



SOUTH NATION
CONSERVATION
DE LA NATION SUD

Project Update

November 21st, 2024





Outreach: River Symposium



2024 River Symposium
Cornwall

- 31st annual River Symposium hosted by the St. Lawrence River Institute in Cornwall
- SNC attended with a display on October 23rd and 24th



Storm Water Pond Training



Training at SWM facility in Ottawa, November 2024

- 9 staff completed Stormwater Management Pond Inspection and Maintenance training
- In person training was held on November 5th, followed by complimentary virtual training on November 14th



Conservation Authority Planning & Regulation Meeting



Rideau Valley Conservation Authority Boardroom
Ottawa

- SNC/RVCA/MVCA Planning and Regulation staff met on November 5th
- Focus on coordinating and standardizing reviews, and municipal relationships
- In-person networking opportunity



Annual CA Communications Meeting



SNC with the Communications Officer from Conservation Ontario

- Supporting the Annual Conservation Ontario Communications Forum
- Hosted at Credit Valley Conservation on November 14th
- Collaboration, knowledge transfer, and professional development



2024 Eastern Ontario Geoscience Open House



- November 15th, 2024
- 220 attendees
- SNC presented “Potential Retrogressive Landslide - Protecting People and Property”

SNC presentation at the Open House
Ben Franklin Place, Ottawa



1993 Landslide
Lemieux, Nation Municipality



Outreach: Geocaching Workshop



Students are finding hidden objects, November 17, 2024
Lemieux, Nation Municipality

- Lemieux-Casselmann area home-schooling group learned how to use GPS units to locate geocaches
- Students used SNC hand-held devices to locate hidden objects, then learned how to set coordinates and use them to find objects again



Source Protection Committee Meeting



Source Protection Committee meeting Nov 14th, Casselman

- Comments received from Ministry of Environment, Conservation and Parks on the draft Source Protection Plan
- Public Consultation next step in the S.36 update process
- Presentation from Municipality of Casselman on their Water and Wastewater Infrastructure Master Plan



SPC members tour the Casselman drinking water plant



CA Coastal Network Workshop



2024 Conservation Authorities Coastal Network Workshop
Vaughan, ON

- November 18th, 2024
- Highlighting new, ongoing and past coastal adaptation, restoration and nature-based solution initiatives



Bear Brook Watershed Study TAC Meeting



Technical Advisory Committee Meeting on November 19, 2024

- Review of characterization report results
- Discussion on future scenario planning



Public Consultation on SNC Draft Strategies

South Nation Conservation: *Watersheds for life.*



SOUTH NATION
CONSERVATION
DE LA NATION SUD

SNC Watershed-based Resource Management Strategy [DRAFT]

November 2024



www.nation.on.ca

South Nation Conservation: *Watersheds for life.*



SOUTH NATION
CONSERVATION
DE LA NATION SUD

SNC Conservation Lands Strategy [Draft]

November 2024



www.nation.on.ca

www.nation.on.ca/consultations



Woodlot Storm Recovery Program Update



Salvage private site, Plantagenet



Salvage private site, Plantagenet

- Ahead of schedule
- Aiming to plant 140,000 in 2025



Woodlot Storm Recovery Program Update



Fall planting private site, Plantagenet



Fall planting private site, Alfred



Tree Planting Survival Assessments 2024



Private site Russell area

- Total sites assessed: 66
- Year 2: 42.6% survival
- Year 5: 39.5% survival



Post Plant Tending by Landowners

Good vs. Bad



Good Tending

- Vegetation around trees mowed
- Very easy to assess and assess survival

No Tending

- 2 metres (6 feet) tall, thick grass
- Trees difficult to find even if they had survived under the vegetation



Conservation Lands: Sustainable Forests



Inspecting Forest Operations
Nation Municipality

Forest Management Audits

- Forest Stewardship Council (FSC)
- Sustainable Forestry Initiative (SFI)

Focus

- Compliance with Laws
- Forest Management Planning
- Implementation of Management
- High Conservation Values
- Benefits from the Forest

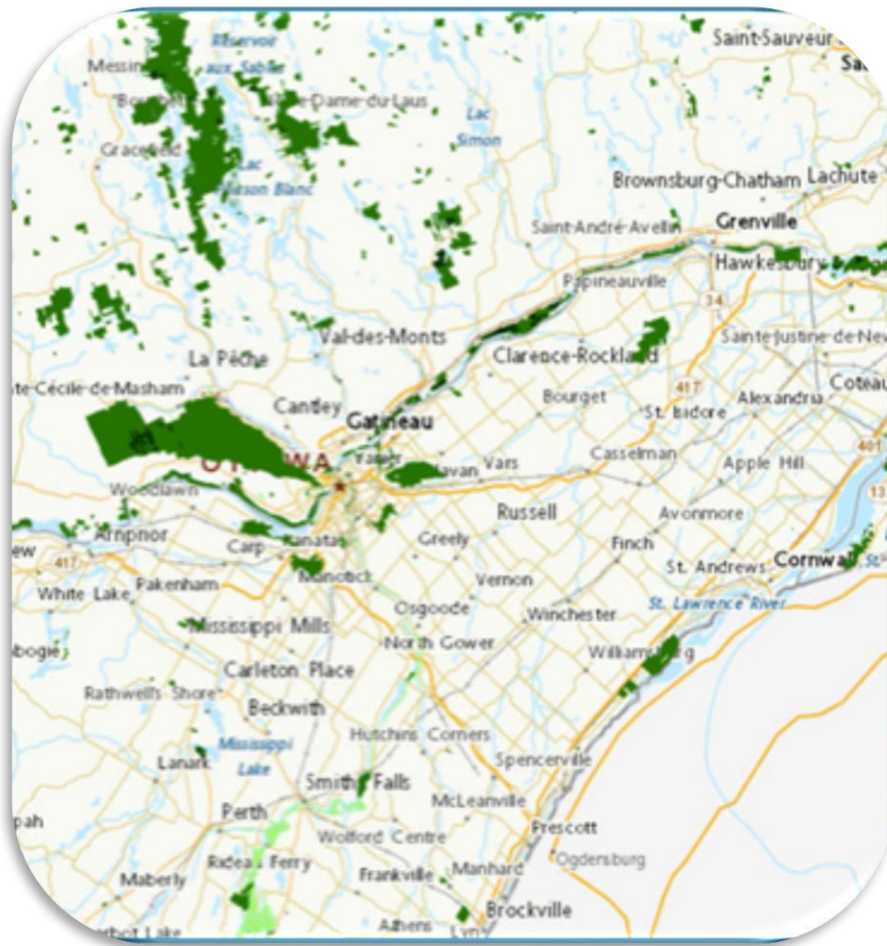
Result

- Compliant with FSC/SFI certification requirements



Conservation Lands – Protected Spaces

Canada's Protected and Conserved Areas Database (CPCAD)



Current CPCAD Geoportal

- Supported by Environment Climate Change Canada (100% cost recovery)
- Peer reviewed by Ministry of Environment Conservation & Parks
- Focus on protected areas
- 136 properties accepted
- Nearly 12,000 acres
- Update published in 2025



Two Creeks Forest Restoration



Cleared area for wetland pond
Two Creeks Forest Conservation Area
South Dundas

- Site preparation for wetland pond construction
- Dead ash tree removal along sections of trail



Wetland Restoration



SNC 53 wetland project, Nation Municipality

- Planted 200 potted trees and shrubs
- Wood duck boxes and turtle basking logs to be installed this winter



Invasive Species Monitoring



Common Reed at 7 Ponds
South Dundas

- Eastern Ontario Phragmites Management Area Working Group
- Regional collaboration to map invasive Phragmites
- Develop a prioritization framework for management actions



Water Quality Monitoring



Benthic invertebrate sampling on a tributary of the St. Lawrence River
South Dundas

- 40 sites sampled through the Ontario Benthos Biomonitoring Network
- Data supports watershed report cards and watershed plans

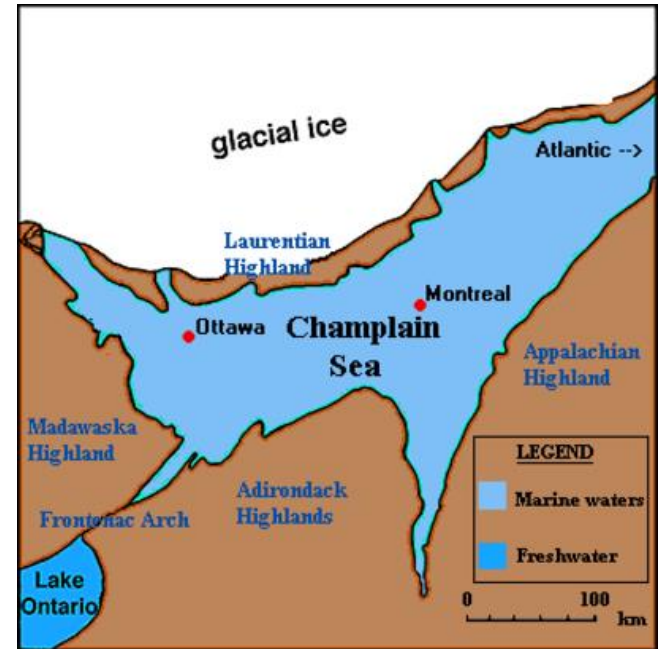


Monitoring – Provincial Groundwater Monitoring Network

- PGMN Fall sampling is complete – 14 wells were sampled
- Exceedance Protocol – Sodium



Berwick Monitoring Station Sampling 2024





South Castor Field Work



Surveying Lewis and Swerdferger Creeks
November 2024

- Flood Hazard Identification Mapping in Osgoode area

- Allan Creek, Lewis and Swerdferger Creeks, and the South Castor River





Water and Erosion Control



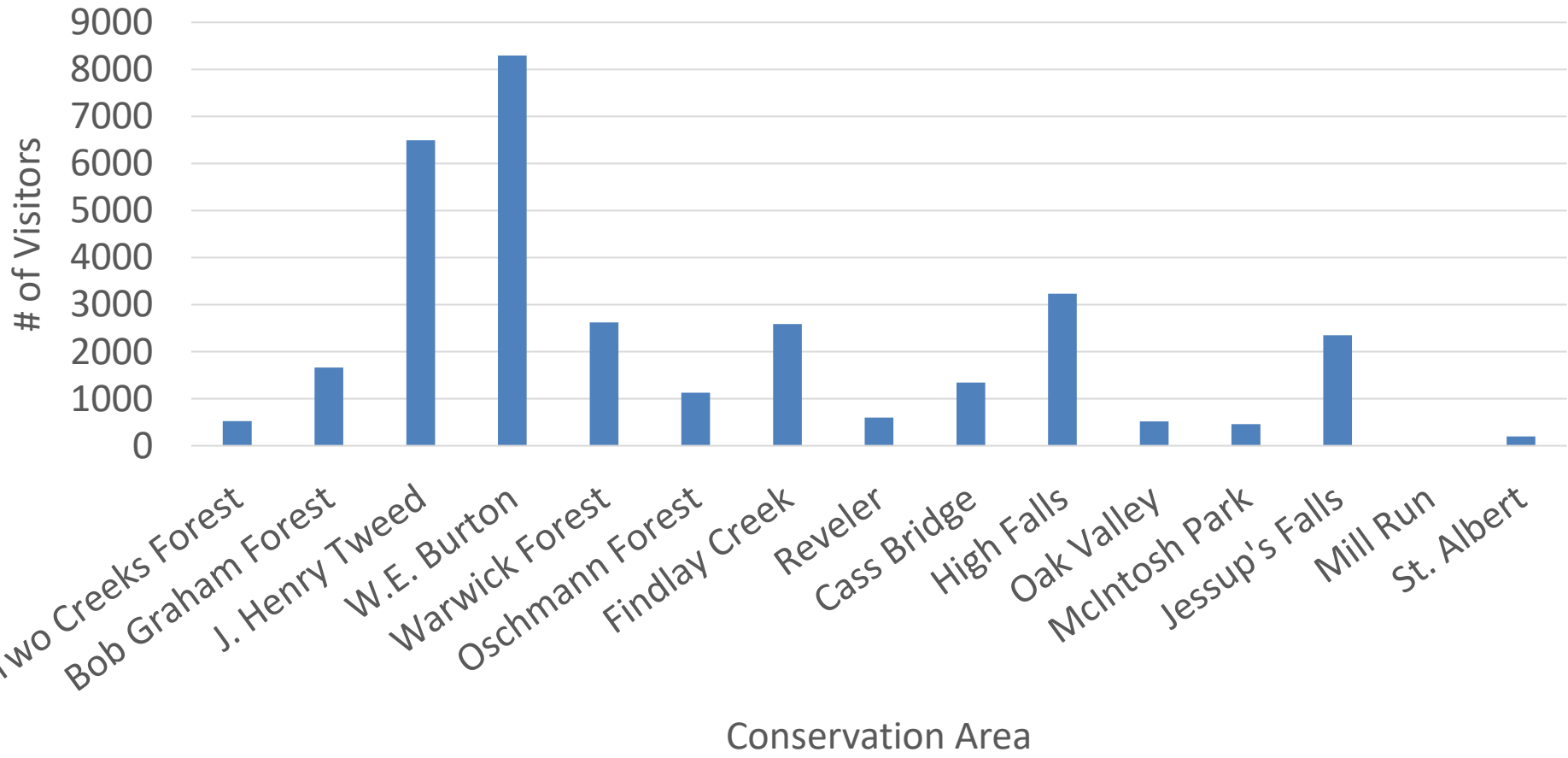
Chesterville Dam – Chesterville, Ontario

- Request for quotes sent out for 2025 work on Chrysler Dyke rip rap
- New buoys have been delivered and will be deployed for 2025 at Russell Weir and Chesterville Dam



Conservation Area Visitor Stats

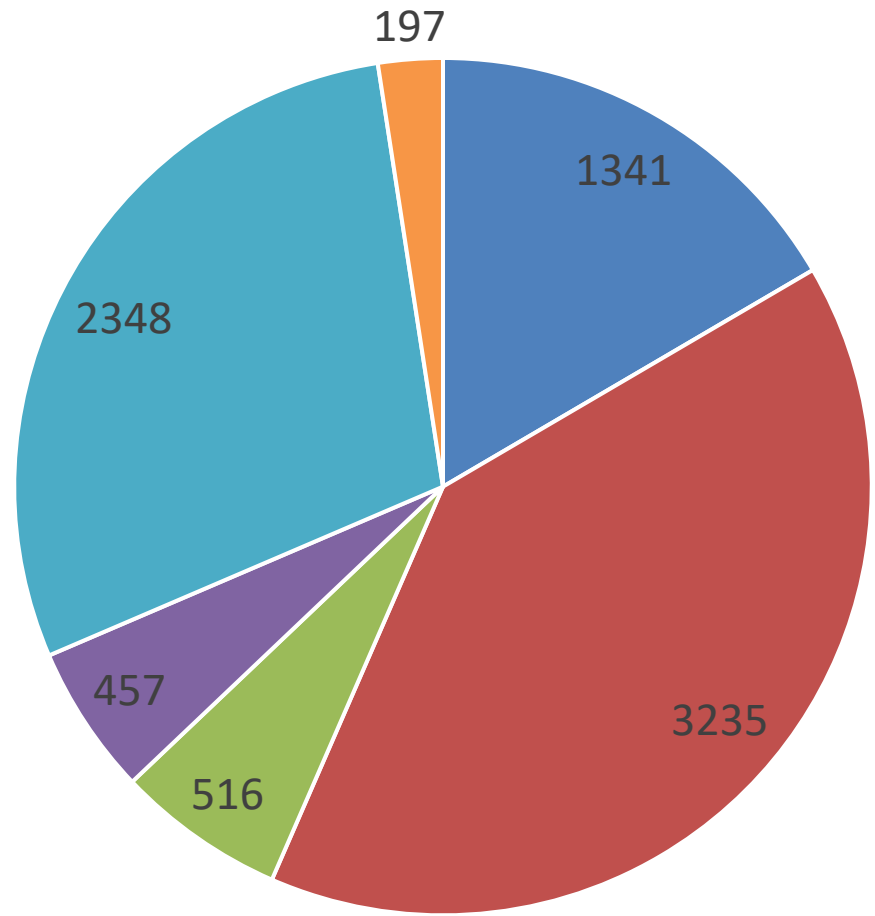
Visitors in November





Conservation Area Visitor Stats

Recreational Park Visitation

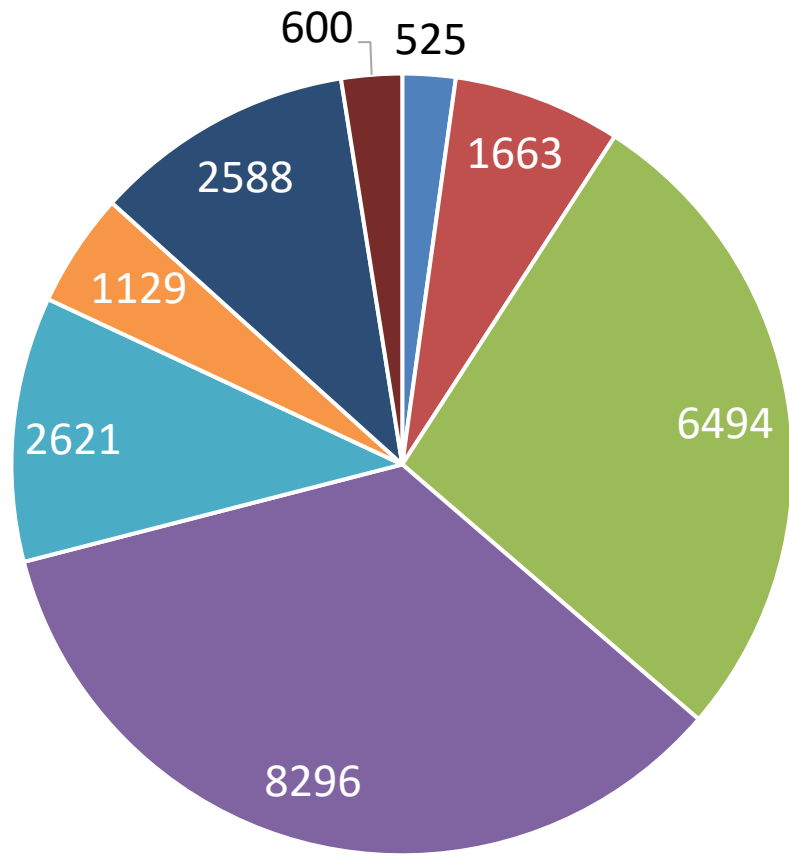


■ Cass Bridge ■ High Falls ■ Oak Valley ■ McIntosh Park ■ Jessup's Falls ■ St. Albert



Conservation Area Visitor Stats

Visitors to Trail



- Two Creeks Forest
- Bob Graham Forest
- J. Henry Tweed
- W.E. Burton
- Warwick Forest
- Oschmann Forest
- Findlay Creek
- Reveler



Tree Planting at Jessup's and High Falls CA

- 10 large caliper trees planted at High Falls
- 11 caliper trees planted at Jessup's Falls





Debris Boom Removal (Plantagenet)

- Logs and debris were removed from booms before they were removed





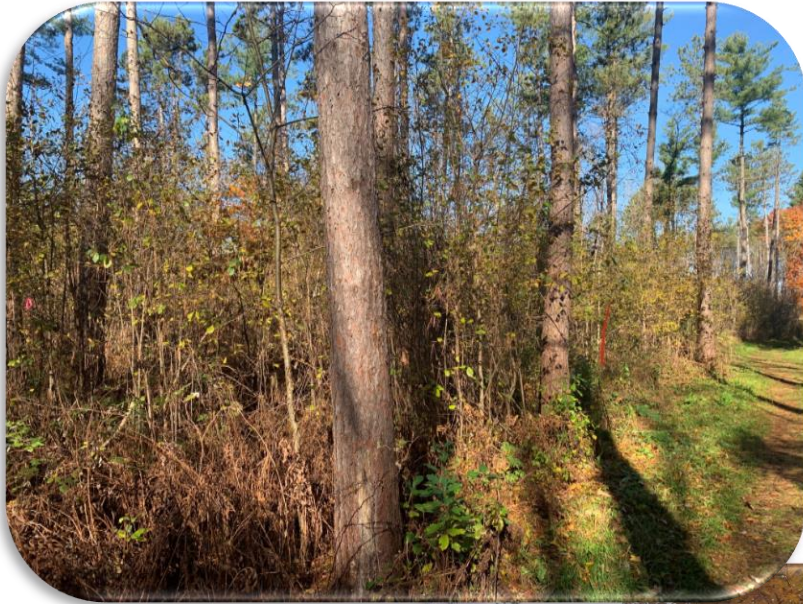
Robert Graham Forest CA - Trail Management

- Continued trail and tree management in SNC Conservation Areas
- Trail improvements and buckthorn control at Robert Graham Forest





Robert Graham Forest CA - Trail Management



Before Invasive
Buckthorn Management



After



During



Stop Orders



Permit compliance inspection
Municipality of South Dundas

- New ability for CAs as of April 1, 2024
- An officer may make an order requiring a person to stop engaging in an activity if there are reasonable grounds to believe:
 - 1) the person is contravening or will contravene the CA Act or the conditions of a permit;
 - 2) the activity has caused, is causing, or is likely to cause significant damage; and
 - 3) the order will reduce the damage
- SNC Officers have issued two Stop Orders to date

Our Local Environment, We're in it Together.



SOUTH NATION
CONSERVATION
DE LA NATION SUD