



## **Supplementary Information**

### **Presentation from Victor Fern**

In the Matter of the

**Cameco Corporation, Beaverlodge Project**

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**Application to amend its licence to allow  
release of 18 Beaverlodge Project  
properties from CNSC licensing**

**Commission Public Hearing**

**March 24, 2022**

## **Renseignements supplémentaires**

### **Présentation de Victor Fern**

À l'égard de

**Cameco Corporation, Projet Beaverlodge**

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**Demande de modification du permis de  
Cameco visant à retirer 18 propriétés du  
projet Beaverlodge du contrôle de la CCSN**

**Audience publique de la Commission**

**24 mars 2022**



***Energizing a clean-air world***

# **Presentation from Victor Fern for the Decommissioned Beaverlodge Properties Licence Amendment**

**March 24, 2022**



# Fond du Lac First Nation



Photo Credit: Can North

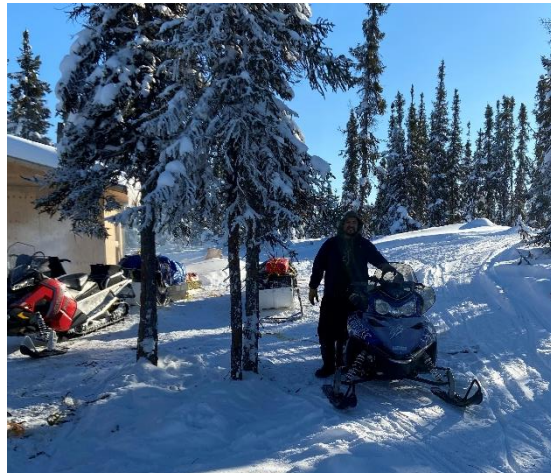


Pictured: Joe Marten (top) and his wife, Elizabeth Marten (bottom)

Photo Credit: Can North



# Land and Resource User





# Traditional Lifestyle

Land and Resource Use

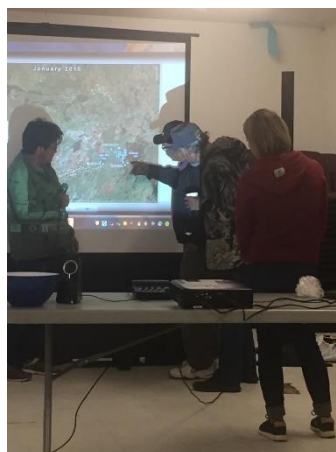
- Living off the land – Lake Athabasca



- Family outing to cut firewood



# 40-Year History in the North





# Community Engagement



- Community workshop (left) and site tour (top)



**COLLABORATIVE APPROACH**  
The CBEMP aims to be a co-learning process that promotes shared knowledge, skills, and engagement with the community. It provides an opportunity for community members to become involved in the program by participating in interviews and sampling traditional foods that they consume for testing.

**ENGAGEMENT**  
Communities of the Athabasca region have extensive knowledge and experience pertaining to the region and the northern environment. The CBEMP is founded on their shared knowledge and engagement. The traditional food dietary surveys and harvest mapping allowed community interviewers to identify areas that are highly valued by community members and where research should focus.

- Community translators were used for interviews
- Interviews were confidential
- Mapping was completed by local residents
- Community members helped to collect and ship all of the samples
- Community meetings/updates were provided

In 2019, community translators interviewed 89 members of Fond du Lac Denesuline First Nation. Of these interviewees, 50% completed the traditional food dietary survey of their diet.

A key component of a successful CBEMP is that the project is completed by local residents.

**BRIDGING TRADITIONAL & SCIENTIFIC KNOWLEDGE**

**TOP 10 TRADITIONAL FOODS EATEN**

- 1 Barren-ground caribou (zetthéh)
- 2 Moose (denéh)
- 3 Lake Whitefish (tu)
- 4 Blueberries (tegtchóth)
- 5 Lake Trout (uezeané)
- 6 Spruce Grouse (dih)
- 7 Northern Pike (ouday)
- 8 Walleye (eichouaghe)
- 9 Ptarmigan (k'ásba)
- 10 Ruffed Grouse (zetthéri)

**TRADITIONAL FOODS COLLECTED**

Sweet flag (rat root, azen in) was the most common medicinal plant consumed & is primarily used for cough, cold, flu, and toothaches.

50% of the community's traditional foods diet.

Barren-ground caribou was collected by all participants interviewed & made up almost 50% of the community's traditional foods diet.

**OVER HALF** of the people interviewed have diets over 50% traditional foods.

0-20%  
21-40%  
41-60%  
61-80%

**DID YOU KNOW?**  
Gathering and eating traditional foods can help reduce the risk of diabetes, heart disease, and obesity, especially when the foods are cooked in traditional ways.

It is good for physical health and social well-being.

**HUNTING, FISHING, TRAPPING & GATHERING**

Fish are an important part of a healthy diet containing high-quality protein, Vitamin B, Vitamin D, omega-3 fatty acids, other essential nutrients.

Wild meat is a good source of protein that is low in saturated fat and is an important source of minerals, vitamins, and iron.

Health Canada created a tailored First Nations, Inuit, and Métis Food Guide that includes both traditional foods and store-bought foods (<https://www.canada.ca/en/health-canada.html>).

**COMMUNITY-BASED ENVIRONMENTAL MONITORING PROGRAM**

Results of the 2019 traditional foods study indicate that chemicals in traditional foods were generally low and within the range for the region, and are not of concern for the community.

For more information or to request a copy of the report please talk to your local AJES representative.

We would like to thank Mr. Rick Robillard, Mrs. Margaret Noey, and Mr. Joe Martin and family for all their hard work on the project!

MARCI CHO!

In 2016, the Ya'Né Néné Collaboration Agreement brought together seven Athabasca Basin communities, Cameco Corporation, and Orano Canada. Within the new agreement a commitment was made to sustain and enhance the community-based environmental monitoring program (CBEMP).

The 2019 CBEMP took place in Fond du Lac Denesuline First Nation with a traditional food study. The study focused on collecting information from community members on the traditional foods they consume. Community members also shared information on what locations are important to them and which traditional foods should be sampled.

This project was supported by: Cameco, Orano Canada, and the Government of Saskatchewan.

FOLLOW US ON:   

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- 2019 Community Based Environmental Monitoring Program (CBEMP) Fond du Lac First Nation Summary Brochure





# Elder Joe Martin

Fond du Lac First Nation

- ***“Living off the land is important. It should be kept in the best possible condition so we can teach our traditions and culture to future generations.”***



- Photo taken during Elder Martin’s involvement on the Athabasca Working Group Environmental Monitoring Program

Photo Credit: Can North

# Support Licence Amendment









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# Thank you!

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