



# Field Notice



## Spring 2024 Groundwater and Geochemistry Field Notice

*Originally Issued: April 2024*

*Updated: May 2024*

### What's Happening?

The Groundwater and Geochemistry program will be continuing into the spring 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 Program

The Groundwater and Geochemistry Program has been ongoing since 2022 and is important for evaluating groundwater health in the area. Groundwater samples are taken from monitoring wells that are positioned along the proposed route alternatives and are tested for things like minerals, dissolved metals (including mercury), volatile organic compounds and radiological content.

Samples are taken from monitoring wells three times a year, during the spring, summer and fall seasons, and will be starting up again this spring. The program will wrap up in Fall 2024, and the monitoring wells will be decommissioned in 2025.

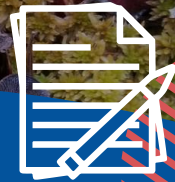
### Schedule

- Spring groundwater sampling is expected to begin in **early June 2024**, and be completed in June 2024.
- The summer groundwater sampling is expected to occur in **August 2024**.
- The fall groundwater sampling is expected to occur in **September 2024**.





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## What to expect

Field crews will be accessing sites across the study area by helicopter—you may see helicopters in the area. Crews may need to remove naturally fallen trees or branches from existing helipad sites to allow safe helicopter access.

If you are interested in groundwater and geochemistry, you can view [webinar recordings](#) and [videos](#) about it on our website.

An update will be provided if scheduling changes due to weather or other conditions. Additional notices will be provided for the summer and fall Groundwater and Geochemistry Programs.

## Where?

See the next page for a map.



## Contact Information

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

### Lawrence Baxter

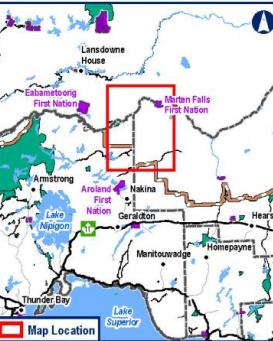
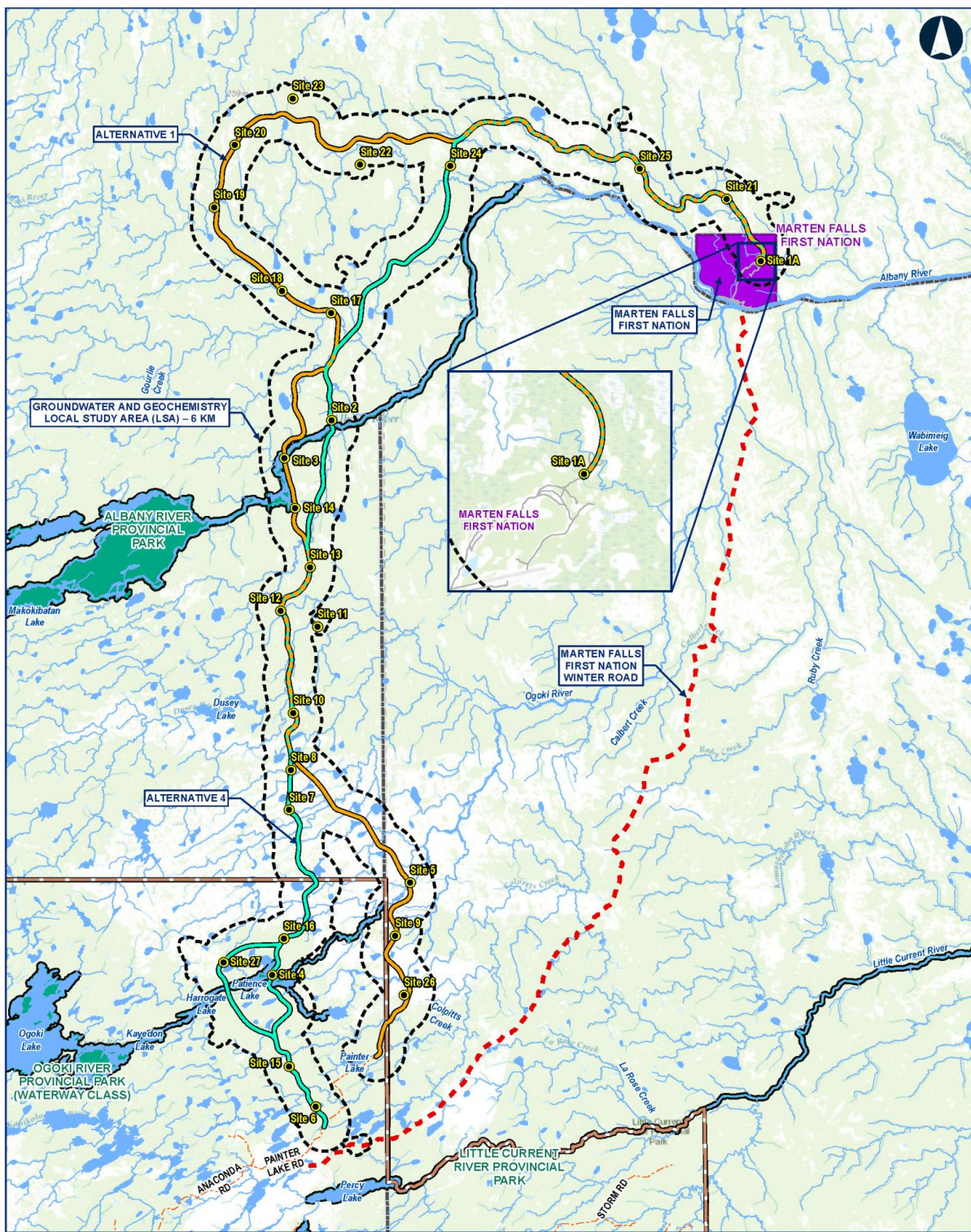
Senior Community Member Advisor

Marten Falls First Nation

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[www.martenfallsaccessroad.ca](http://www.martenfallsaccessroad.ca)





**Legend**

- Groundwater Well Locations
- Groundwater Local Study Area (LSA) - 6 km
- Route Alternatives
  - Alternative 1
  - Alternative 4
- General Features
  - Local Road
  - Resource / Recreation Road
  - MFFN Existing Winter Access Road
  - Watercourse
- Waterbody
- First Nation Reserve
- Provincial Park
- Far North Boundary
- District Municipal Boundary

**Notes:**

Data Source:  
 Base Data: Provided by MNRF 2021, Route Infrastructure - Provided by AECOM 2021. Contains information licensed under the Open Government License.  
 Source Data:  
 Aerial photography provided by:  
 Source Layer Credits: Source: Esri, HERE, Garmin, Intermap, P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeBCO, IGN, Kadaster NL, Ordnance Survey, Esri, Swis, METI, Swis, OpenStreetMap contributors, and the GIS User Community.

**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  
Scale: 1:450,000

Rev. 00

**Figure 1**

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