



# Field Notice



## Winter / Spring 2023 Field Programs

Issued: November 2022

### What's Happening and When?

Field studies are continuing for the Environmental Assessment (EA) / Impact Assessment (IA) for Marten Falls First Nation's proposed All Season Community Access Road.

The following winter field programs will occur between January and May 2023, with exact dates being provided once confirmed:

- **Furbearer winter tracking surveys** (four field days between January and February): Field crews will fly in a helicopter to look for tracks of wildlife in the snow. Transects, or straight lines through the study area, will be walked to document the number of track sets crossing the transect, species, location and habitat type encountered. Surveys will be conducted by track specialists. Timing will be related to optimal snow conditions.
- **Winter ungulate aerial surveys** (approximately two weeks in January and February): Surveys will be conducted using a fixed wing aircraft and helicopter to gather information on the population and distribution of caribou (atigwag), to search for collared and uncollared groups of caribou, to identify number of calves with caribou groups in the study area, and to observe signs of other wildlife in the study area. Timing will be related to optimal snow conditions.
- **Bird Autonomous Recording Unit Program** (one week in January): Field crews will collect the Autonomous Recording Units (ARU) that were deployed throughout the study area in March 2022.
- **Wolverine (wishkobishag, wiingwa'waake) hair snag surveys** (monthly trips from February to May): Wolverine hair snag traps will be baited in the study area to help understand wolverine (wishkobishag, wiingwa'waake) demographics (male / female). Remote cameras will monitor the baited hair snag traps to help confirm if a wolverine has visited the hair snag trap. Field crews will return monthly to re-bait hair snag traps.





# Field Notice



- **Collared Caribou Mortality Investigations** (As needed): Field crews will conduct mortality investigations associated with caribou (atigwag) 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.
- **Groundwater and Geochemistry Program** (Spring): Field crews will sample groundwater monitoring stations installed throughout the study area in October and November 2022. The monitoring well will continue to be sampled three times a year for two years. When the wells are no longer required, they will be filled in and sealed.
- **Ungulate Remote Camera Program** (Spring): Field crews will collect the remote cameras that were deployed throughout the study area in June 2021 to collect important information on the presence and seasonal patterns of caribou (atigwag), moose (moozoog), wolves (maihgan) and other wildlife.

**See the next page for a map.**

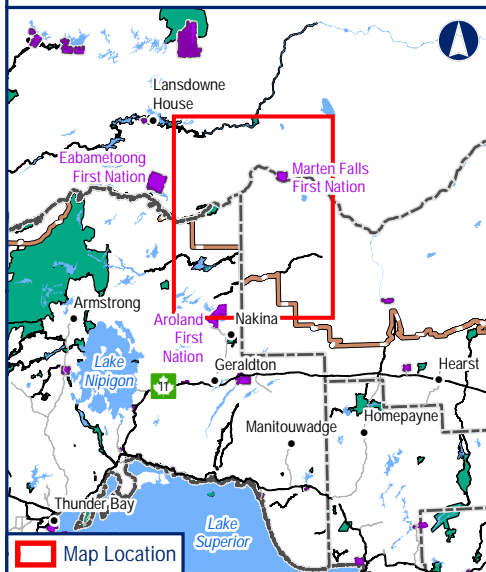
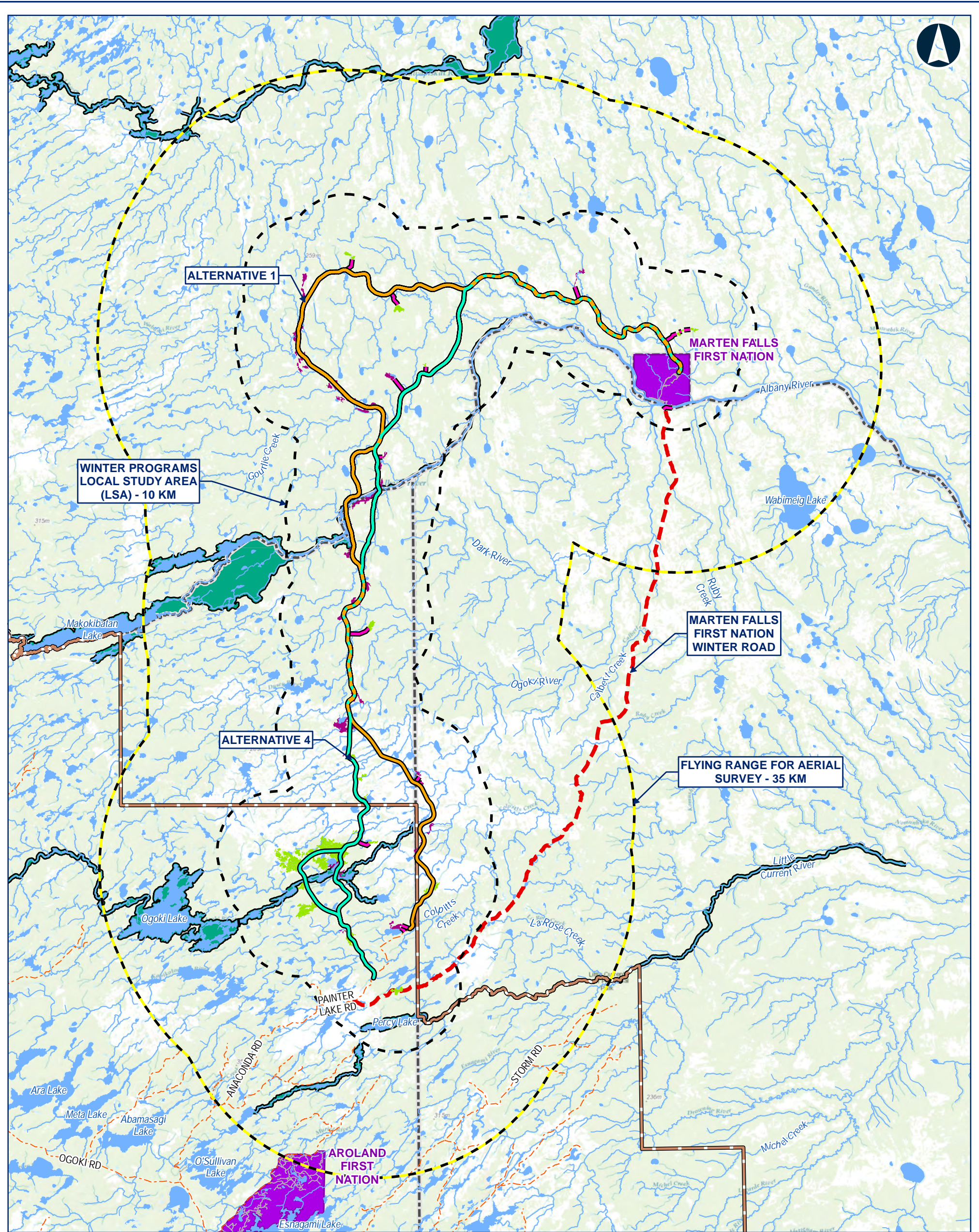
Field crews will be travelling by fixed wing aircraft and helicopter, you may notice aircrafts in the are during these field programs.

## 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  
1-800-764-9114 | [info@martenfallsaccessroad.ca](mailto:info@martenfallsaccessroad.ca)  
[www.martenfallsaccessroad.ca](http://www.martenfallsaccessroad.ca)





**Legend**

**Potential Aggregate Source**

- Bedrock
- Sand and gravel
- Approximate Access Road to Potential Aggregate Site

**Route Alternatives**

- Alternative 1
- Alternative 4
- Winter Programs Local Study Area (LSA) - 10 km
- Flying Range for Aerial Survey - 35 km

**Notes:**  
None

**Data Source:**  
Base Data: Provided by MNR 2021; Route Infrastructure - Provided by AECOM 2021. Contains Information licensed under the Open Government Licence Ontario.  
Aerial photography provided by: Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, Increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase.

**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

**MARTEN FALLS FIRST NATION  
COMMUNITY ACCESS ROAD**

**Winter Field Study Programs**

0 5 10 20 30  
Kilometres

Datum: NAD 1983 CSRS UTM Zone 16N

Nov, 2022 1:640,000  
Rev:00

**Figure 1**

Contains information provided by Ontario Ministry of the Environment, Conservation and Parks or by Ontario Ministry of Natural Resources and Forestry Copyright Queen's Printer of Ontario 2020, through a Sensitive Data License Agreement. This drawing has been prepared for use of AECOM client and may not be reproduced or relied upon by third parties, except as agreed by AECOM and its client, as required by law or for use by governmental reviewing agencies. AECOM accepts no responsibility and denies any liability whatsoever, to any party that modifies this drawing without AECOM express written consent. The use of Sensitive Data in this drawing does not constitute an endorsement by the Ministry for this drawing or by AECOM of the Sensitive Data.