



SOUTH NATION  
**CONSERVATION**  
DE LA NATION SUD

# Board of Directors Project Update

August 19<sup>th</sup>, 2021





Log Operations at MVCA



Interview with CTV – Drought Conditions

## Shannon Gutoskie Communications Specialist

- 15 years of Media and Communications experience; previous 6 years as Mississippi Valley Conservation Authority's Community Relations Coordinator; Press Secretary (Minister of International Trade), Manager of Communications (Ontario Federation of Anglers and Hunters), Reporter (CTV, CBC)
- Print and Broadcast Journalism Diploma (Honours) Canadore College, North Bay



## **Alix Jolicoeur**

Watershed Planner

- Masters of Urban and Regional Planning, Queen's University
- Bachelor of Environmental Studies, York University
- 5+ years of planning experience with Russell Township



Toronto Event Photography

## **Shannon Murray**

Stewardship and Outreach Assistant

- Bachelor of Arts - Environmental Studies (Minor - Film Studies): Carleton University (Ottawa), Post-Graduate Certificate - Environmental Visual Communications: Fleming College and the Royal Ontario Museum (Toronto)
- 6+ years experience in Communications and Design, 10+ years of experience in Photography/Videography



# Approvals Student Experiences



- Tree planting and giveaways;
- Regulation permit applications and file support;
- Planning and regulations workflows and tools;
- Drinking Water Source Protection;
- Community Stewardship and Outreach
  - Presentations to local organizations and media;
  - Youth Fish camps.

Alicia and Mary-Louise planting trees in Alfred-Plantagenet



Providing free trees in Clarence-Rockland



Supporting Youth Fish Camps



# Stewardship Student Experiences



Invasive plant removal at Warwick Forest



Youth Fish Camp, Jessup's Falls

- Watershed Management and Monitoring
  - Turtle nesting habitat and vernal pool water level monitoring
  - Invasive plant inventories on SNC properties. 5-year Management Plans drafted for each property.
  - Invasive dog-strangling vine removal at Warwick Forest and Reveler Conservation Areas
- Community Stewardship and Outreach
  - Youth Fish Camps, invasive species awareness activities



# Stewardship Student Experiences



Invasive plant removal at Warwick Forest

- Watershed Management and Monitoring
  - Water quality and fish sampling
  - Turtle nesting habitat and vernal pool water level monitoring
  - Invasive dog-strangling vine removal at Warwick Forest and Reveler Conservation Areas
  - Water temperature data management



- Community Stewardship and Outreach
  - Youth Fish Camps, water quality demonstrations and analysis

Leading water quality testing at Fish Camp in Casselman



# Engineering Student Experiences



Floodplain mapping  
infrastructure surveying  
in Ottawa, Russell and  
Clarence-Rockland



- Support for Natural Hazard Programs
  - Bear Brook Floodplain Study
    - Private and public structure surveying
    - Hydrological modelling
    - Numerical flow analysis comparisons
  - Provincial Groundwater Monitoring Network (PGMN) and SNC Climate Station Monitoring



# Education: Youth Fish Camps



Fish Camp participants with a Carp  
Jessups Falls Conservation Area  
Alfred and Plantagenet

## SNC Youth Fish Camps Update

- 5 Youth Camps completed!
- Nearly 100 youth participants
- Ottawa Flyfishers presentation and demonstration
- Water Rangers Testing Kit for water quality demonstrations
- Press Release with photos issued August 16, 2021



# Stewardship and Outreach: Visit to Monarch Sanctuary



## Update on SNC Support for Pollinator Initiatives

- SNC visited the property of Christina Enright to capture video of her Butterflyway Project Monarch Habitat — to be used in online promotion
- SNC hosted last SDG network meeting on August 18, 2021
- All municipal public works staff have now been invited to the CWF's Eastern Ontario Community of Practice



# SNC Communications Committee Meeting at Jessup's Falls



- Socially-distanced outdoor meeting at Jessup's Falls with the SNC Communications Committee
- Rainy weather, but overall positive feedback from Committee Members

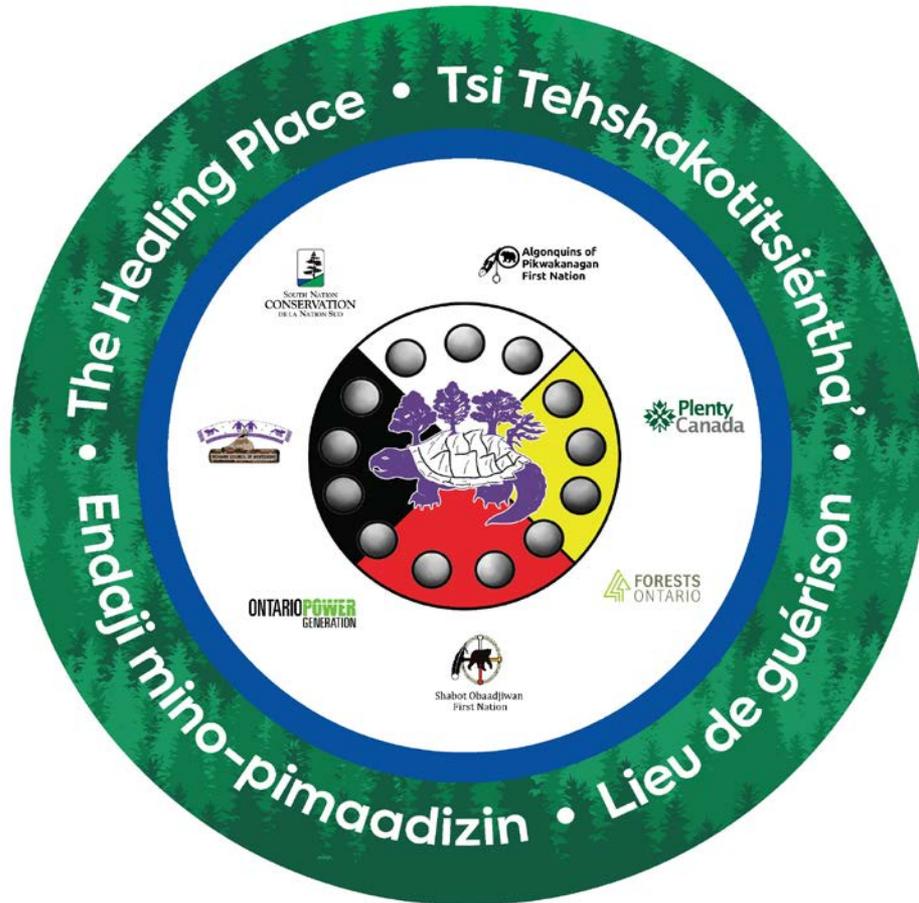


Communications Committee Meeting  
Jessup's Falls, July 30, 2021





# A Journey to Reconciliation



## “Remembering the Children”

Thursday, October 14<sup>th</sup>, 2021

The Healing Place  
8040 County Road 22  
Shanly

# Recreation: Temporary Robert Graham Forest Closure



Robert Graham Conservation Area  
Glen Stewart, South Dundas

## Robert Graham Forest Conservation Area

- Temporarily closed for trail upgrades from:
  - August 16 – 20 and August 23 – 26
- Part of SNC's continued commitment to maintain and improve its public parks
- Activities include:
  - removing an additional 75+ hazard trees, widening the trail, installing new culverts to improve drainage, resurfacing trail



# The Working Forest



## Infrastructure Projects

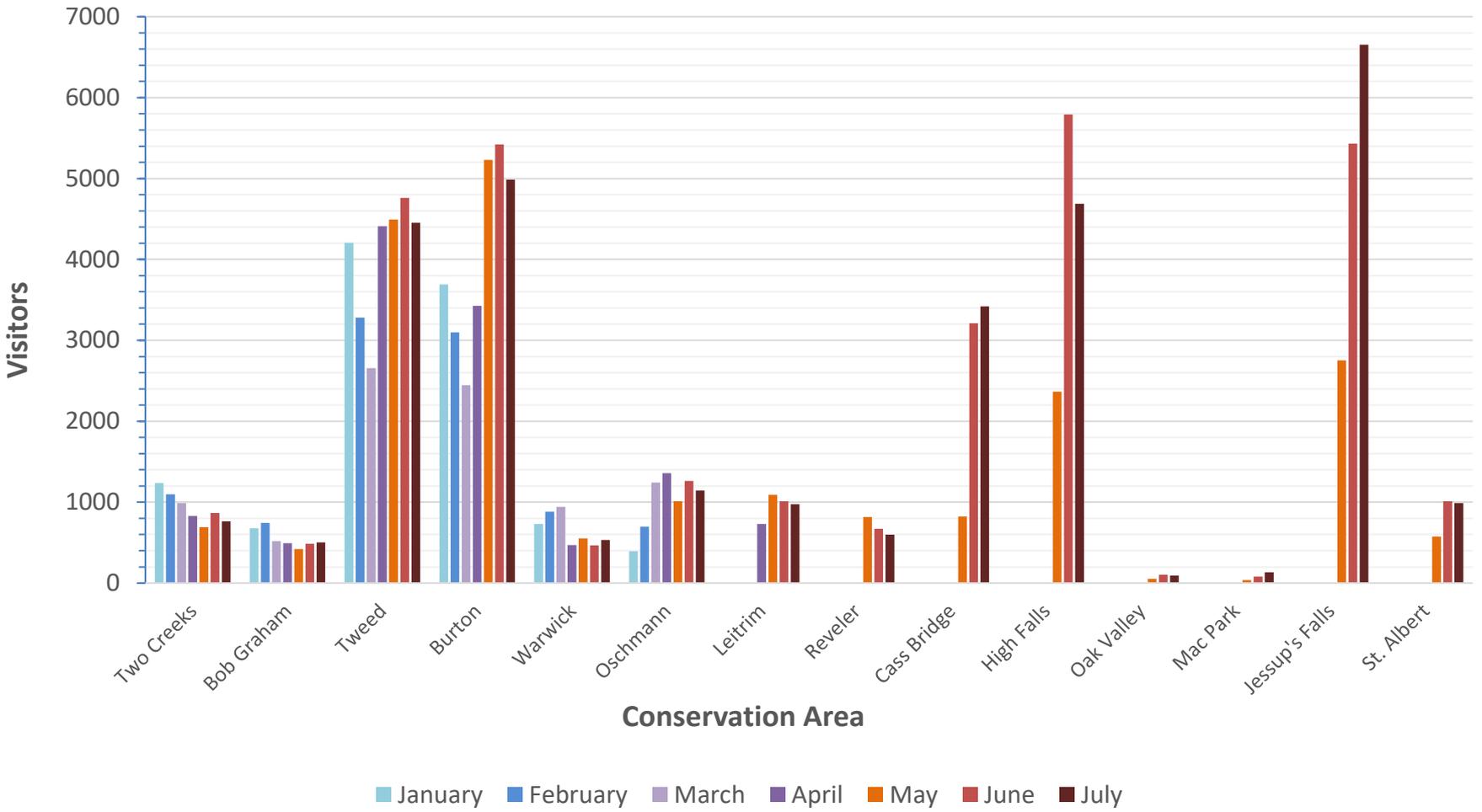
- Signage
- Site Preparation
- Landing Maintenance
- Well Decommissioning
- Hazard Tree Removals

Preparation for under planting  
Stormont Dundas Glengarry Forest



# Recreation: Conservation Area Use – Monthly Stats

## Visitors Recorded at SNC Conservation Areas (January - July 2021)





# Local Climate Change Initiatives

**SOUTH NATION  
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**Climate Change Vulnerability Assessment  
for River Catchments in the  
South Nation River Watershed**

With support from:

**Eastern Ontario Water Resources Program /  
Programme des ressources en eau de l'Est de l'Ontario**

August 30, 2021

[www.nation.on.ca](http://www.nation.on.ca)

**Ottawa**

**Climate Resiliency Strategy**

**Project Overview for Key Community Stakeholders**

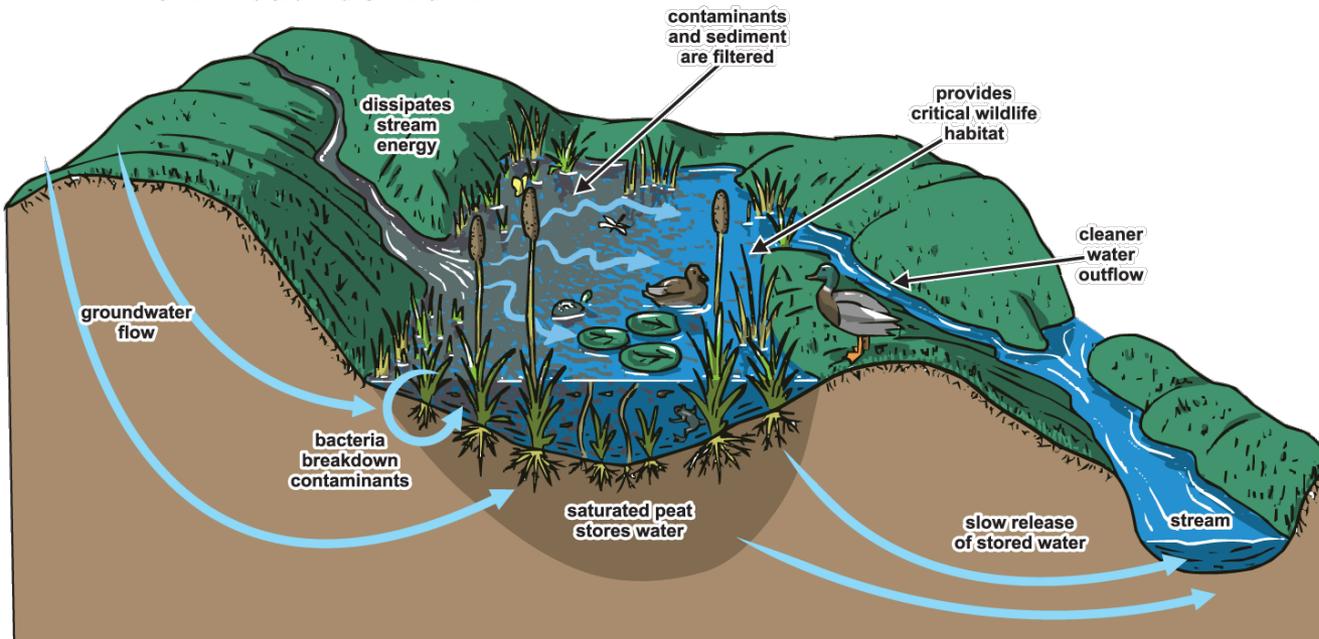
July 15, 2021

- Staff studying the impacts of local climate change on water resources
- SNC contributing to the development of Ottawa's Climate Resiliency Strategy



# Natural Assets: Wetlands

## How wetlands work



Source: [http://www.conservationindia.org/wp-content/files\\_mf/image\\_wetlands.png](http://www.conservationindia.org/wp-content/files_mf/image_wetlands.png)

- Major rain and flood events predicted to increase in severity and frequency
- Wetlands (PSW's, LSW's, unevaluated wetlands) are the best natural and existing form of stormwater management



# Natural Hazards Projects



## Bear Brook

- Letters to 103 property owners
- Surveyed: 74 culverts and 36 bridges



## Ottawa River

- Letters to over 1500 residents
- Surveyed: app. 80 km





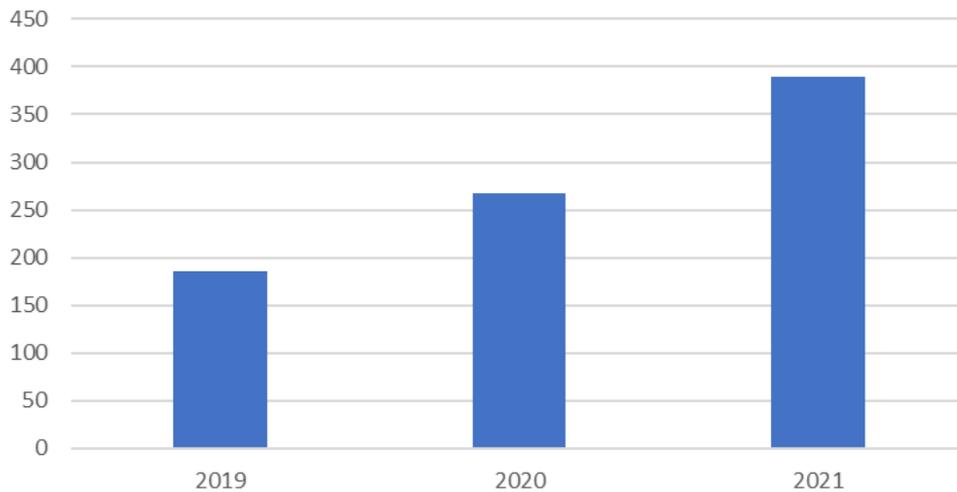
Delivering shared programs  
South Stormont

- Request to assist with CA planning in SDG County
- Working with Raisin Region on progressive service model
- Creating more consistency and reducing overlap
- Meeting with new County Planner to discuss priorities



# Planning Activity Comparison by Year

Total Applications January -August



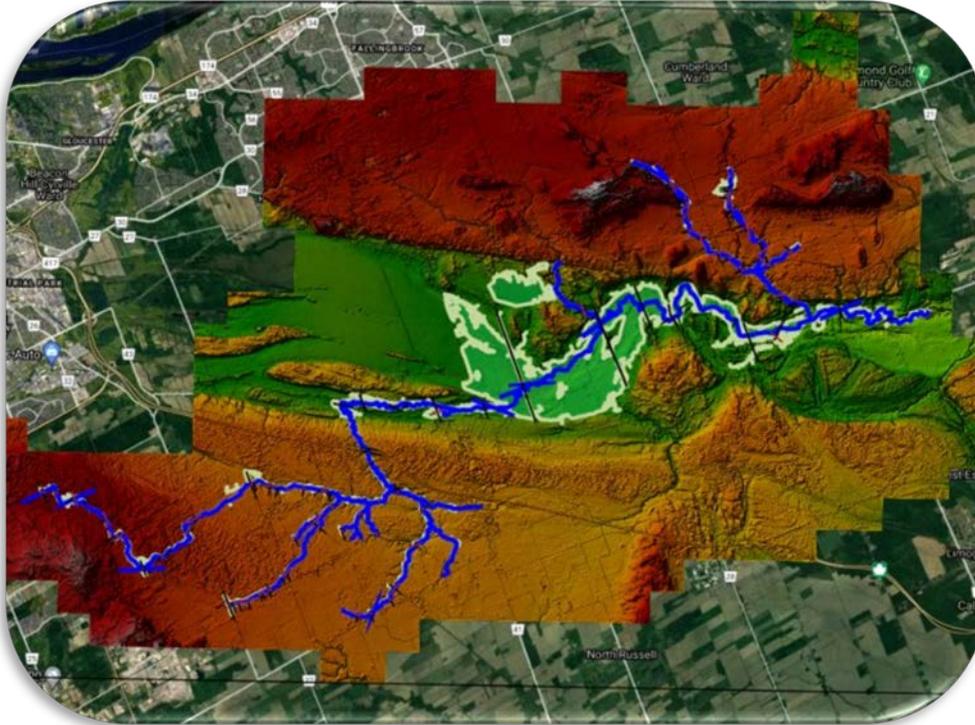
- 49 SDG severances in June/July
- 136 technical reviews in 2021
- 450 applications by end of 2020
  - 389 applications by August 2021



# SNC Portal Improvements



- Optimizing database and boosting efficacy of the internal portal
- Benefit: improve productivity and increase efficiency for development reviews



Hydraulic Model  
Bear Brook Watershed

- 22 Data Requests completed in 2021
- Data: natural hazards, biological data, water quality, Lidar and aerial photography, models
- SNC supports development proposals and academic research



# Watercourse Interference

Realign Watercourse

Fill Floodplain

Sediment/Erosion Controls

Municipal Staff



City of Ottawa

Our Local Environment, We're in it Together.



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