



Field Notice



Fall 2023 Field Notice

Groundwater and Geochemistry and Caribou Collaring / Mortality Investigation

Issued: September 2023

What's Happening?

Field programs will be continuing into the fall season to support the provincial Environmental Assessment (EA) and federal Impact Assessment (IA) for the Marten Falls First Nation proposed Community Access Road.

Groundwater and Geochemistry

The Groundwater and Geochemistry Program has been ongoing since 2022. There are more than 20 well sites that are sampled seasonally to monitor groundwater conditions in the area to support and inform the environmental assessment.

- The fall groundwater and geochemistry program is expected to begin September 18, 2023 and be completed by September 24, 2023.
- The spring groundwater sampling program will resume in Spring 2024.





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Caribou Collaring / Mortality Investigation

Field crews will conduct mortality investigations associated with atigwag / caribou collars that were deployed in the study area in February 2021. The mortality investigation includes determining the cause of death of the animal (e.g., predation, hunter, natural causes) and collecting the collar from the field.

The caribou collaring and mortality investigation is tentatively scheduled for September 25, 2023 and will be completed in one day.

An update will be provided if scheduling changes due to weather or other conditions. The field crews will be accessing sites across the study area by helicopter, you may see helicopters in the area.

Where?

See the next page for the study area map.

Field crews will include a MFFN community member Field Assistant or Community Member Advisor.

To learn more about groundwater and geochemistry and wildlife studies view [webinar recordings](#) and [valued component videos](#) on our website.

Contact Information

You are welcome to contact the Project Team at any time with questions or comments.

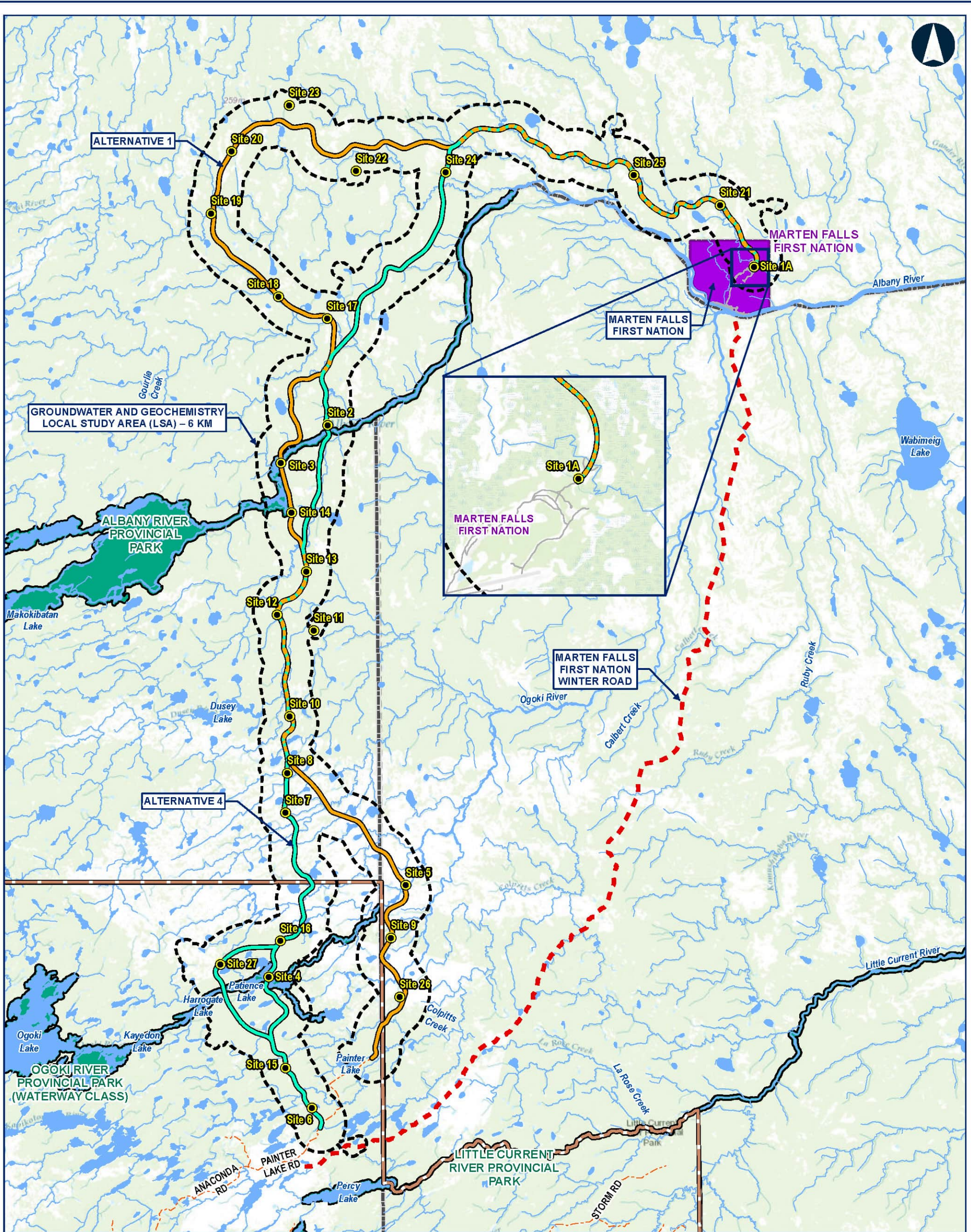
Bob Baxter

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|---------------------------|---|---|
| Legend | <ul style="list-style-type: none">Groundwater Well LocationsGroundwater Local Study Area (LSA) - 6 km | <ul style="list-style-type: none">WaterbodyFirst Nation ReserveProvincial ParkFar North BoundaryDistrict Municipal Boundary |
| Route Alternatives | <ul style="list-style-type: none">Alternative 1Alternative 4 | |
| General Features | <ul style="list-style-type: none">Local RoadResource / Recreation RoadMFFN Existing Winter Access RoadWatercourse | |
| Notes: | <p>Data Source: Base Data: Provided by MRF 2021; Route Infrastructure - Provided by AECOM 2021. Contains information licensed under the Open Government Licence Ontario. Aerial photography provided by: Service Layer Credits: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community</p> | |

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| MARTEN FALLS FIRST NATION COMMUNITY ACCESS ROAD | |
| Groundwater and Geochemistry Local Study Area | |
| 0 5 10 20 Kilometres Datum: NAD 1983 CSRS UTM Zone 16N | |
| Jul, 2022 | 1:450,000 *when printed 11"x17" |
| Rev 00 | |
| Figure 1 | |
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