the Russell Dam
- Canoe and garden products donated by local vendors and planted by Eco East volunteers
- SNC Community Environmental Grants Program Funding



Volunteer Planting Event

Friday, May 26th **W.E. Burton Conservation Area**

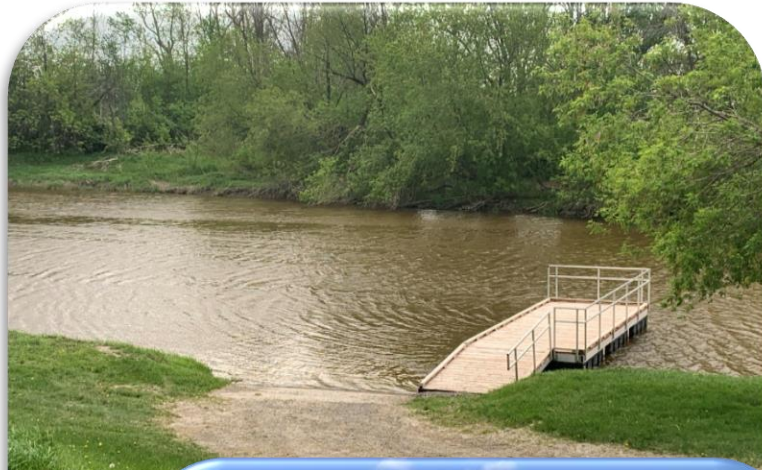


2022 Volunteer Planting Event,
Russell

- Invasive species removals and planting of native trees, shrubs, and perennials
- Partnership with Eco-East and Russell Horticultural Society
- Funding from TD Friends of the Environment and Ontario Power Generation



Seasonal Conservation Areas and Boat Ramps



Conservation Areas Open for the May Long Weekend

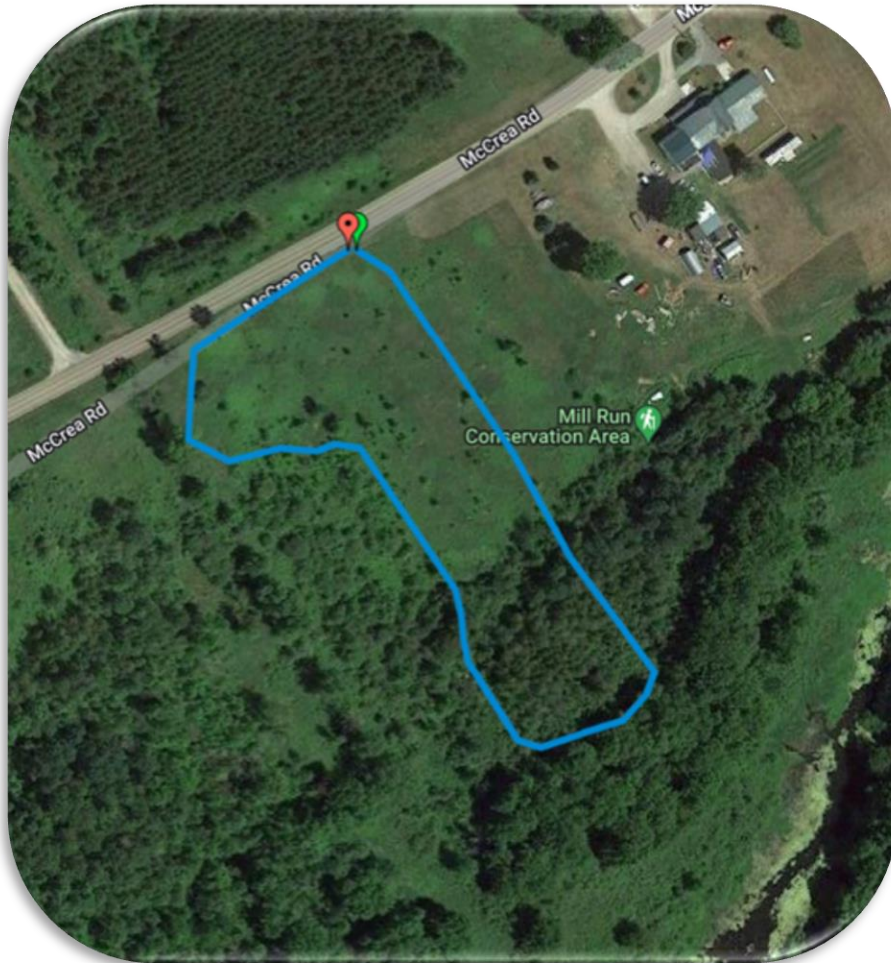
- Summer water levels set at the Chesterville Dam
- Safety and debris booms installed ahead of water control structures (except Plantagenet – will be installed next week)
- All seasonal sites re-opened, all docks will be installed by Friday, May 19th



Accessible Dock Installation,
Cass Bridge Conservation Area,
High Falls Conservation Areas



Mill Run Conservation Area Upgrades



Mill Run Conservation Area
Augusta

- Recreational trail extension
- Caliper tree planting
- Pollinator meadow maintenance



Managing Invasive Species



European Water Chestnut pulled
from Castor River
Russell

- European Water Chestnut found in South Nation River and Castor River in 2022
- Early detection and rapid response plan prepared
- Funding provided by the Ministry of Natural Resources and Forestry



Supporting Municipalities

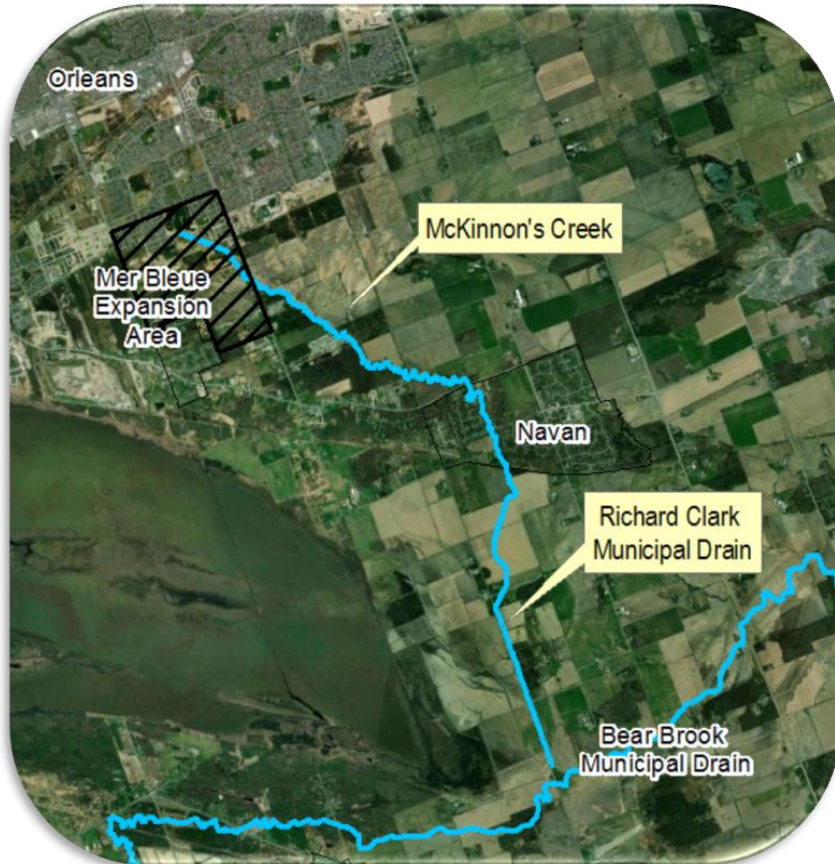


SNC is uniquely qualified to review ecological features and offer advice

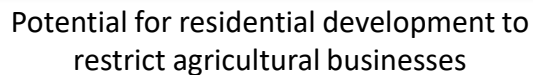
- Development must assess impact to certain natural features
- Seeing increased costs and timelines due to lack of qualified reviewers
- Working on a municipal training program and potential private services to improve outcomes



McKinnon's Creek Enhancements



- Provides drainage for large urban area
- Petition to designate a Municipal Drain
- Department of Fisheries and Oceans (DFO) Approval
- SNC Permit may require Board hearing



- Open for comment until June 6th
- Local Counties expressing concern regarding rural lot creation
- Waiting on Natural Heritage section



On-site Inspections - Regulations Program



Visit to Agricultural field adjacent to Provincially Significant Wetland

- Staff responded to a complaint regarding Interference with a Wetland
- Visit confirmed agricultural activity outside of wetland boundaries
- Reminded landowner about permit process for drain cleanout



Emergency Preparedness



- May 7th to 13th was Emergency Preparedness Awareness Week
- Flooding is Canada's most common and costly disaster
- SNC Flood Forecasting and Warning Program featured in Ontario Association of Emergency Managers Spotlight Series on May 11th



Flood Forecasting and Warning Update

LOWER OTTAWA RIVER FLOOD MESSAGE
Arnprior to Hawkesbury

Mississippi Valley Conservation Authority Rideau Valley Conservation Authority SOUTH NATION CONSERVATION DELA NATION SUD Ontario

Water Conditions Statement Update #3: Flood Warning — Lower Ottawa River

May 2, 2023 — This FLOOD WARNING statement is an update to the Flood Warning issued for areas along the Lower Ottawa River (Arnprior to Hawkesbury) on April 28th, 2023.

Flood Warning

- **Lower Ottawa River:**
Flood Warning
- **St. Lawrence River:**
Shoreline Conditions Statement
- **South Nation River:**
Normal Conditions



Ottawa River flooding in Clarence-Rockland on May 3, 2023

Our Local Environment, We're in it Together.



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