



SOUTH NATION
CONSERVATION
DE LA NATION SUD

Project Update

February 17th, 2022



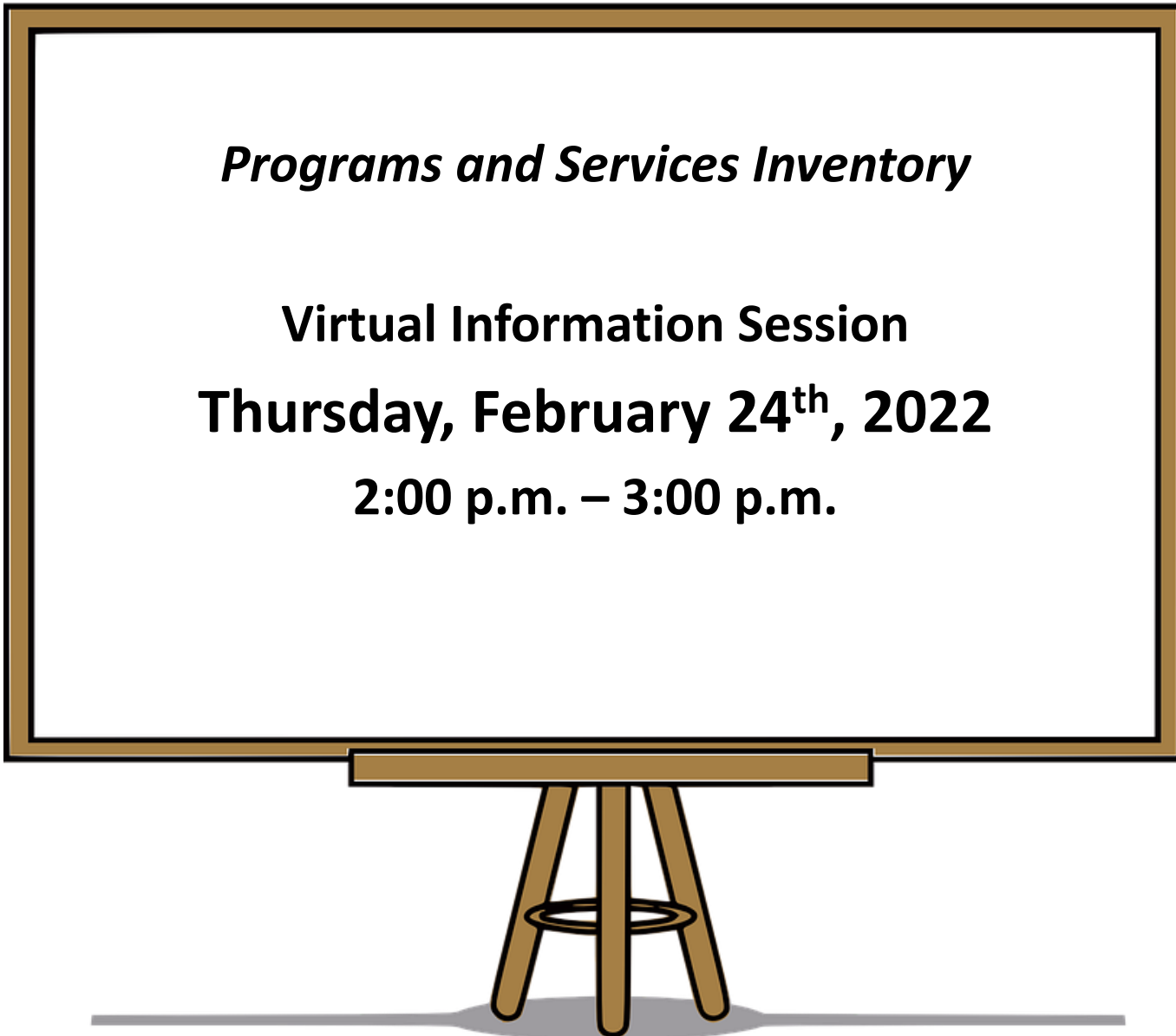


Programs and Services Inventory

Virtual Information Session

Thursday, February 24th, 2022

2:00 p.m. – 3:00 p.m.





Stakeholder Engagement: Standing Committees



July 2021 Communications Committee Meeting
Jessup's Falls, Alfred-Plantagenet

March 3rd, 2022 (virtual)

9:00 a.m. Clean Water

10:00 a.m. Forestry

1:00 p.m. Joint Standing Committee

3:00 p.m. Fish and Wildlife

3:00 p.m. Communications



Protecting People and Property



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FLOOD FORECASTING & WARNING

ANNUAL INFORMATION SESSION FOR
MUNICIPALITIES AND EMERGENCY RESPONDERS

Thursday, March 3, 2022

10:00 AM to 12:00 PM

Online via Microsoft Teams



Photo: Presqu'île, Lefavre, Ontario - Ottawa River Flood 2017

- Hosting Emergency Management and Response Staff from Partner Municipalities and the Provincial Government
- Speakers from Ministry of Northern Development, Mines, Natural Resources and Forestry, Environment and Climate Change Canada, Ottawa River Regulation Planning Board, and SNC



Protecting People and Property

Bear Brook natural hazard mapping:

- Hybrid public information Session, Thursday, March 31st, 2022 at 7:00 PM
- Meetings between residents and SNC staff offered in person or online

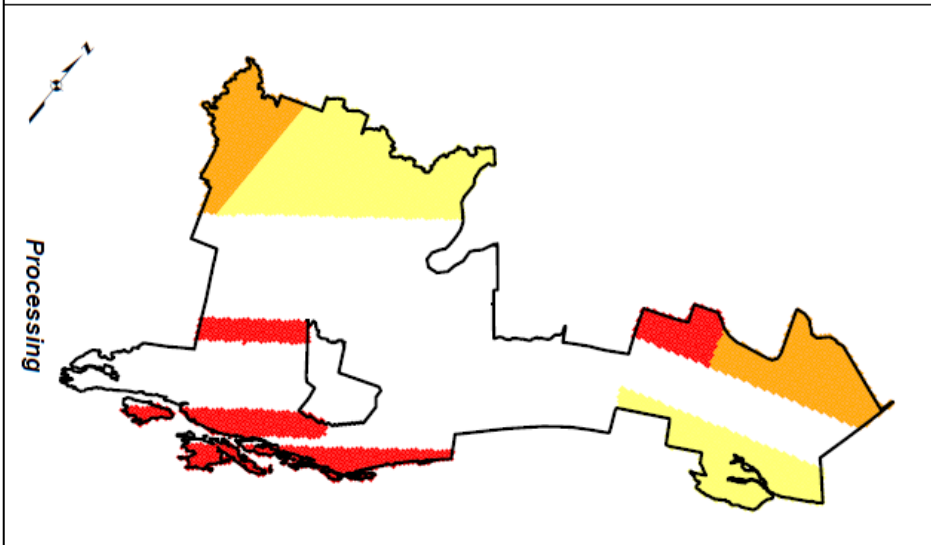
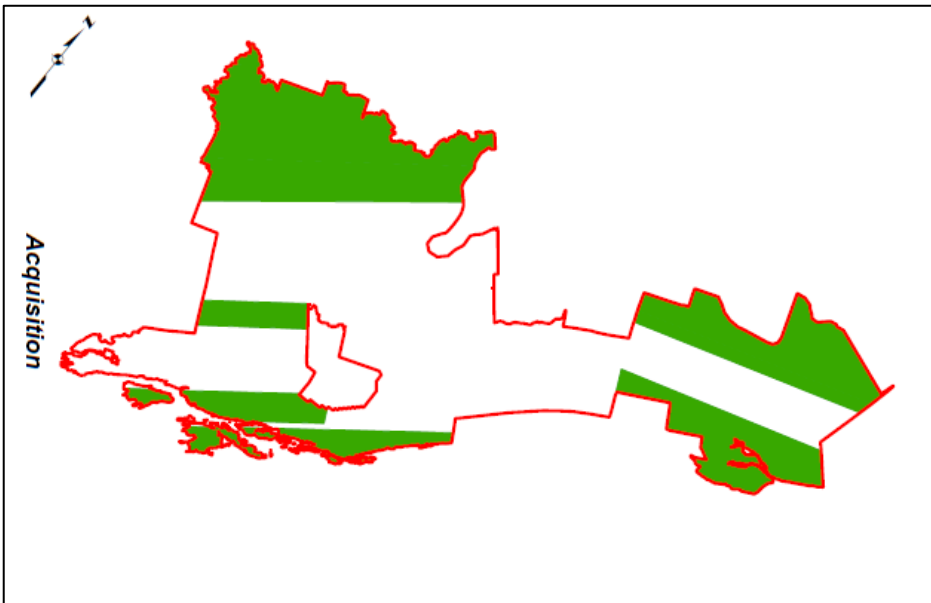


Shaws Creek Open House, January 2020
Vars, Ottawa

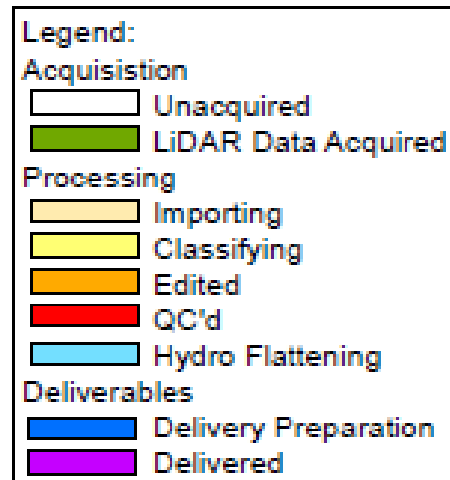


Eastern Ontario LiDAR Partnership

- Areas acquired in fall 2021
- Data processing in progress



Progress as of February 4, 2022





Informing Land Use Decisions

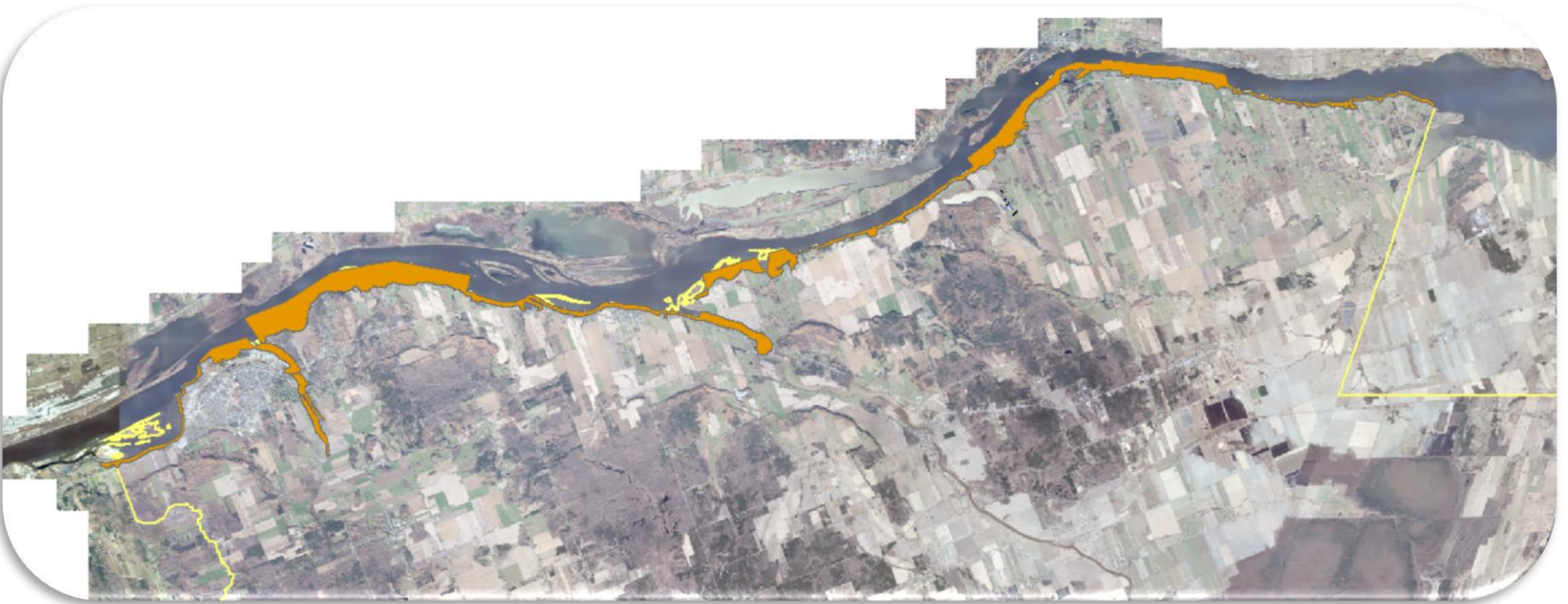


On-the-ground monitoring in Bear Brook River
Carlsbad Springs, Ottawa

- Preparing the South Bear Brook Catchment Study in 2022 to support sub-watershed planning
- Finalizing clear recommendations for the North Castor River catchment Report



Erosion Hazard Delineation



Ottawa River Erosion Hazard Map

- Regulated Area includes assessment of erosion hazards
- Current projects:
 - Bear Brook: approx. 88 km
 - Ottawa River: approx. 120 km



Partnerships to Map Wetlands



Dickenson's Creek wetland, Alfred Plantagenet

- Local municipalities have interest in updating Locally Significant Wetland maps
- SNC has a skilled wetland mapping team
- Met with Ducks Unlimited Canada on January 26th to present the project



Providing Recreational Opportunities: 75 KM Challenge Launch



Healthy Hike Event - Warwick Forest

- Over 200 people attended the 75th Anniversary Launch Event at the Warwick Forest on February 12th
- Free hot chocolate/coffee, campfire, snowshoes, live music and 75km Challenge registration
- SDG Warden Carma Williams, North Dundas Mayor Tony Fraser and North Stormont Councillor Steve Densham were in attendance



Family Fun at Warwick Forest,
North Stormont



Providing Recreational Opportunities: Winter Trail Maintenance



Nokomis Park, Russell

Winter Trail Maintenance

- Trail Grooming at seven Conservation Areas
- Russell Recreation Trail and Nokomis Park (through municipal agreement)
- Over 35 kms of groomed trails throughout the jurisdiction



Protecting Natural Spaces: Tree Management - Oschmann Forest



Oschmann Forest, North Dundas

Tree Management Update

- Addressing EAB infested ash trees along trail network
- Trees were identified in annual Tree Risk Assessment
- Wood to be sold to local fuelwood producer
- Trail remains open to users evenings and weekends



Protecting People and Property: Chesterville Dam



Chesterville Dam, North Dundas

Updates to Chesterville Dam Walkway

- New gates installed to limit access of motorized vehicles
 - Ensures pedestrian right of way
 - Increased public safety
 - Protects surface structure and limits future damage



Protecting People and Property: Stop Log Replacement



SNC Shop, Berwick
North Stormont



Water Infrastructure Maintenance

- 73 stop logs are used at the Chesterville Dam
- 10 stop logs now replaced
- Retired stop logs are retained for emergencies or repurposed in other projects



Snow and Ice Surveys

- Surveys support water management including Flood Forecasting
- Measuring characteristics such as depth and density to calculate “Snow Water Equivalent”
- 17 ice survey locations
- 7 snow survey locations

South Nation River Ice Survey, February 2021
Crysler, North Stormont



Planning for Growth – Census Updates



Aquatria along the South Nation in Casselman
<https://aquatria.ca/en/photos-videos/>

2021 Census Data for SNC Watershed

- Population change since 2016
- Significant residential growth within the jurisdiction
- Casselman, Ottawa, Russell had highest population increases
- Stormont County added 987 new residents