



SOUTH NATION
CONSERVATION
DE LA NATION SUD

Project Update

October 19th, 2023





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	By-law approved	October 11 th
North Dundas	By-law approved	October 17 rd
North Glengarry	Delegation	October 23 rd
Champlain	Delegation complete, staff report to Council	October 26 th
Nation	Delegation	October 31 st
Clarence-Rockland	Joint Delegation with RVCA	November 8 th
South Stormont	Delegation	November 8 th
Casselman	Delegation	November 11 th
Russell	Staff Report	Date TBC



Findlay Creek Boardwalk Official Opening



Drone Footage of New Findlay Creek Boardwalk, October 2023

Saturday, October 21st
11:00 am

- Grand Opening/Media Event
- Guided tour of completed boardwalk
- Project partners in attendance



Ottawa Park Planners Tour



City of Ottawa Park Planners Tour of Findlay Creek Boardwalk

October 4th, 2023

- City of Ottawa Park Planners Annual Tour
- SNC provided a guided tour of the Findlay Creek Boardwalk
- Discussed all aspects of the project



Youth Education – Findlay Creek Boardwalk



Past monitoring demonstration for youth at the Leitrim Wetland

- School Group Tour:
October 24th – 25th
- Summerside Public School,
Orleans
– 89 students
- Interpretive walk along the
boardwalk and pulling
invasive plants from the
wetland



Education and Outreach – Watershed Adventures



Metcalfe Fair Education Day, 2023

- Totally Turtles and Fish Species Identification Educations Kits
- Metcalfe Fair: **September 28th-29th**
- Eastern Ontario Children's Water Festival – **October 5th**



Cultural Competency Training at Thompson Island



- September 22nd, 2023
- Hosted by the River Institute
- Facilitated by Abraham Francis, Mohawks of Akwesasne



Healing Place – Thanksgiving Harvest Event

October 4th, 2023





Municipal Drinking Water Protection



Staff learning from OCWA Operator, Village of Casselman

- Source Water Protection Staff met with Ontario Clean Water Agency (OCWA)
- Opportunity for knowledge sharing and networking
- SNC working with OCWA on municipal drinking water working group



Ontario Professional Planners Institute Conference



- Climate Change
- Public Health-Planning Intersectionality
- Equity, Diversity and Inclusion
- Changes to provincial legislation
- Agricultural Land Protection
- Conservation Authorities Panel



Wetland Project Tour with Ducks Unlimited Canada



SNC showcasing recently completed wetland project,
St. Isidore, Nation Municipality

- Provided tour of wetland restoration projects completed by SNC
- New Manager of Provincial Operations attended
- Discussed future of SNC-DUC partnership



2024 Conference Season is coming...



Association française des
municipalités de l'Ontario



Rural Ontario
Municipal Association



Everything roads
since 1894



ONTARIO EAST
ECONOMIC DEVELOPMENT



Association of
Municipalities Ontario



CWRA

Canadian
Water
Resources
Association

ACRH

Association
Canadienne
des Ressources
Hydriques

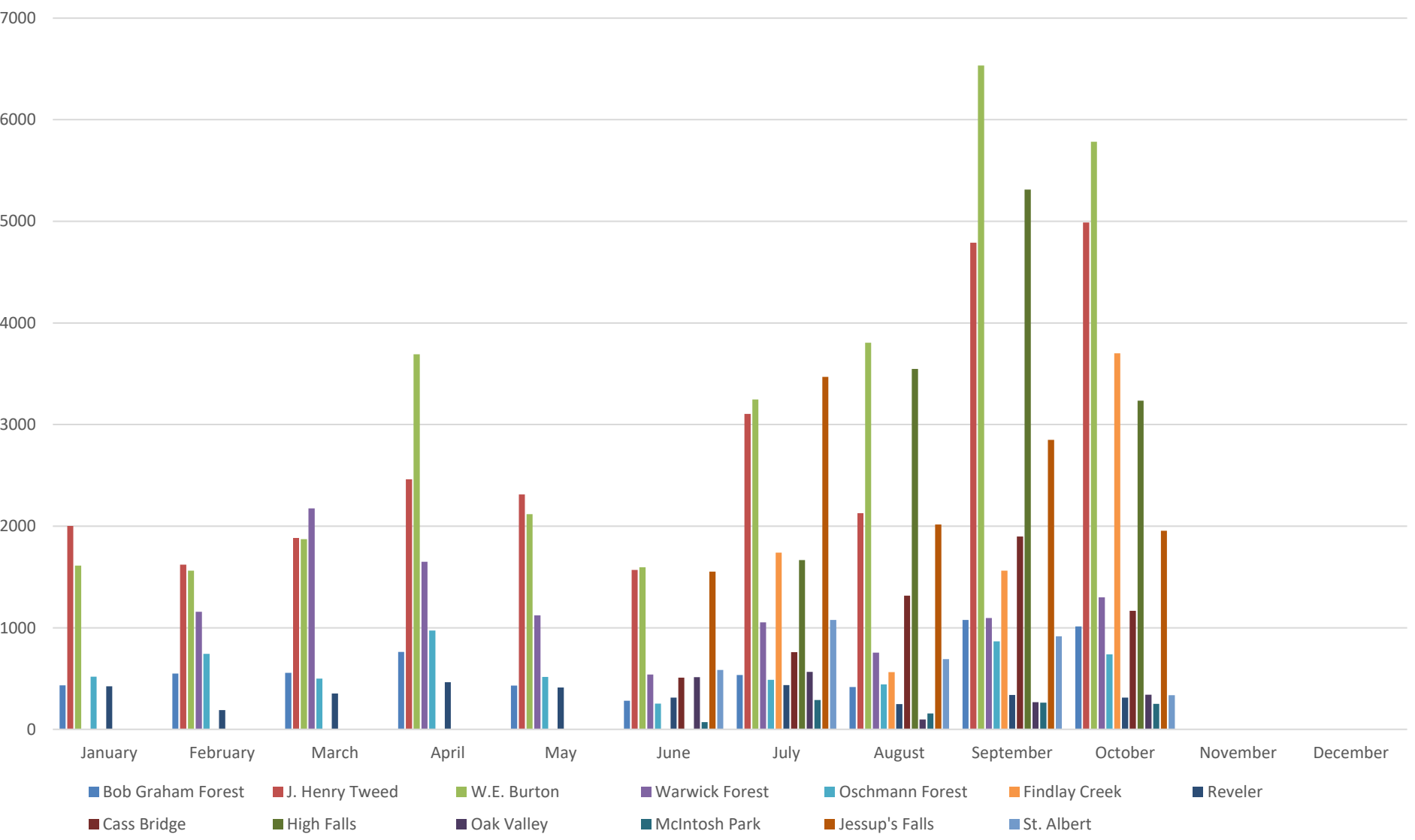
- Time to plan for 2024 conference season!
- Contact Meaghen for assistance with registration, travel, and accommodation bookings

And so many more!



Conservation Area Stats

2023 Conservation Area Usage





Tree Planting Site Preparation



Scribe
Clarence Cambridge Boundary Road,
La Nation



Band spray and scribe
Carlsbad Lane and Russell Road,
Ottawa

- Staff have completed 12.85 hectares (32 acres) of site preparations for spring 2024 projects
- New sprayer mounted on scribe attachment has created efficiencies and precision in site preparation process



Provincial Groundwater Monitoring Network

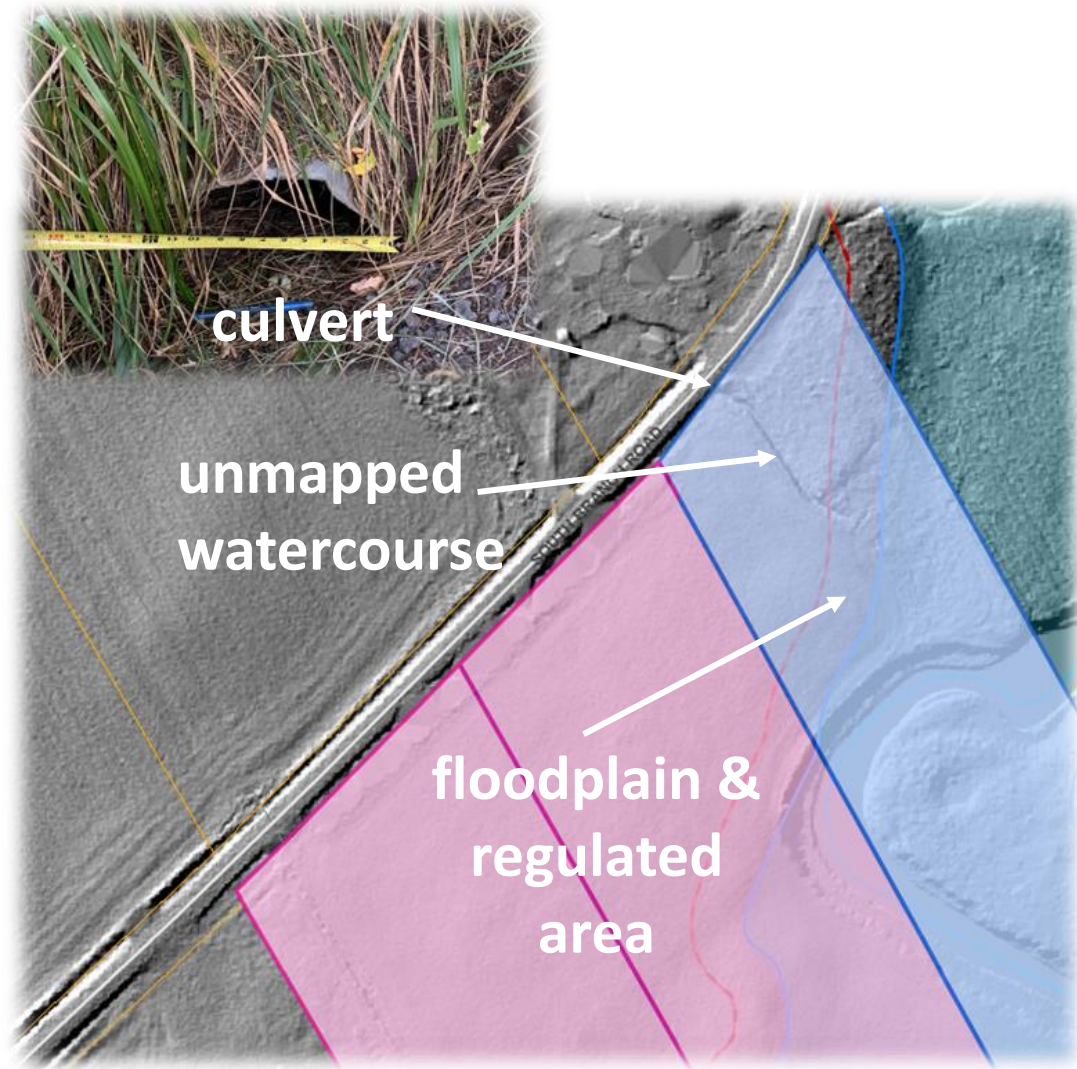


- Partnership with Ministry of Environment, Conservation and Parks (MECP) to gather long-term groundwater levels and quality data
- 17 monitoring wells within the SNC jurisdiction
- Water quality sampled yearly, and water level data transmitted hourly over GOES satellite
- Well sample training with MECP completed October 10th
- 3 wells sampled to date (Beckstead, Berwick, and Pleasant Valley)
- Maintenance is also being completed at well locations





Lidar Assisting with Development Reviews



- SNC review noted an unmapped watercourse in the LiDAR
- Staff met with applicant onsite
- Lot lines adjusted to avoid additional studies



Water Control Structures Inspections



Crysler Weir, North Stormont



Chesterville Dam, North Dundas

- Lakes and Rivers Improvement Act (LRIA) provides Ministry of Natural Resources and Forestry (MNRF) with the legislative authority to govern the design, construction, operation, maintenance, and safety of dams in Ontario
- Dam owners are responsible for the safe operation and maintenance
- Yearly inspection is a best management practice to find and address potential hazards that could affect operators, the structure, and public safety



Water Control Structure Operations



Chesterville Dam, North Dundas

- Dam operations completed to set winter water levels
- Pre-operation communications to residents via municipal memo, newspaper ads, and social media



Flood Hazard Identification and Mapping Program



- Project Technical Team:
 - Province (MNRF), Federal (ECCC), and SNC
- Projects:
 - Eastern Ontario Landcover
 - South Branch of the South Nation River Hazards Mapping projects
- Team Meeting on Oct. 12th, 2023
- Both projects are forecasted to complete deliverables on timeline and budget
- Discussion on open houses



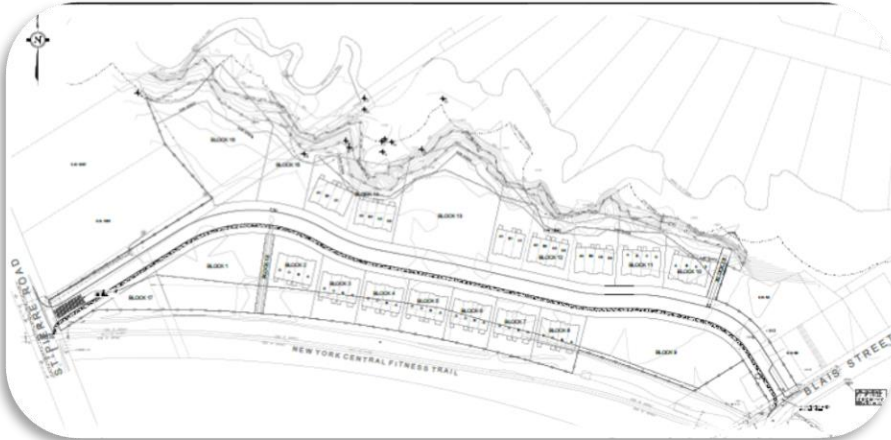
Ontario FHIMP: Project Technical Team Meeting Minutes

Meeting Information

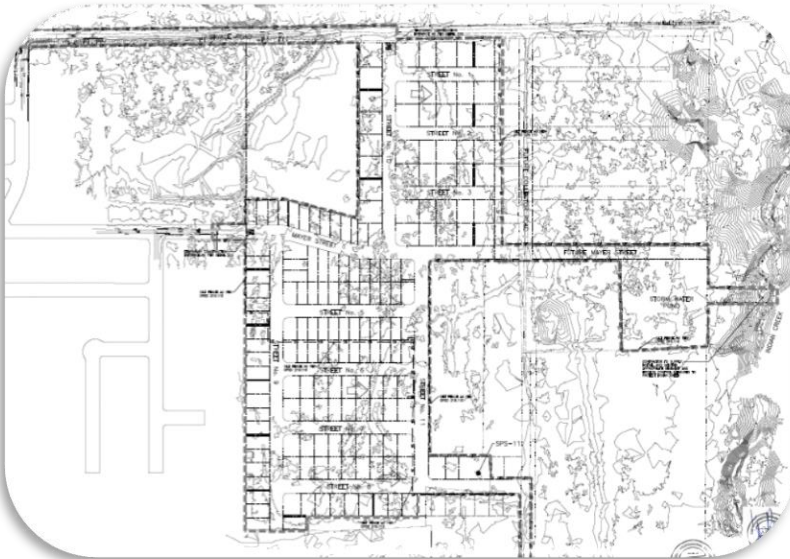
Recipient Organization:	South Nation Conservation
Project ID Project Name	ON22-012 Flood Mapping in the South Branch of the South Nation River Watershed ON22-019 Land Cover Update in Eastern Ontario
Date & Time:	October 12, 2023; 11:00am to 12:00pm
Location:	Online via Teams
P/T:	Ontario
Participants:	Recipient Rep: Kat Watson, Shahin Zand, Sandra Mancini Provincial Rep: Mahida Khalid Federal Reps: Sheila Ball, Benjamin Pfafsky



Subdivision Approvals



Embrun Station Subdivision



Les Cités Limoges Subdivision

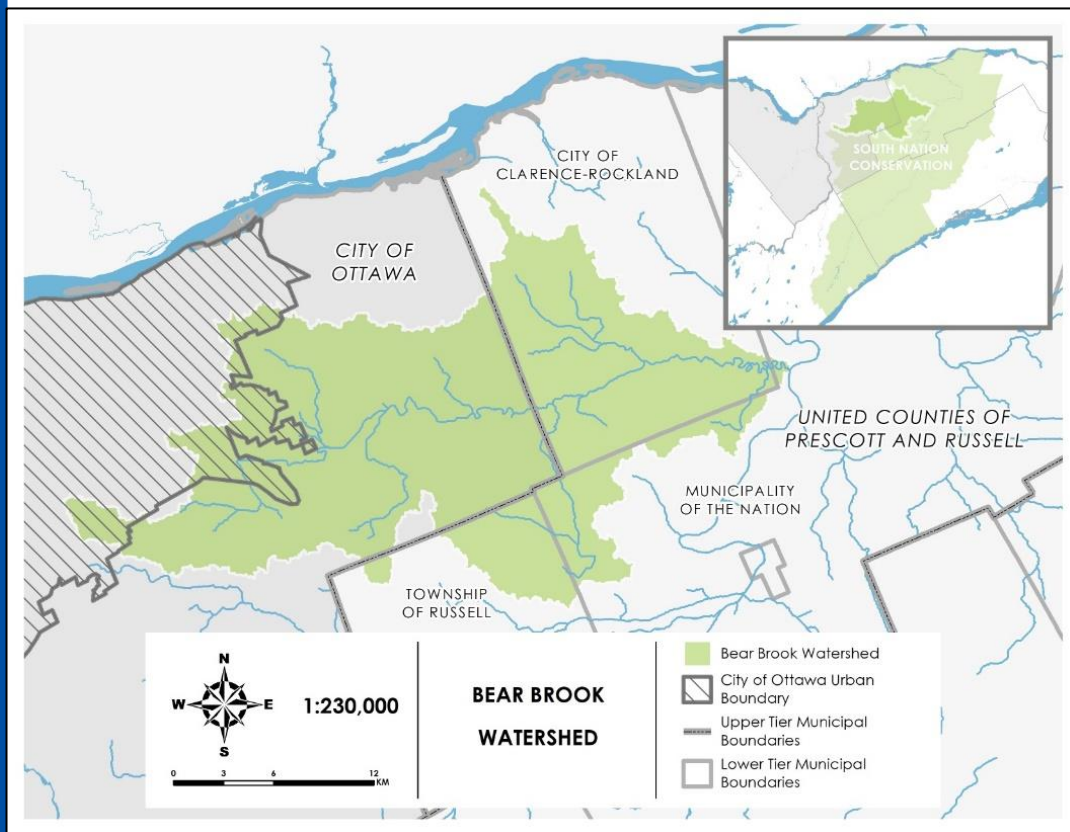
- 19 active subdivision files in Prescott-Russell to date in 2023
- Issued final planning clearance for 6 new developments
- Issued regulations permits for 4 of these developments



Bear Brook Watershed Study

Study will support sustainable development of urban expansion areas in the City of Ottawa.

- **Phase 1 (2023-2024)**
Existing Conditions
- **Phase 2 (2024-2025)**
Development of Watershed Plan
- **Phase 3 (2025-2026)**
Implementation Strategy for Plan





Bear Brook Watershed Study

Phase 1: Existing Conditions Characterization Report

- Data collection and field work by SNC staff
 - Natural Hazards
 - River Flows
 - Water Quality
 - River Health
- Consulted projects:
 - Water Budget
 - Fluvial Geomorphology
 - Landslide Risk
 - Archaeological Screening





Project Advisory Committee

Bear Brook Watershed Study Advisory Committee

**Introductory Meeting:
October 30th, 2023**

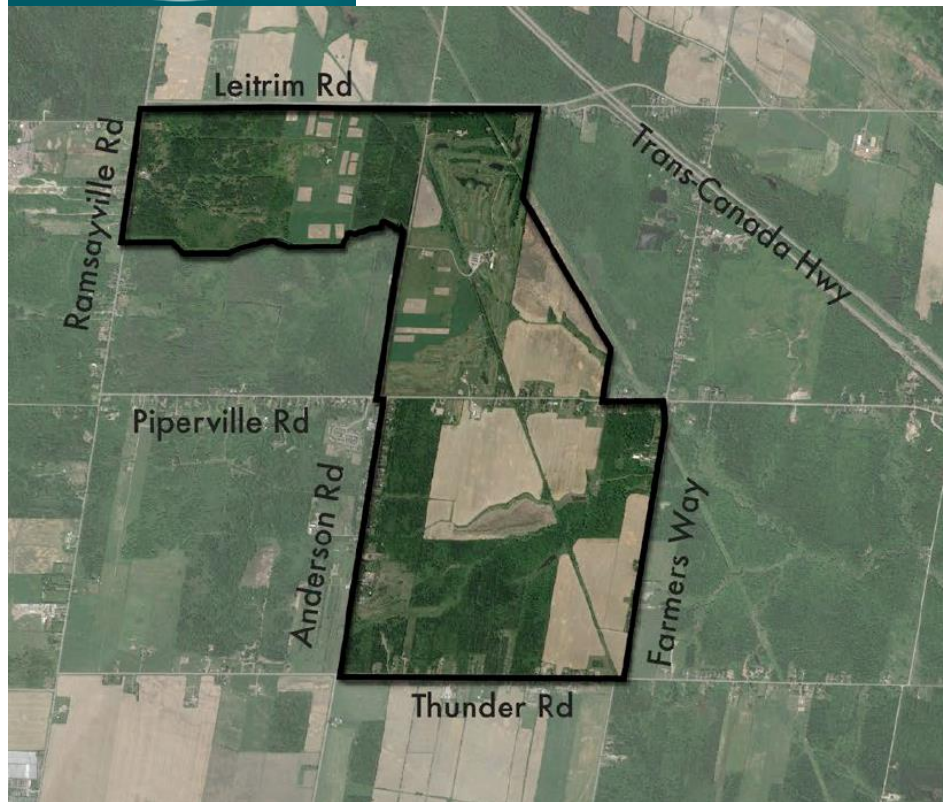
- Invited Project Partners
 - City of Ottawa Staff
 - City of Ottawa Councillors
 - Algonquins of Pikwakanagan First Nation
 - United Counties of Prescott Russell
 - National Capital Commission

Advisory Committee input:

- Scenario planning: land use, climate change;
- Preferred conceptual solutions for flood mitigation, slope stability/erosion control or stream rehabilitation works;
- Goals and objectives for future development; and
- Implementation tools for Watershed Plan.



Tewin Development Review



- Future community of 45,000
- Development area: 445 ha
- Planned to be compact and integrated with natural areas
- Anchored in Algonquin placekeeping principles



Tewin Development Review



DREAM: TERMS OF REFERENCE,
MASTER PLAN AND MUNICIPAL
CLASS EA



DESIGN: SECONDARY PLAN/ OPA,
COMMUNITY DESIGN PLAN (EMP & MSS)

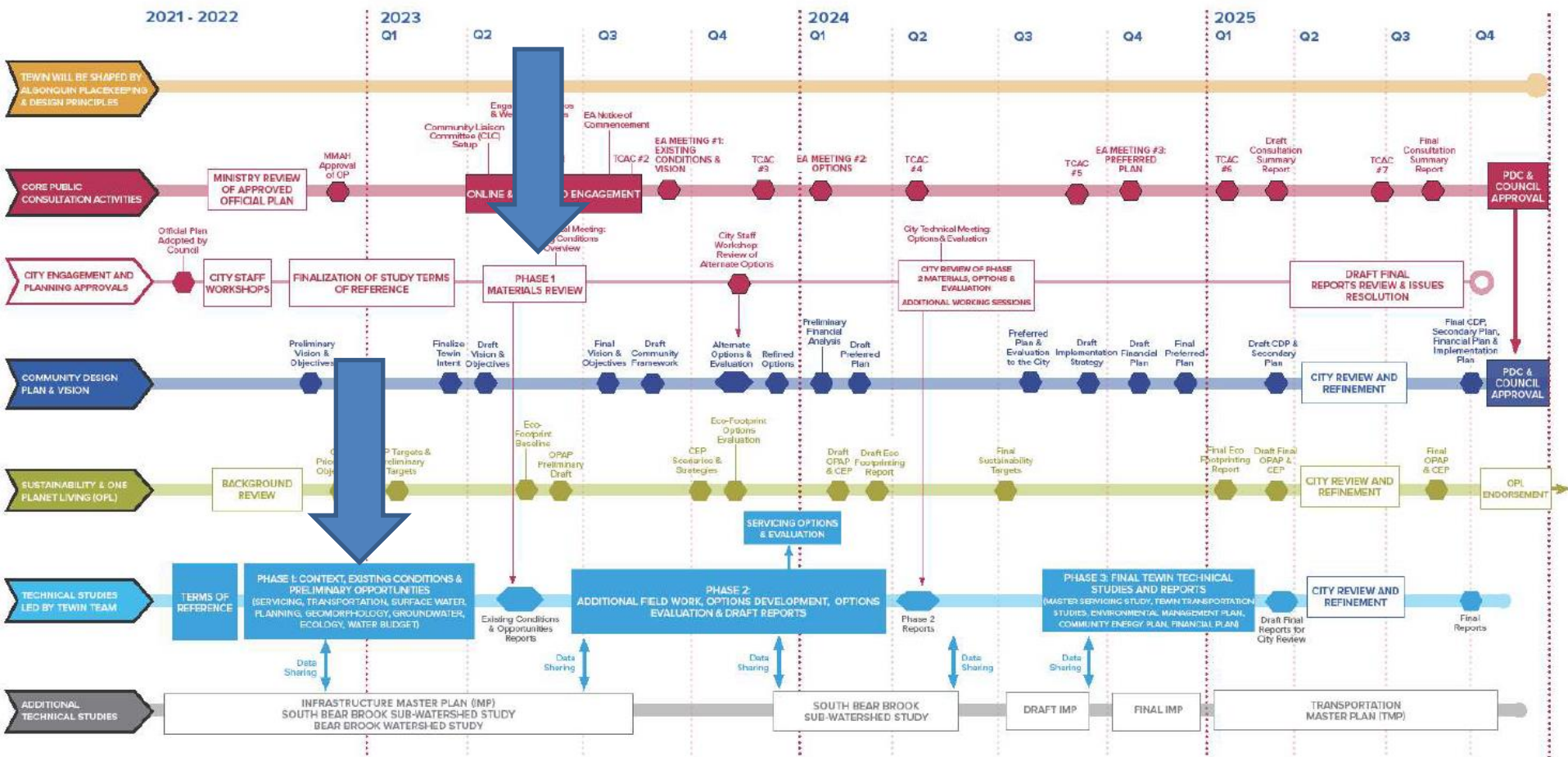


BUILD: PLAN OF
SUBDIVISION AND
MUNICIPAL DRAIN



Tewin Development Review

ANNEX 1: TEWIN INTEGRATED SECONDARY PLANNING AND EA PROCESS





Tewin Development Review

Studies Under Review by SNC

Cumulative
Hydrologic
Impact

Fluvial
Geomorphology

Geotechnical

Hydrogeological

Field Monitoring
and Water
Budget

Natural Heritage

- Staff working with RVCA and the City to provide comments and share local data
- Review fees covered by the developer
- Long-term planning with a focus on natural hazards and significant drainage issues in the area

Our Local Environment, We're in it Together.



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