



SOUTH NATION  
**CONSERVATION**  
DE LA NATION SUD

# Board of Directors Project Update

June 17<sup>th</sup>, 2021





- Virtual Event hosted last Fall 2020 to open the property with project partners, more work is planned in 2021-2022 with support from Ontario Power Generation
- SNC Staff tied orange ribbons to trees planted for every Child remains recently found at the Residential School in Kamloops



# Protecting Natural Spaces and Engaging Communities



- New entrance sign will be installed at “The Healing Place” in Shanly
- Project in partnership with Indigenous and Community partners





# Outreach: Youth Fish Camps



2019 Youth Fish Camp At High Falls Conservation Area

## **Tentative Summer Youth Fish Camps Dates:**

- July 7 and 8, 2021 at  
Cass Bridge Conservation Area, Winchester
- July 14 and 15, 2021 at  
High Falls Conservation Area, Casselman
- July 21 and 22, 2021 at  
Jessup's Falls Conservation Area, Plantagenet
- August 4 and 5, 2021 at  
High Falls Conservation Area, Casselman
- August 11 and 12, 2021 at  
Cass Bridge Conservation Area, Winchester



# Working Forest - Inventories



Current Resident Curious of New Owners  
*Photo: Brent Harbers*

## Alfred-Plantagenet

### Wildlife Assessment:

- 35+ Species
- 3 Species at Risk Birds
- 1st observation Canada Warbler

### Plant Inventory:

- In progress
- 1 ecological community assessed (Open Heath Savannah)
- 34+ species identified



# Supporting Municipal Planning



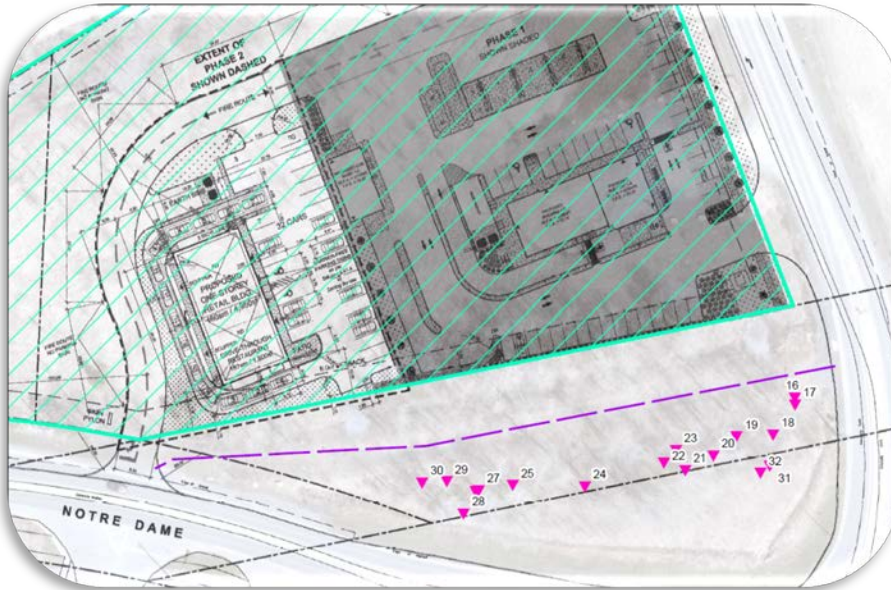
Common White Sucker, Bear Brook  
Carlsbad Lane, City of Ottawa

## South Bear Brook Catchment Study

- Fish community sampling using various methodologies
- Indicator of water quality and overall health of the watercourse
- Supports recommendations for protection or restoration



# Planning for Trees



Commercial Development Site  
Embrun

- Good planning is about finding balance
- Can be challenging in urban areas (limited space, maintenance, competing priorities)
- SNC works with municipal partners and developers to offer forestry advice on development sites





# Technical Advice on Watercourses



- City requests CA input to implement Zoning and Official Plan policies.
- CA provides technical expertise, local knowledge, water monitoring data.
- Coordination between CA Regulations and City Bylaws.





# Recreation: Augusta Park Opening



Augusta Township New Park Location

## New park property in Augusta now transferred to South Nation Conservation!

- Staff will be installing signs and completing landscaping work at the site in July to open the site to the public
- A Board Report will follow in August to approve the designation and management of the Conservation Area through agreement with the Township of Augusta



# Recreation: Ash Tree Removal Work



Cass Bridge Conservation Area

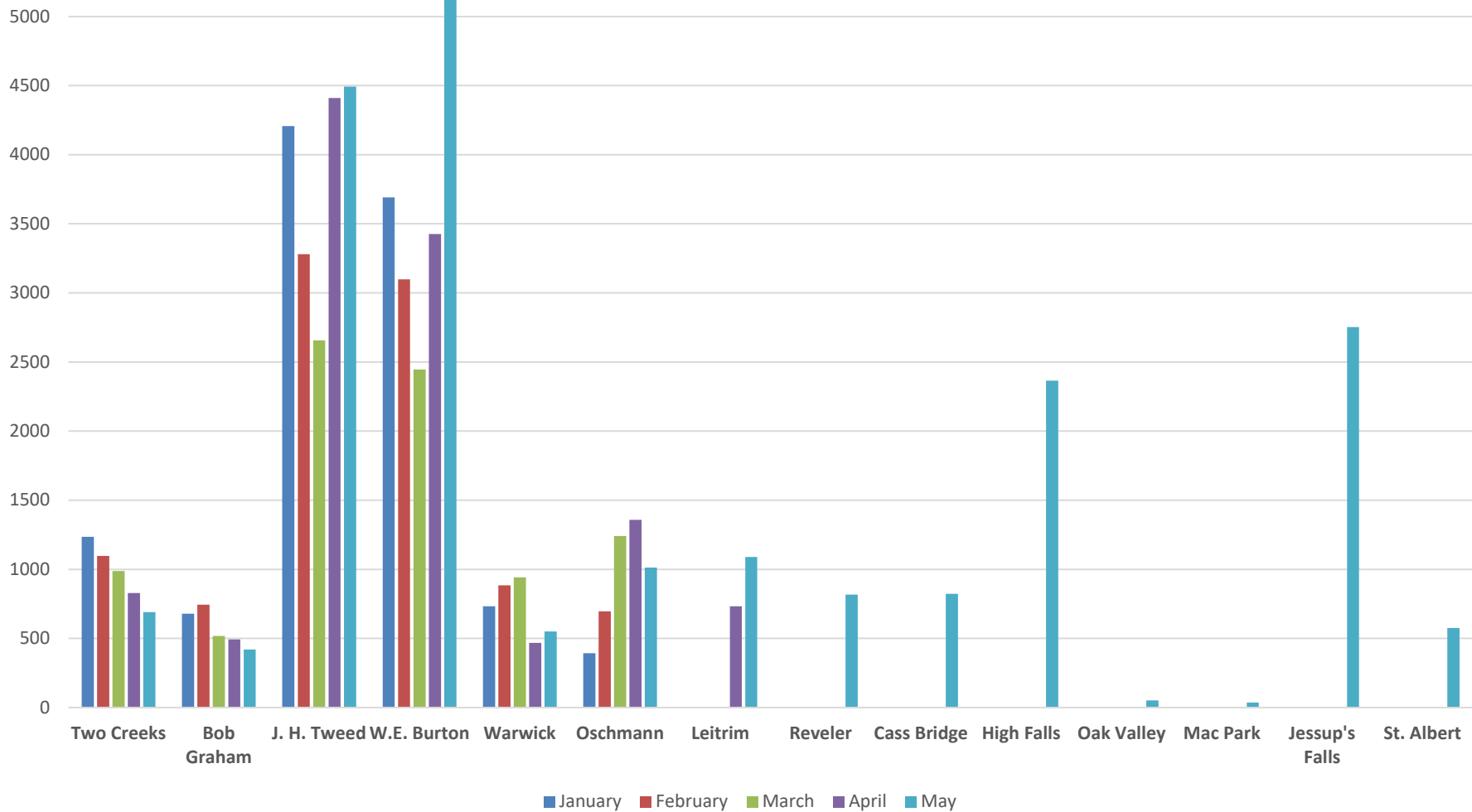
## Ongoing Conservation Area Restoration

- Ash Tree Management at the Cass Bridge Conservation Area (Park Closed on June 7<sup>th</sup> and 8<sup>th</sup>)
- Dead Tree Removal from Boundary Trees in the J. Henry Tweed Conservation Area (Temporary Trail Closure on May 31<sup>st</sup>)
- Site Clean Up and Dead Tree Removal at the Oschmann Forest Conservation Area (Park Closed from June 15<sup>th</sup> to 18<sup>th</sup>)
  - Firewood being donated to the House of Lazarus
- Tree management also occurred (without closures) at the St. Albert, McIntosh Park, High Falls and Doran Park Conservation Areas over last two weeks



# Recreation: Monthly Park Visitation Stats

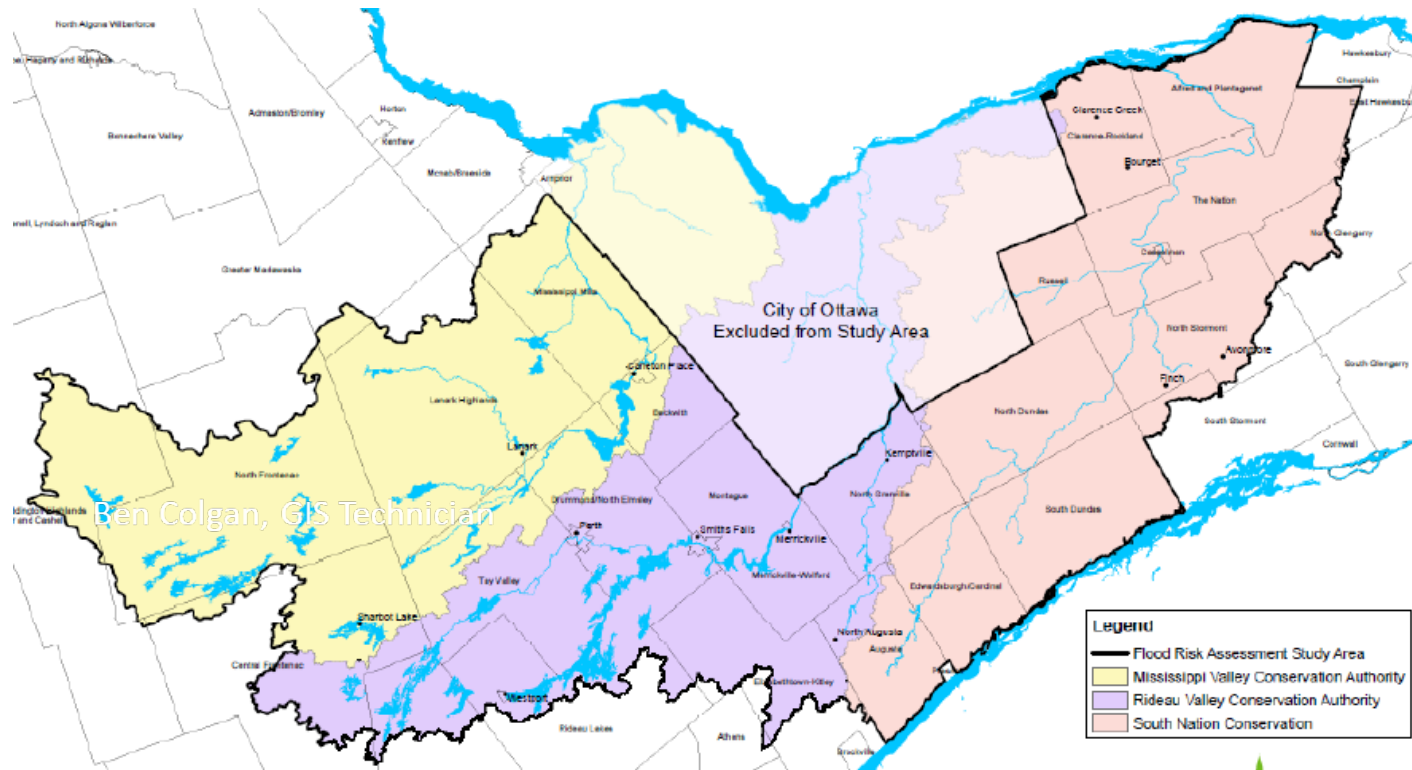
Visitors Recorded at SNC Conservation Areas (January - May 2021)







# Flood Risk Assessment Partnership



- Partnership: RVCA, MVCA and SNC
- Project goal: based on the risk assessment, prepare a 10-year Floodplain Mapping Plan
- A Request for Proposal was published on June 9<sup>th</sup>, 2021, closing date June 30<sup>th</sup>, 2021



# Data Collection to Support Floodplain Mapping



## Bear Brook Hazards Mapping Project

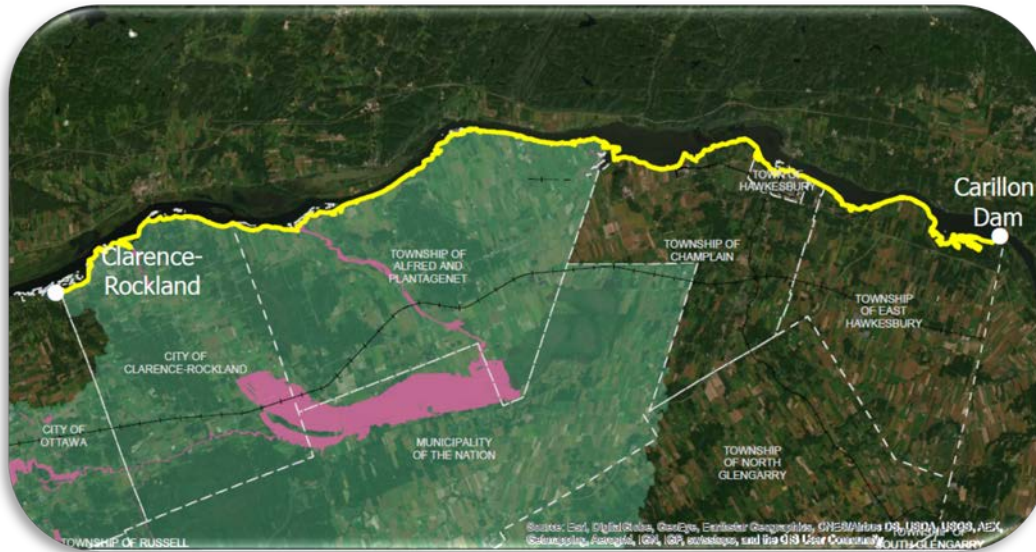
- 39 public structures
- 63 private structures

Surveying for Floodplain Mapping  
City of Ottawa



# Ottawa River Hazards Mapping

- From Cumberland to Carillon Dam – 65 km
- SNC staff will:
  - assess water depths;
  - assess wind and ice; potential effects on water levels;
  - update models; and
  - delineate floodplain and erosion hazards to determine the regulations line







Installation of cameras to study river hydrodynamics  
Black Canyon, Fraser River, BC.

## **Saber Ansari - Msc. EIT** Water Resources Specialist

- PhD Candidate, Civil Engineering, University of Ottawa
- Master, Civil Engineering, University of Ottawa
- More than 7 years of experience



## **Mostafa Ghiyasvand, GIS Analyst**

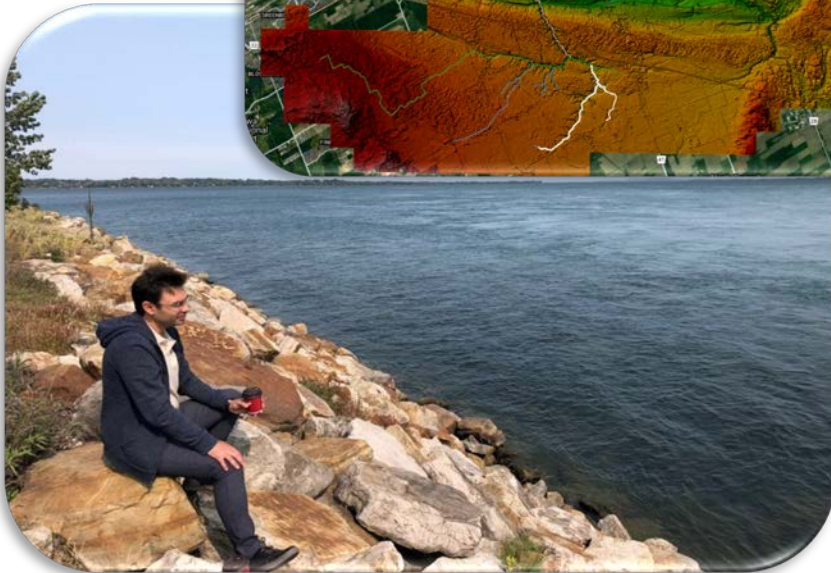
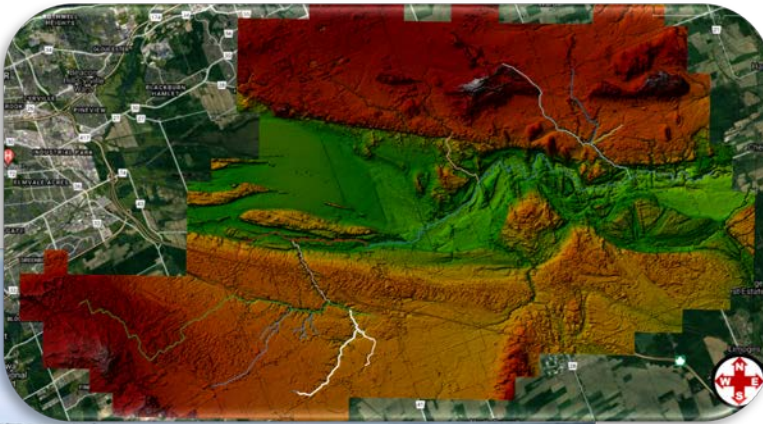


- Master, Geography, Environnement and Geomatics, Guelph University
- Master, Remote Sensing and Geographic Information System
- 6 plus years of experience
- GIS Analyst/Developer experience



## Shahin Zand - EIT Water Resources Specialist

- Water Security and Climate Change Master from the Concordia University, Montreal
- 7+ years of experience Flood Modeling





# Our Local Environment, We're in it Together.



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