



SOUTH NATION  
**CONSERVATION**  
DE LA NATION SUD

# Board of Directors Project Update

January 21<sup>st</sup>, 2021





# Outreach and Education: Virtual Field Trip



SHSM Seaway Eco Day

## **Virtual Ottawa and St. Lawrence River Field Trip for Grade 7-9 students**

- Funding support from the Province of Ontario





# New Partnership: Ducks Unlimited Canada



Atocas Bay Conservation Project  
Alfred and Plantagenet

- Provide expertise and support to secure project approvals
- Provide fisheries knowledge for wetland creation and maintenance projects



# Indigenous Partnership: Providing Floodplain Expertise

## MOHAWK COUNCIL OF AKWESASNE

Sustaining our inherent rights, facing challenges together, and building a strong and healthy future.



- Akwesasne Flood Management and Mitigation Project
- Proposal for the Flood Mapping Strategy Development Services submitted in December 2020
- Contract awarded: SNC primary consultant and St Lawrence River Institute supporting consultant



# Outreach and Education: Virtual Septic Training



- Virtual this year
- French participants
- February and March



# Protecting People and Property



Annual Flood Forecasting  
and Warning Information Day,  
March 2020

## Annual Flood Forecasting and Warning Information Day:

- Virtual workshop to be hosted by SNC in February.
- Attendees include municipal staff, Emergency Management Coordinators, and First Responders.





# Infrastructure Capital Projects



Crysler Dyke

- Gate heater and fan replaced at Chesterville Dam
- Chrysler Dyke Integrity Assessment
- Casselman Weir Concrete Assessment



# Flood Forecasting and Public Safety



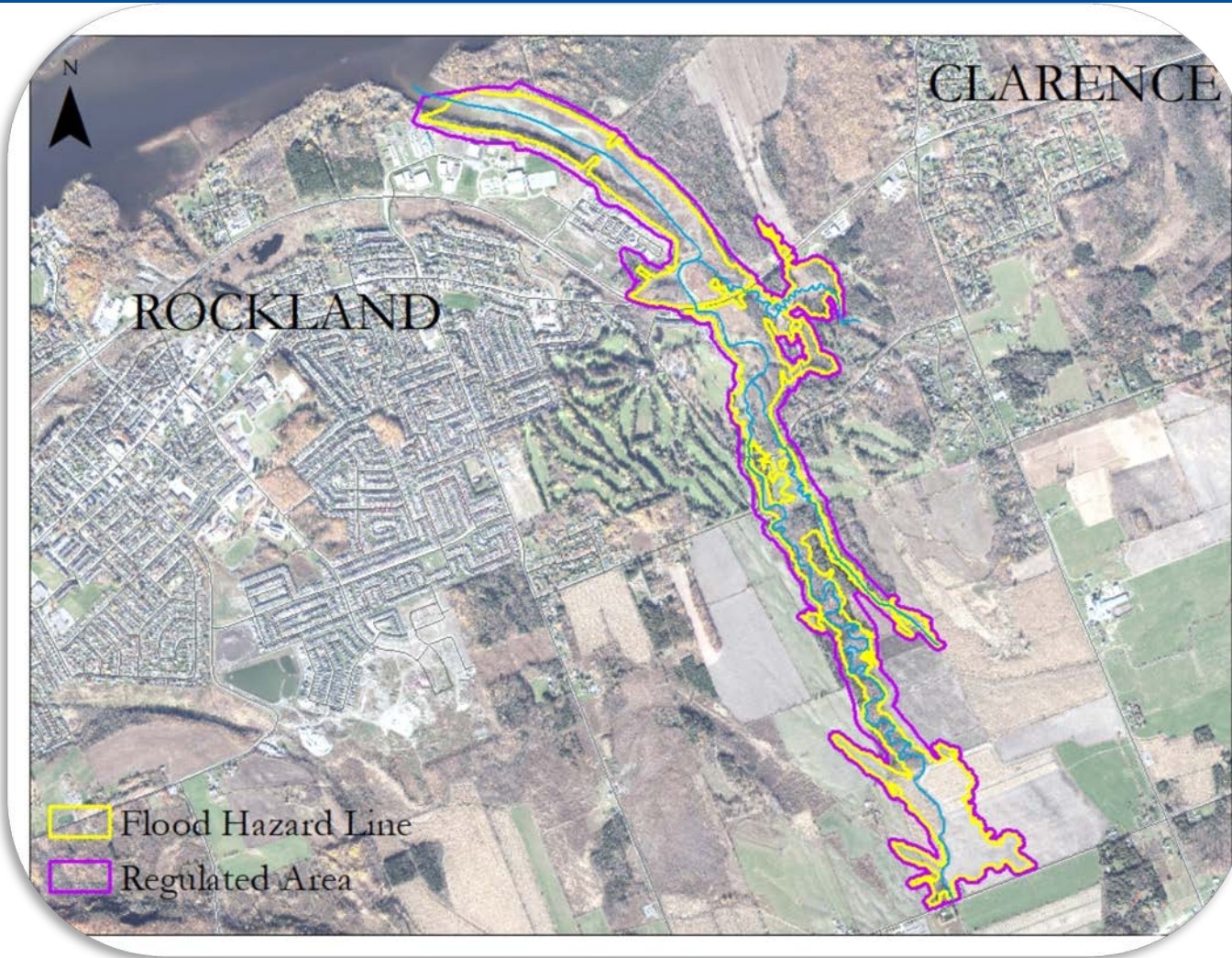
Chesterville Dam  
December 25, 2020

- Significant rain up to 50mm from December 24 to December 25, 2020
- SNC staff on-site to ensure proper operations and safe water levels





# Protecting People and Property: Hazard Mapping



- Updated Flood and Erosion Hazard mapping along Clarence Creek and tributaries.



# Improving Data Collection: New Climate Station



Climate Station  
Greely

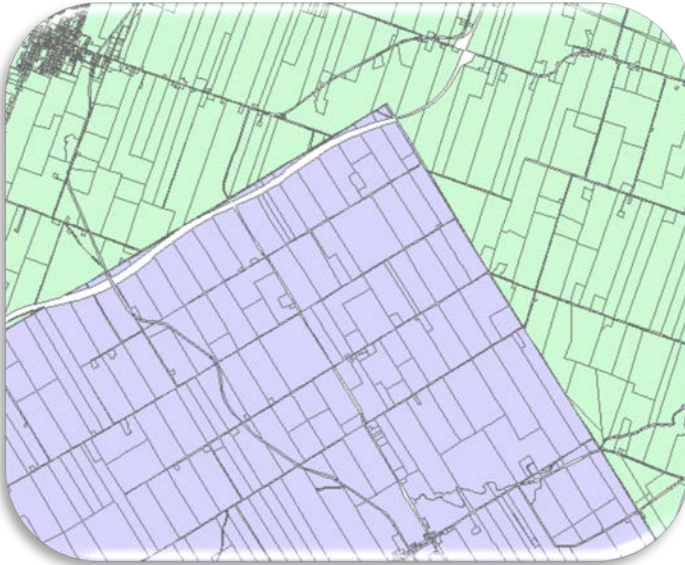
## ***New SNC Climate Station***

- Installed by staff on SNC property, Ottawa
- Data automatically captured in Water Information System
- FTS: One of the best installations they've seen



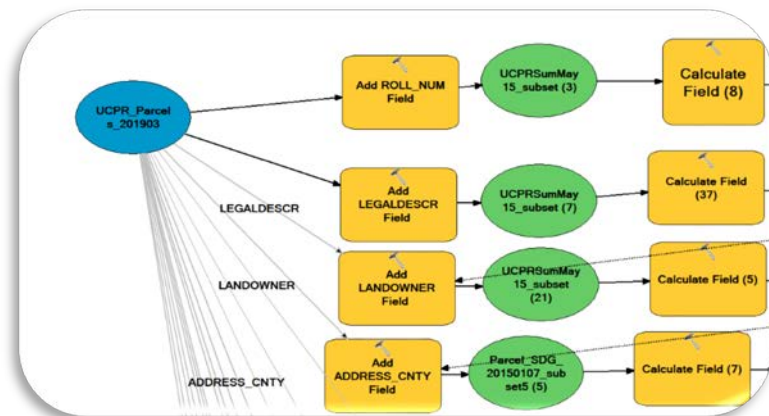


# Managing Data: Keeping it Current



Parcel Fabric at the border of UCPR and SDG Counties

- Updating parcel data to most current information from local Counties
- Automating updates to get new data from municipal partners as it becomes available

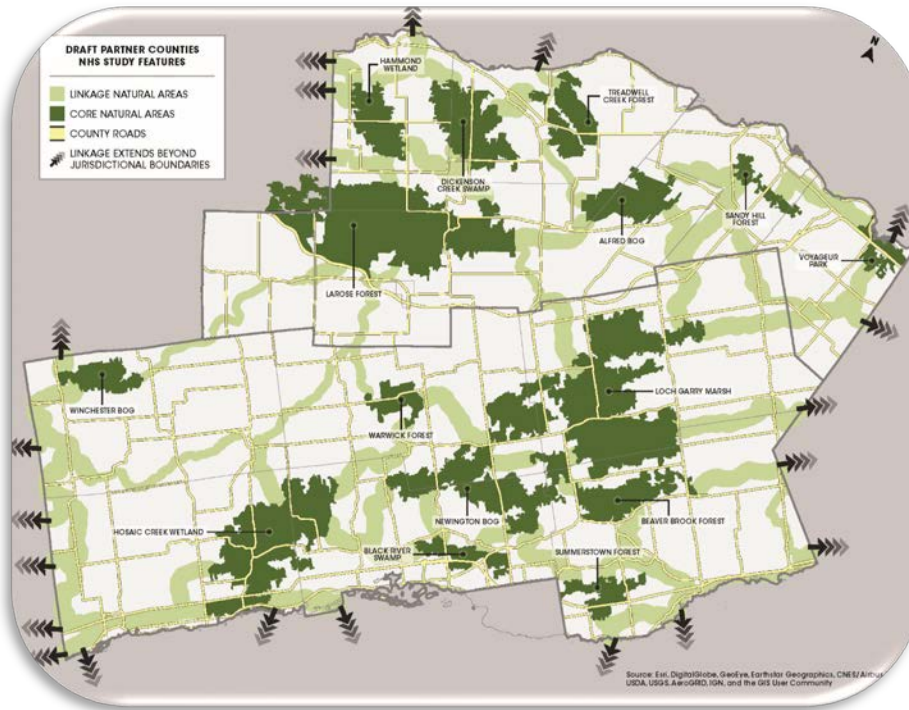


Automated model used for updating parcel attributes





# Natural Heritage System



Draft NHS Mapping

## Natural Heritage Systems (NHS) study on behalf of UCPR and SDG Counties:

- Online public information sessions on February 9 (SDG) and February 10 (UCPR)
- Public engagement tools and draft maps launched online at [www.nation.on.ca/nhs](http://www.nation.on.ca/nhs)



Winter Harvest in Warwick Forest, North Stormont





# Complaint Resolution





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



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