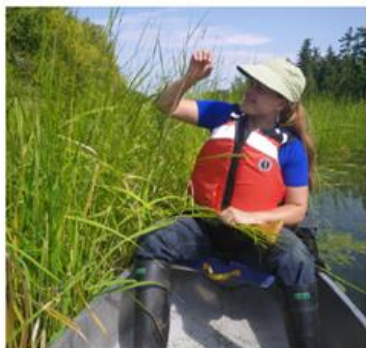




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Project Update

November 16th, 2023





New Staff: Marieh Rajaie



- Moved to Canada in 2017
- PhD in Coastal Engineering, uOttawa
- Previously in construction
Water Resources Specialist
- Favourite hobbies:
Hiking, kayaking, and painting



Category 3 – Municipal Agreement Update

Municipality	Status	Council Meeting
Elizabethtown-Kitley	By-law approved	August 14 th
North Stormont	By-law approved	August 15 th
Edwardsburgh Cardinal	By-law approved	September 28 th
Augusta	By-law approved	September 11 th
North Grenville	By-law approved	September 13 th
Alfred & Plantagenet	By-law approved	October 3 rd
South Dundas	By-law approved	October 11 th
Ottawa	Motion approved	October 11 th
North Dundas	By-law approved	October 17 rd
North Glengarry	Motion approved	November 13 th
Champlain	By-law approved	October 26 th
Nation	By-law pending	TBC
Clarence-Rockland	By-law pending	December 13 th
South Stormont	By-law pending	November 22 nd
Casselman	By-law pending	November 28 th
Russell	By-law approved	November 14 th



Findlay Creek Boardwalk Grand Opening



- Saturday, October 21st
- ~50 Project Partners, Community Members, and Friends of SNC in attendance



Boardwalk Extension Grand Opening, October 2023



Education: Findlay Creek Boardwalk



Summerside Public School, October 2023

- Over 80 grade 8 students from Summerside Public School in Orleans
- Boardwalk tour, water quality demonstration, invasive species removal
 - October 24th – 25th



Conservation Areas Workshop



CA Workshop 2023, Orillia

- October 24th – October 26th
- Site visits to local CA's and interactive workshop sessions at Fern Resort
- Final year as Past Chair on Workshop Committee



Annual CA Communications Forum



CA Communications
Workshop, 2023



- Wednesday, November 15th
at Credit Valley Conservation
- Professional development
opportunity for Conservation
Authority Communications
staff



SNC Holiday Activities



Tree Lighting Ceremony, 2022

- Friday, November 24th
 - McIntosh Memorial Park Tree Lighting Ceremony
- Friday, December 1st
 - SNC Staff Holiday Party
- Wednesday, December 6th
 - Staff Holiday Hike & Bonfire
- Wednesday, December 13th
 - Staff Homemade Cookie Potluck and Ugly Sweater Day
- Friday, December 22nd
 - Staff Holiday Potluck Breakfast



PRLA — Letters to Landowners

- Annual reminder to landowners in the landslide area
- SNC maintains a willing buyer willing seller policy dependent on external funding





Fall Survival Assessments



County Road 9, St Isidore
890 trees, year 2 assessment



- Tree planting sites under the 50 Million Tree Program
- Assessments required in year 2 and 5
- 81 sites visited
 - Year 2: 64%
 - Year 5: 59%



Forestry Services – Edwardsburgh Cardinal



Tree Planting Legion Park - Cardinal

Services provided:

- Professional services
- 25 large trees planted
- 175 trees assessed
 - 60 trees require pruning
 - 15 removals

Project is complete!



Forestry Service – Clarence Rockland

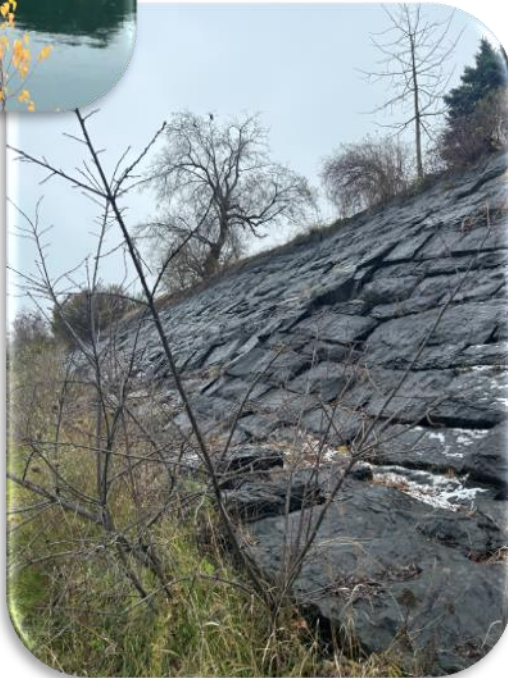


Services Provided:

- Review Municipal Tree-related Bylaws
 - in progress
- Base Mapping
- Tree Risk Assessments
 - 22 parks
 - 670 trees
- Plant Inventories
 - 3 natural area parks
- LiDAR-based Forest Inventory
 - In progress



Engineering Service - Edwardsburg Cardinal



- Township considering to provide public access to the Gallop Canal
- Gallop Canal assessment completed in 2007
- SNC service required:
 - Managing the retention of a consultant to prepare a risk assessment and propose solutions



Debris removal: Chesterville Dam

Before



During



After

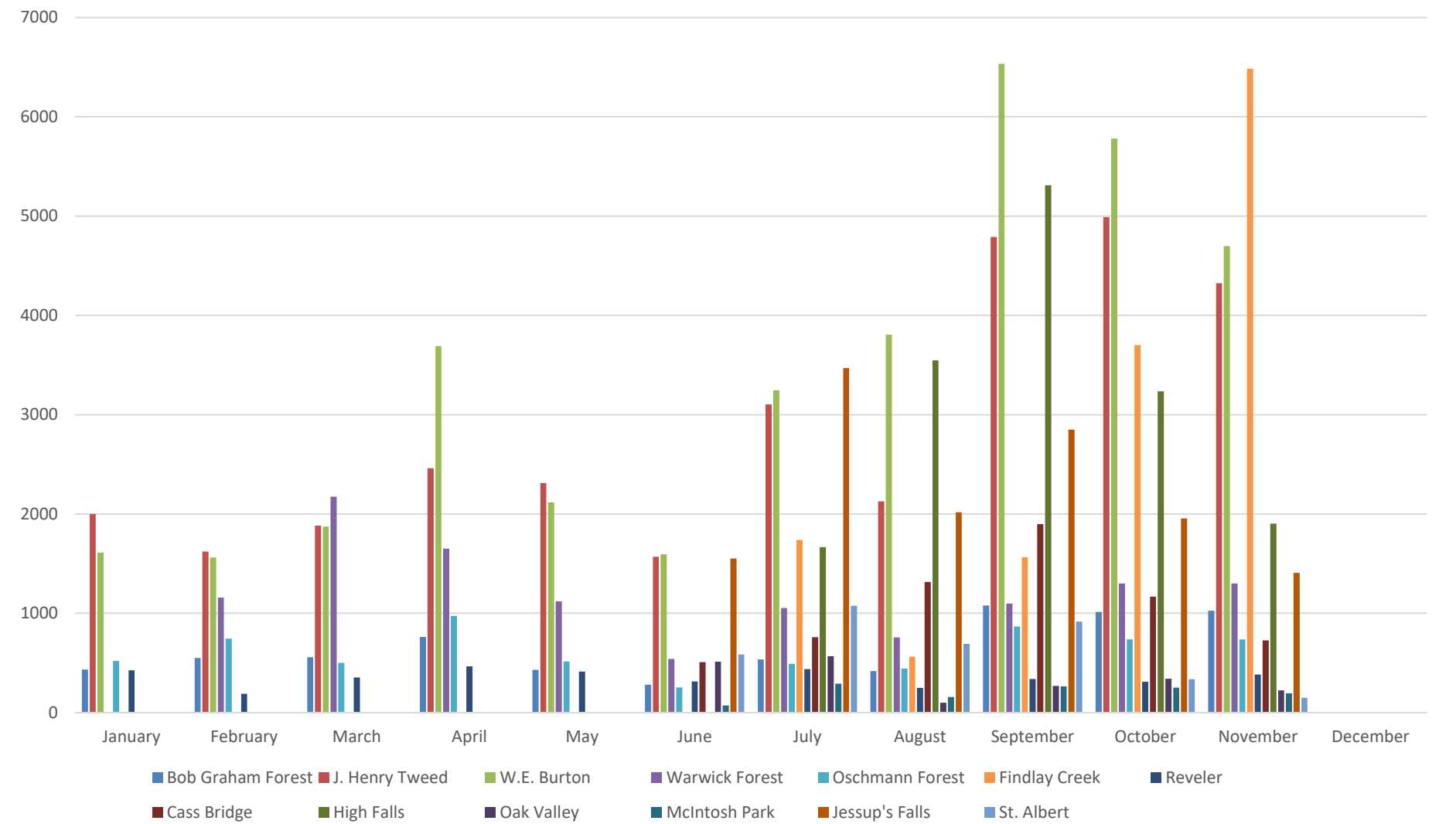


- Result of the 2022-2023 ice events
- Risk to the Chesterville Dam operations
- Fantastic work completed by SNC staff!



Conservation Area Visitor Stats

2023 Conservation Area Usage





Update: Accessible Washroom Construction



- Accessible washroom construction at High Falls CA approaching completion
- SNC's first full-service washroom



Monitoring Water Levels in Bear Brook



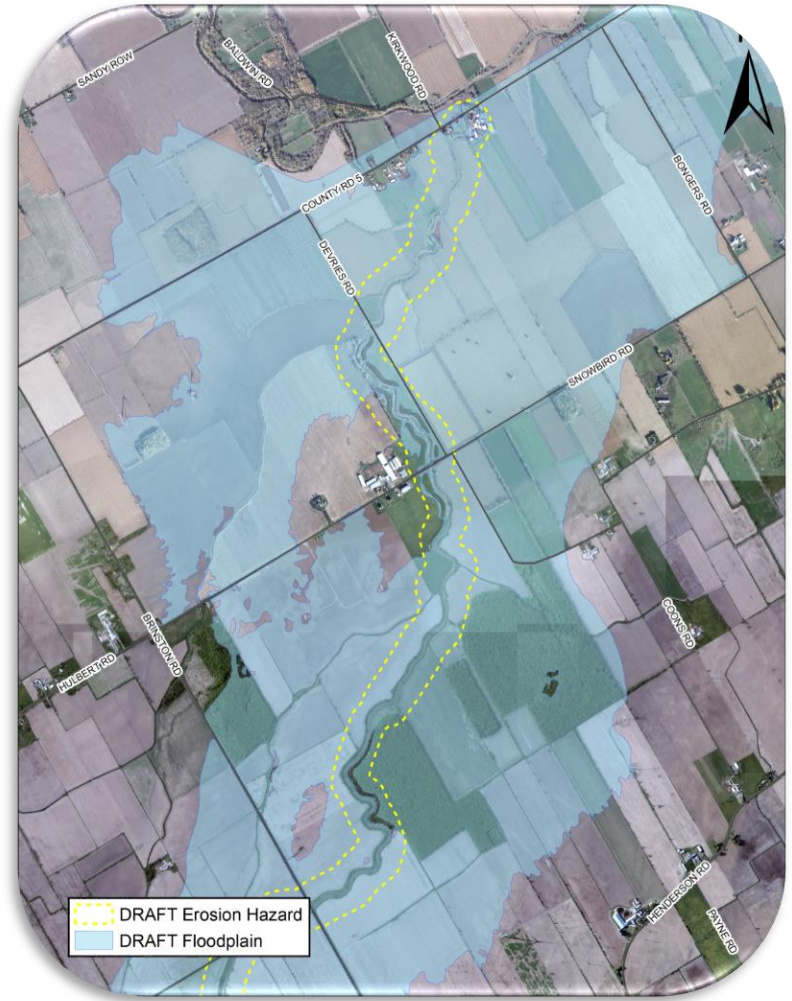
New Bear Brook stream gauge,
City of Clarence Rockland

- New real-time water level and flow gauge installed in Bear Brook on the City of Ottawa/UCPR boundary
- Increases understanding of existing conditions
- Contributes to early warning and alerting for flood conditions



South Branch of the South Nation River

- South Branch of the SNR Hazard Mapping is the first partnership between SNC and SDG
- Flood Hazard study is done and under peer review
- Erosion Hazard study is complete
- SDG is looking forward to meeting with SNC to discuss creating floodplain maps for their infrastructure





'Sinkhole' Site Visit in Moose Creek



- On October 26th SNC was contacted about a possible sinkhole at the Moose Creek Recreation Center
- Staff performed a site visit on October 27th
- Based on the analysis, the anomaly did not have features indicative of a sinkhole and did not pose a safety risk
- Recommendation: continue to monitor the area



Development around Unstable Bedrock



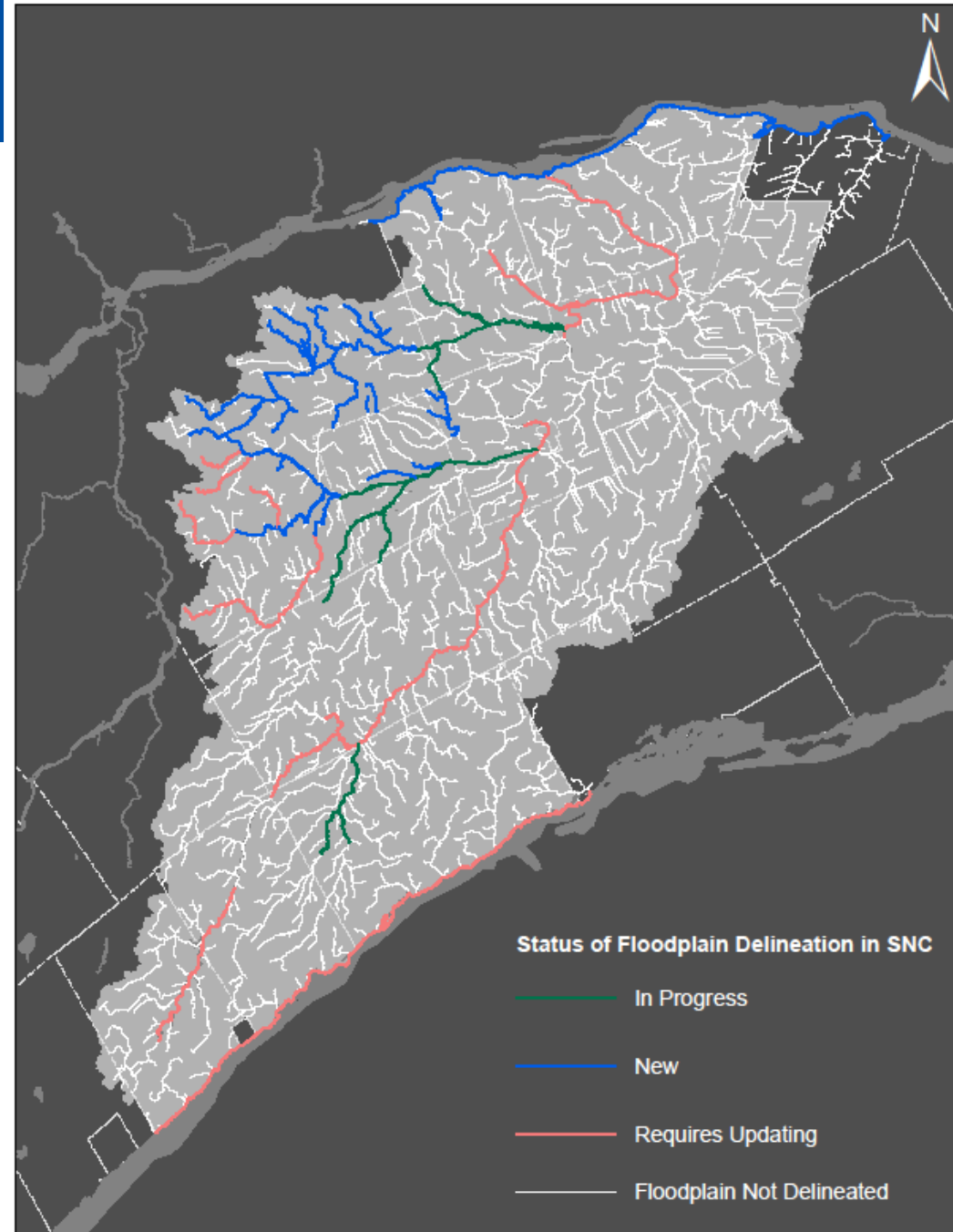
Proposed Subdivision – Township of North Grenville

- Karst indicator identified by proponent's professional consultant.
- Technical review of the report managed by SNC.
- Findings and recommendation supported by the second reviewer.



Floodplain Mapping

- Over the last 10 years:
 - SNC has updated 325 km
 - In progress: 125 km
 - Old floodplains that require update: 325.2
 - As urban areas extend, other streams will need to be mapped



Our Local Environment, We're in it Together.



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