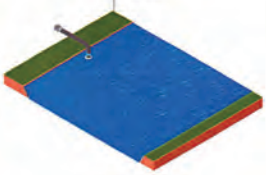
## MELIADINE WATER MANAGEMENT
## ᐃᒪᓕᕆᓂᖅ ᑕᓯᕐᔪᐊᕐᒥᑦ

## SURFACE CONTACT WATER MANAGEMENT

AGNICO EAGLE

The surface contact water from rain and melted snow is collected from the mine site

ᒪᕐᑯᕐᒥᑦ ᐃᒪᖅ ᐊᒻᒪᓗ ᐊᐳᑎᒥᒃ ᐊᐅᒃᑐᖅ ᑲᑎᑕᐅᖃᑦᑕᖅᑐᑦ ᐅᔭᕋᑦᑕᕆᐊᕐᒥᑦ

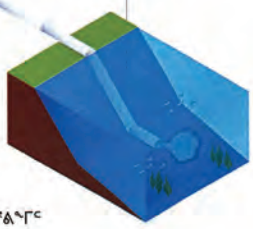


ᑯᕕᔪᖅ ᐃᒪᖅ ᓱᑦᓗᓕᒃᑯᑦ ᑲᑎᖅᓱᐃᕐᕕᒃ ᑕᓯᕋᔭᖕᒧᐊᖅᑕᐅᖃᑦᑕᖅᑐᖅ ᑕᐃᑲᓂ ᓱᓇᕋᓗᐃᑦ ᐊᓗᐊᓄᐊᖅᓗᑎᒃ

The surface contact water is piped to a collection pond where the debris settles

Water from the collection pond is cleaned in the water treatment plant

ᐃᒪᖅ ᑲᑎᖅᓱᐃᕐᕕᒃ ᑕᓯᕋᔭᖕᒥᑦᑐᖅ ᓴᓗᒻᒪᖅᓴᖅᑕᐅᖃᑦᑕᖅᑐᖅ ᐃᒪᓕᕆᕐᕕᖕᒥᑦ

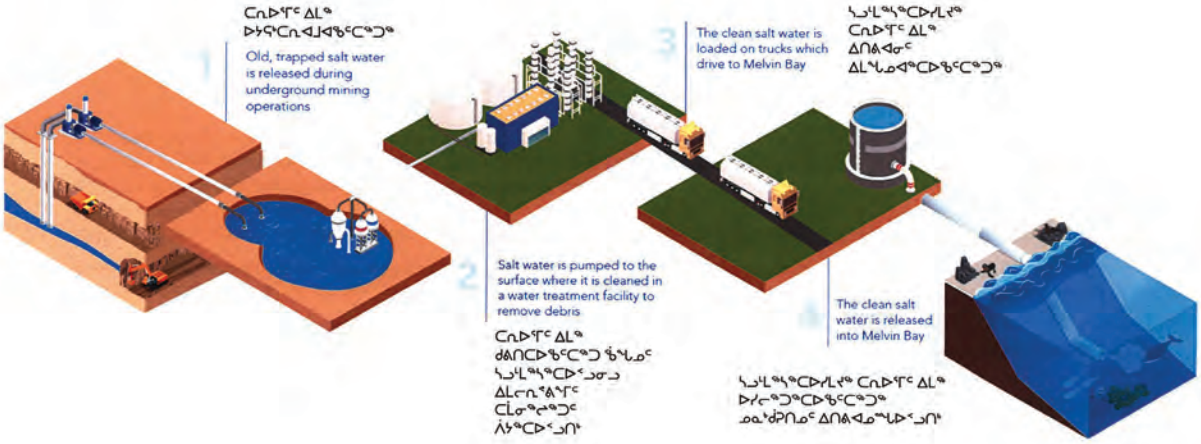


ᓴᓗᒪᔪᖅ ᐃᒪᖅ ᑯᕕᖅᑕᖅᑕᐅᖃᑦᑕᖅᑐᖅ ᑯᕕᑎᑕᐅᑦᓗᓂ ᑕᓯᕐᔪᐊᑦ ᐃᑎᓂᐊᓄᑦ

Clean water is pumped and released at the bottom of Meliadine Lake

# SALINE (SALT) WATER MANAGEMENT
## ᑕᕆᐅᕐᒥᑦ ᐃᒪᓕᖕᒥᒃ ᐊᐅᓚᑦᑎᓂᖅ

AGNICO EAGLE






# WATERLINE PROJECT

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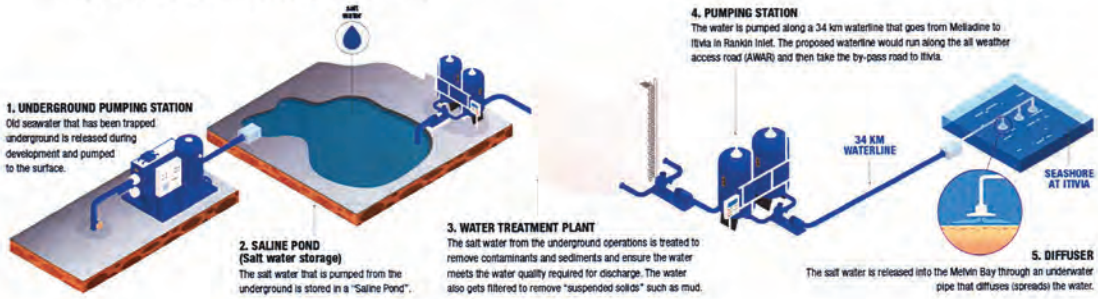
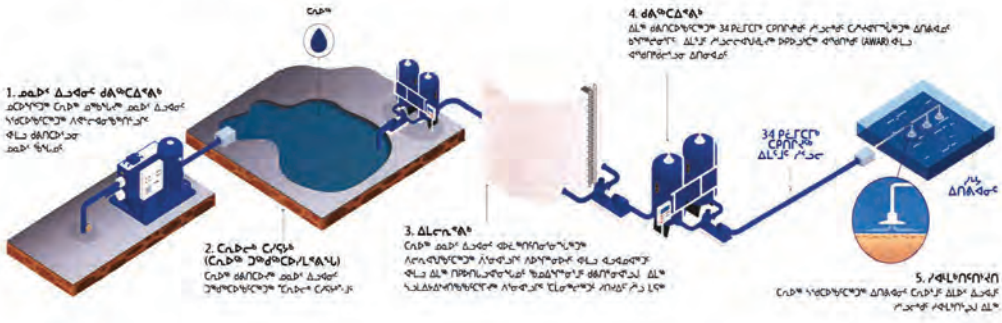
- The waterline project is the next phase of the Meliadine Diffuser project that was approved in 2018 and **will be a more sustainable solution to the water management challenges than increasing trucking**.
- To transport the current approved amount of water requires 20 - 40 trucks on the road per day. **To transport the increased amount of water by truck would require 150 – 300 trucks per day,** this is why the waterline is being proposed instead of trucking.
- Rather than permanently increasing the number of trucks to move saline water from Meliadine to Itivia, a 34-kilometer waterline from Meliadine to Itivia is proposed.
  - 2 x 16-inch-high density polyethylene (HDPE, a type of plastic) lines
  - The volume of water being released into Melvin Bay would increase from 800 – 1,600 $m^3$ per day to 6,000 - 12,000 $m^3$ per day (around 1.6 - 3.2 million US gallons per day)



## ᓱᐸᓗᓕᖓᒧᑦ ᐱᓕᕆᐊᖅ

AGNICO EAGLE

- ᓱᐸᓗᓕᖕᒥᑦ ᐱᓕᕆᐊᖅ ᐱᓕᕆᐊᖑᒋᐊᖅᓂᐊᖅᑐᑦ ᑕᓱᔪᐊᖅᒥᑦ ᓱᐊᒻᒪᒃᑎᑦᑎᒃᔪᑎᒧᑦ ᓈᒻᒪᒋᔭᐅᓚᐅᖅᑐᖅ 2018-ᒥᑦ ᐊᒻᒪᓗ ᐊᔪᖅᒋᓐᓂᖅᓴᐅᓗᓂ ᐋᖅᑭᒃᓱᓂᐅᓂᐊᖅᑐᖅ ᐃᒪᖅᒥᒃ ᐊᐅᓚᑦᑎᓂᖅᒧᑦ ᐊᒃᓱᕈᖅᓇᐅᑕᐅᔪᓂᒃ ᐊᒥᓱᖅᑐᕆᐊᖅᓗᒋᑦ ᓄᓇᒃᑯᕈᑎᒃᑯᑦ ᐊᒃᔭᖅᑐᐃᓂᖅᒥᐅᖓᓂᑦ.
- ᐊᒃᔭᖅᑐᖅᓂᐊᖅᓗᒍ ᒫᓐᓇᐅᔪᖅ ᓈᒻᒪᒋᔭᐅᔪᖅ ᐊᖏᑎᒋᓂᖓ ᐃᒪᖅ 20-40-ᓂᒃ ᓄᓇᒃᑯᕈᑎᓂᒃ ᐊᑐᕆᐊᖃᖃᑦᑕᖅᑐᑦ ᐊᐸᖅᑯᑎᒥᑦ ᖃᐅᑕᒫᖅ. **ᐊᒃᔭᖅᑐᖅᓂᐊᖅᓗᒍ ᐊᒥᓱᖅᑐᕆᐊᖅᑐᑦ ᐃᒪᖅ ᓄᓇᒃᑯᕈᑎᒃᑯᑦ 150-300-ᓂᒃ ᓄᓇᒃᑯᕈᑎᓂᒃ ᐊᑐᕆᐊᖃᖅᓂᐊᖅᑐᑦ ᖃᐅᑕᒫᑦ, ᐃᒪᖅᒧᑦ ᓱᐸᓗᓕᐅᕈᒪᔪᑦ ᓄᓇᒃᑯᕈᑎᓂᒃ ᐊᑐᖅᒋᖕᒐᖅᓗᑎᒃ.**
- ᐊᒥᓱᖅᑐᕆᐊᖅᒋᖕᒐᖅᓗᒋᑦ ᓄᓇᒃᑯᕈᑎᒃᑯᑦ ᐊᒃᔭᖅᑐᐃᓂᖅ ᑕᕆᐅᓕᖕᒥᑦ ᐃᒪᖅᒥᑦ ᑕᓱᔪᐊᖅᒥᑦ ᐃᑎᕕᐊᓄᑦ, 34 ᑭᓛᒥᑕᓂᒃ ᑕᑭᑎᒋᔪᖅ ᓱᐸᓗᓕᒃ ᑕᓱᔪᐊᖅᒥᑦ ᐃᑎᕕᐊᓄᑦ ᐱᔭᐅᖕᒐᕈᒪᔪᖅ,
  - 2 x 16 ᐃᖅᓱᓂᒃ ᖁᑦᑎᖕᓂᓕᒃ ᓴᖅᒋᔪᖅ ᐊᐅᒃᑕᔪᖅᒥᑦ ᓱᐸᓗᓕᑦ
  - ᐃᒪᖅ ᓴᖅᑯᑕᐅᔪᖅ ᐃᑎᕕᐊᓄᑦ ᐊᖏᖕᓕᒋᐊᕋᔭᖅᑐᖅ 800- 1,600 m³-ᒥᑦ ᖃᐅᑕᒫᑦ 6,000 - 12,000 m³-ᒧᑦ ᖃᐅᑕᒫᒃᑯᑦ (1.6 - 3.2 ᒥᓕᔭᒃ ᒐᓚᓐᓗᐊᑦ ᖃᐅᑕᒫᒃᑯᑦ)






## TRADE-OFFS FOR MOVING WATER TO THE OCEAN

AGNICO EAGLE

Final Environmental Impact Statement (FEIS) Addendum (Agnico Eagle 2020):

- Assessed alternatives to reduce environmental and socio-economic impacts while increasing efficiency at the mine
- Alternatives for moving treated groundwater for ocean discharge were reviewed:
  1. Waterline – Using a 16-inch line
  2. Trucking – Using trucks similar to current operation
  3. Trucking and Waterline – Using a combination of trucks and waterline

✓ **Waterline was selected as the preferred alternative**
- Key considerations included reduced traffic and emissions

# ᐃᒪᕐᒥᒃ ᑕᕆᐅᖅ ᐃᒪᖓᓄᐊᖅᓯᓃᑦ

AGNICO EAGLE

ᑭᖑᓪᓕᖅᐹᖅ ᐊᕙᑎᒥᒃ ᐊᒃᑐᖅᓯᓂᕐᒧᑦ ᑎᑎᖅᑲᕐᒧᑦ (FEIS) ᐃᓚᓕᐅᑎᓯᒪᔪᖅ (ᐊᒡᓃᑯᒃᑯᑦ 2020):

- ᖃᐅᔨᓴᐃᓂᖅ ᐊᓯᐊᒍᖓᖅ ᐊᑐᖅᑕᐅᔪᖕᓇᖅᑐᓂᒃ ᒥᒃᓱᒋᐊᕐᓂᐊᕐᓗᒍ ᐊᕙᑎᒧᑦ ᐊᒻᒪᓗ ᐃᓄᐃᑦ-ᐱᕈᖅᐸᓪᓕᐊᓂᖏᓐᓄᑦ ᐊᒃᑐᖅᓯᓂᐅᔪᑦ ᐊᖏᒡᓕᒋᐊᖅᑎᕐᓗᒍ ᐊᔪᖏᓐᓂᐊᕐᓂᖓ ᐅᔭᖅᑕᕆᐊᕐᒥᑦ
- ᐊᓯᐊᒍᖓᖅ ᐊᑐᖅᑕᐅᔪᖕᓇᖅᑐᑦ ᐱᓕᕆᐊᖑᓯᒪᔪᖅ ᓄᓇᒥᑦ ᐃᒪᕐᒥᒃ ᑕᕆᐅᕐᒧᑦ ᑯᕕᑎᑕᐅᓂᐊᕐᓗᓂ:
  1. ᐃᒪᕐᒧᑦ ᓱᐸᓗᓕᒃ - ᐊᑐᕐᓗᓂ 16 ᐃᓐᓯᓂᒃ ᓱᐸᓗᓕᖕᒥᑦ
  2. ᓄᓇᒃᑰᕈᑎᒃᑯᑦ - ᐊᑐᕐᓗᓂ ᓄᓇᒃᑰᕈᑎᓂᒃ ᒫᓐᓇᐅᔪᖅ ᐊᑐᖅᑕᐅᔪᑎᑐᑦ
  3. ᓄᓇᒃᑰᕈᑎᒃᑯᑦ ᐊᒻᒪᓗ ᐃᒪᕐᒧᑦ ᓱᐸᓗᓕᒃ - ᐊᑐᕐᓗᓂ ᑕᒪᐃᓐᓂᑦ ᓄᓇᒃᑰᕈᑎᓂᒃ ᐊᒻᒪᓗ ᐃᒪᕐᒧᑦ ᓱᐸᓗᓕᖕᒥᑦ

✓ **ᐃᒪᕐᒧᑦ ᓱᐸᓗᓕᒃ ᓂᕈᐊᖅᑕᐅᔪᖅ ᐊᑐᖅᑕᐅᖓᕈᒪᐸᓗᓂ**
- ᐃᓱᒪᒃᓴᖅᓯᐅᕈᑕᐅᔪᑦ ᐃᓚᐅᔪᑦ ᒥᒃᓱᒋᐊᕐᓗᑎᒃ ᐃᖏᕐᕋᔭᒃᑐᑦ ᐊᒻᒪᓗ ᓯᓚᒧᑦ ᐊᓂᐊᔪᑦ

## WATERLINE BENEFITS

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- **Waterline: Lower AWAR traffic**
  - ✓ Less dust
  - ✓ Less noise
  - ✓ Decreased effects on air quality, vegetation, wildlife and wildlife habitat, and people
  - ✓ Decreased risk of collisions
- **Waterline: Less Greenhouse Gas (GHG) Emissions**

| Transportation method | GHG (tons $CO_2$ equivalent/year) |
|---|---|
| Waterline | 101 – 200 |
| Approved Trucking | 23,761 – 47,420 |
| Increased Trucking | 346,024 – 691,683 |

## ᐃᒪᕐᒧᑦ ᓱᐸᓗᓕᖕᒥᑦ ᐃᑲᔫᑕᐅᔪᑦ

AGNICO EAGLE

- ᐃᒪᕐᒧᑦ ᓱᐸᓗᓕᒃ - ᒥᒃᓵᒋᐊᕐᓂᐊᖅᑐᑦ ᐃᖏᕋᕐᔭᒃᑐᑦ ᐅᑭᐅᓗᒃᑖᖅ ᐊᐸᕐᑯᑎᒃᑯᑦ
  - ✓ ᐳᔪᖅᑖᕐᑲᓗᐊᖏᓐᓂᖅᓴᐅᓗᓂ
  - ✓ ᓂᐱᖅᑲᓗᐊᖏᓐᓂᖅᓴᐅᓗᓂ
  - ✓ ᖃᓄᐃᖕᒐᓕᖅᑎᑦᑎᓂᖅᑲᙵᖏᓐᓂᖅᓴᐅᓗᓂ ᐊᓂᖅᓵᖅᑐᖅᑕᐸᑕ ᖃᓄᐃᓐᓂᖕᒐᓄᑦ, ᐱᕈᖅᑐᓄᑦ, ᓂᕐᔪᑎᓄᑦ ᐊᒻᒪᓗ ᐃᓂᖏᓐᓄᑦ, ᐊᒻᒪᓗ ᐃᓄᖕᓄᑦ
  - ✓ ᐅᓗᕆᐊᓇᕐᓂᐅᔪᖅ ᑐᓗᖅᓯᓂᕐᒧᑦ ᒥᒃᓵᒋᐊᖅᑐᖅ

- ᐱᐅᖏᑦᑐᑦ ᓯᓚᒧᑦ ᐊᓂᐊᔪᑦ - ᒥᑭᓛᖅ ᐱᐅᖏᑦᑐᑦ ᐊᓂᐊᔪᑦ

| Transportation method | GHG ($CO_2$ ᐅᑭᐅᑕᒫᒃᑯᑦ) |
|---|---|
| ᐃᒪᕐᒧᑦ ᓱᐸᓗᓕᒃᑰᖅᑐᑦ: | 101 – 200 |
| ᓈᒻᒪᒋᔭᐅᔪᑦ ᓄᓇᒃᑰᕈᑎᒃᑯᑦ | 23,761 – 47,420 |
| ᓄᓇᒃᑰᕈᑎᒃᑯᑦ ᐃᒪᕐᒧᑦ ᓱᐸᓗᓕᒃ | 346,024 – 691,683 |

## WATERLINE PROJECT CONSULTATIONS

AGNICO EAGLE

- Consultations were held in March 2020, and a second round of consultations began in July 2020. The application is currently under review by NIRB. We anticipate some form of hearings later this year, and NIRB is seeking feedback on how to conduct the process.
- From the feedback received during the March consultations, Agnico Eagle discussed building crossings along the proposed waterline for caribou, ATVs, and snowmobiles.
- In the second round of consultations, we heard that some people prefer the waterline to increased trucking, however, there is a lot of concern around impacts to caribou.
  - To address the impacts to caribou, Agnico Eagle is looking at different options to cover the pipe instead of crossings.

## ᓱᐸᓗᓕᖕᒧᑦ ᐱᓕᕆᐊᖅ

AGNICO EAGLE

- ᐅᖃᖃᑎᖃᓚᐅᖅᑐᑦ ᓇᑦᑎᐊᑦ 2020-ᒥᑦ, ᐊᒻᒪᓗ ᑐᒡᓕᐊᓂᑦ ᐅᖃᖃᑎᖃᖅᓱᑎᒃ ᓴᒻᒐᕈᑦ 2020-ᒥᑦ.
- ᐅᖃᖃᑎᖃᓚᐅᖅᑐᑦ ᓇᑦᑎᐊᑦ 2020-ᒥᑦ, ᐊᒻᒪᓗ ᒫᓐᓇᐅᔪᖅ ᑐᒃᓯᕋᐅᑕᐅᔪᖅ ᕿᒥᕐᕈᔭᐅᔪᖅ ᐊᕙᑎᓕᕆᔨᒃᑯᓐᓄᑦ. ᓂᕆᐅᒃᑐᒍᑦ ᖃᓄᑭᐊᖅ ᑲᑎᒪᑎᑦᑎᓂᖃᕐᓂᐊᕐᓂᐸᑎᖕᓄᑦ ᐅᑭᐅᖑᔪᖅ, ᐊᒻᒪᓗ ᐊᕙᑎᓕᕆᔨᒃᑯᑦ ᑐᓴᕈᒪᔪᑦ ᖃᓄᖅ ᐱᓕᕆᐊᖑᓂᐊᕐᓂᖓᓄᑦ.
- ᑐᓴᕐᕕᐅᓚᐅᖅᑐᓂᑦ ᓇᑦᑎᐊᑦ-ᒥᑦ ᐅᖃᖃᑎᖃᕐᓂᐅᓚᐅᖅᑐᓂᑦ, ᐊᒡᓃᑯᒃᑯᑦ ᖃᐅᔨᒪᔪᑦ ᓱᐸᓗᓕᕐᕕᐅᓂᐊᖅᑐᒥᑦ ᐃᑳᕐᕕᓕᐅᕆᐊᖃᕐᒪᑕ ᑐᒃᑐᓄᑦ, ᐯᐊᓐᑕᓄᑦ, ᐊᒻᒪᓗ ᓯᑭᑑᓄᑦ.
- ᑐᒡᓕᐊᓂᑦ ᐅᖃᖃᑎᖃᕐᓂᕐᓂᑦ, ᑐᓴᕐᕕᒋᓚᐅᖅᑕᕗᑦ ᑕᒪᓗᒃᑖᖅᑲᔭᖅ ᐃᓄᐃᑦ ᓱᐸᓗᓕᖅᓯᕐᑯᔨᐸᓗᑎᒃ ᐊᒥᓱᙱᕆᐊᖏᖓᕐᓗᒋᑦ ᓄᓇᒃᑰᕈᑎᒃᑯᑦ ᐊᒻᔭᖅᑐᐃᓃᑦ, ᑭᓯᐊᓂ ᐊᒥᓱᓂᒃ ᐃᓱᒫᓗᑎᑕᖃᐅᖅᑐᑦ ᐊᒃᑐᖅᑕᐅᓂᖏᓐᓄᑦ ᑐᒃᑐᐃᑦ.

## COVERING THE WATERLINES

AGNICO EAGLE

- Throughout the consultation process with the community, Agnico Eagle heard concerns about potential impacts of the waterlines on caribou.
- We understand the importance of caribou to the community, and we take these concerns seriously.
- As a direct result of the consultation process, we are currently looking at different options on how to improve the caribou crossings proposal – we are evaluating options to cover and/or bury the waterline instead of building crossings.
- We may be able to bury/cover between 80-90% of the waterline with sand and gravel backfill.
  - Where possible, the waterlines will be fully buried, in other places, the waterlines will be sitting on the land and covered with sand and gravel backfill. There will be areas that we cannot bury or cover the waterlines due to obstacles on the land (e.g. culverts, bridge approaches, ponds, etc.) or where the road is thin. The details on where we can bury, where we can cover, and where we need to leave the waterlines on the land is being reviewed and we will provide more details as it is confirmed.
  - The waterlines will be buried and covered at Apache Pass.
- **Will the above solution address community concerns and reduce potential impacts to caribou?**

## ᓱᑉᓗᓕᖕᒧᑦ ᐱᓕᕆᐊᖅ

AGNICO EAGLE

- ᐅᖃᖃᑎᖃᖅᑎᓪᓗᒋᑦ ᓄᓇᓕᖕᒥᐅᓂᑦ, ᐊᒃᓃᑯᒃᑯᑦ ᐃᓱᒪᒍᑕᐅᔪᓂᒃ ᑐᓴᓚᐅᖅᑐᑦ ᐊᒃᑐᖅᑕᐅᓯᒪᔪᖕᓇᕐᓂᖕᒋᓐᓂᒃ ᑐᒃᑐᐃᑦ ᐃᒪᕐᒧᑦ ᓱᑉᓗᓕᖕᒋᒧᑦ.
- ᑐᑭᓯᐊᔪᒧᑦ ᓄᓇᓕᖕᒥᐅᓄᑦ ᐱᒻᒪᕆᐅᒋᔭᐅᖕᒪᑕ ᑐᒃᑐᐃᑦ, ᑕᒪᒃᑯᐊᓗ ᐃᓱᒪᒍᑕᐅᔪᑦ ᐱᒻᒪᕆᐅᒋᔭᕗᑦ.
- ᐅᖃᖃᑎᖃᕐᓂᕐᒥᑦ ᐱᔪᓂᒃ, ᒫᓐᓇᐅᔪᖅ ᕿᒥᕐᕈᔪᒧᑦ ᐊᔾᔨᒌᙱᑦᑐᓂᒃ ᐊᑐᖅᑕᐅᔪᖕᓇᖅᑐᓂᒃ ᐱᐅᓯᒋᐊᖅᓯᓂᕐᒥᒃ ᑐᒃᑐᐃᑦ ᐃᑳᖅᑕᕐᕕᒋᓂᐊᖅᑕᖕᒋᓐᓂᑦ - ᕿᒥᕐᕈᔪᒧᑦ ᐊᑐᖅᑕᐅᔪᖕᓇᖅᑐᓂᒃ ᖃᓕᕐᓂᐊᕐᓗᒍ ᐃᑳᕐᕕᓕᐅᖕᒋᖕᒫᕐᓗᓂ.
- ᖕᒐ ᓱᑉᓗᓕᐅᑉ ᖃᓕᕈᖕᓇᕐᓂᐊᖅᑕᒃᓴᕆᔭᕗᑦ ᓯᐅᕋᕐᒥᑦ ᐊᒻᒪᓗ ᐊᑉᖁᑎᒧᑦ ᐊᑐᖃᑦᑕᖅᑐᓂᒃ ᓯᐅᕋᕐᒥᑦ ᐃᓕᐅᖅᑲᐃᕝᕕᒋᓗᒍ.
  - ᐊᔪᕐᓇᖅᒋᒃᑳᖕᒐᑦ, ᐃᒪᕐᒧᑦ ᓱᑉᓗᓕᒃ ᖃᓕᖅᑕᐅᓗᒃᑖᕐᓂᐊᖅᑐᑦ, ᐊᓯᖕᒋᓐᓂᑦ ᐃᓂᐅᔪᓂᑦ, ᓱᑉᓗᓖᑦ ᓄᓇᐅᑉ ᖃᖕᒐᓃᓐᓂᐊᖅᑐᑦ ᖃᓕᖅᓯᒪᓗᑎᒃ ᓯᐅᕋᕐᒥᑦ ᐊᒻᒪᓗ ᐊᑉᖁᑎᒧᑦ ᐊᑐᖅᑕᐅᖃᑦᑕᖅᑐᒥᒃ ᓯᐅᖅᑲᒥᑦ. ᐃᓂᑕᖃᐅᕐᓂᐊᖅᑐᖅ ᓄᓇᐅᑉ ᐃᓗᐊᓄᐊᕐᓂᖅ ᐊᔪᕐᓂᐊᖅᑕᑉᑎᖕᓂᑦ ᖃᓕᕐᓗᒍᓗᓐᓃᑦ ᓱᑉᓗᓕᒃ ᓄᓇᐅᑉ ᖃᓄᐃᖕᒐᓂᖕᒐ ᐱᒃᔪᑎᒋᑉᓗᒍ (ᓱᕐᓗ, ᓴᕕᐅᔪᑦ ᐃᒪᕐᒧᑦ ᓱᑉᓗᐃᑦ, ᐃᑳᕐᕕᑦ, ᑕᓯᕋᔭᐃᑦ ᑕᒪᒃᑯᐊᕋᓗᐃᑦ) ᐅᕝᕙᓗᓐᓃᑦ ᐊᑉᖁᑎᐅᑉ ᐃᓚᖕᒐ ᓵᑦᑑᒃᐸᑦ. ᓇᓗᓇᐃᔭᖅᓯᒪᓃᑦ ᓄᓇᐅᑉ ᐃᓗᐊᓄᐊᕈᖕᓇᕐᓂᐊᖅᑕᑉᑎᖕᓄᑦ, ᖃᓕᕈᖕᓇᕐᓂᐊᖅᑕᑉᑎᖕᓄᑦ, ᐊᒻᒪᓗ ᓱᑉᓗᓕᒃ ᓄᓇᐅᑉ ᖃᖕᒐᓃᑦᑕᓇᐊᖃᕐᓂᐊᖅᑐᓄᑦ ᕿᒥᕐᕈᔭᐅᔪᑦ ᐊᒻᒪᓗ ᓇᓗᓇᐃᔭᐅᑎᓂᒃ ᑐᓂᓯᓂᐊᖅᑐᒍᑦ ᓇᓗᓇᐃᖅᑕᐅᒃᐸᑕ.
  - ᐃᒪᕐᓄᑦ ᓱᑉᓗᓖᑦ ᓄᓇᐅᑉ ᐃᓗᐊᓄᐊᖅᑕᐅᓂᐊᖅᑐᑦ ᖃᓕᖅᑕᐅᓗᑎᒃᓗ ᐊᐹᑦᓯ ᐹᒃᒥᑦ - ᕐᑯᑦᑎᖕᓂᖅᐹᖕᒍᔪᖅ ᐃᑳᕐᕕᐅᑉ ᑐᖕᒐᑦ.

**ᐋᖅᑭᒃᓯᓃᑦ ᕐᑯᓛᓃᑦᑐᑦ ᐱᓕᕆᐊᖃᕐᓂᐊᖅᐸᑦ ᓄᓇᓕᖕᒥᐅᑦ ᐃᓱᒪᒍᑎᒋᔭᖕᒋᓐᓂᑦ ᒥᒃᓱᒋᐊᖅᓯᓗᑎᒃᓗ ᐊᒃᑐᖅᓯᓂᐅᔪᖕᓇᖅᑐᓂᒃ ᑐᒃᑐᓄᑦ?**



## FEEDBACK AND COMMITMENTS FROM WATERLINE CONSULTATIONS

AGNICO EAGLE

- During the consultations, we received feedback that we were able to incorporate into the project:

| Community Feedback | Commitments |
|---|---|
| Agnico Eagle should have a dedicated phone number for community members to report any leaks in the waterline. | If the waterline is approved, Agnico Eagle will set up a toll-free number that community members can use to report if they see a problem along the waterline. This phone number will be advertised and communicated to community members. |
| Incremental shut-off valves and monitoring should be done along the waterline in case there are leaks. | It is planned to incorporate a fiber optic leakage detection system on the waterlines. This is currently in development but already is in use at an Agnico Eagle Mine in Quebec. |
| Routing of the line around Apache Pass – Agnico Eagle should follow the route of the Hamlet's existing waterline. | In the area of Apache Pass the waterlines will be routed on the East side of the rock outcrop, like the routing of the 12-inch water pipe for the Hamlet until they reach closer to the by-pass road (see Appendix for map). |
| Visibility of the waterline: there should be earlier signs and markers so that the waterline is visible in the winter. | Markers will be paced on the waterline, spacing has not yet been finalized, but likely be every 50-100 meters. |
| Agnico Eagle should build caribou crossings using material that animals will be able to walk over | The caribou crossings will be built with sand and gravel from the eskers. |
| Agnico Eagle should bury, cover, or half cover the pipes. | Agnico Eagle is evaluating ways to bury/cover between 80-90% of the waterline and will continue to work with the HTO, KIA, Elders, and the community. |

## ᐅᖃᐅᓯᐅᔪᑦ ᓱᐸᓗᓕᐅᐸ ᒥᒃᓵᓄᑦ ᐅᖃᖃᑎᖃᕐᓂᕐᓂᑦ

AGNICO EAGLE

- ᐅᖃᖃᑎᖃᓚᐅᖅᑎᒡᓗᑕ ᓇᑦᑎᐊᑦ-ᒥᑦ, ᑐᓴᓚᐅᖅᑐᒍᑦ ᐅᖃᐅᓯᐅᔪᓂᒃ ᐃᓚᓕᐅᑎᔪᖕᓇᖅᓱᑎᒍᑦ ᐱᓕᕆᐊᕐᒧᑦ:

| ᓄᓇᓕᖕᒥᐅᓂᒃ ᐅᖃᐅᓯᐅᔪᑦ | ᑭᐅᒃᔪᑎ |
|---|---|
| ᐊᒃᓃᑯᒃᑯᑦ ᐅᖃᓘᑎᒧᑦ ᓈᓴᐅᑎᒥᒃ ᐱᖃᓕᕋᔭᖅᑐᑦ ᓄᓇᓕᖕᒥᐅᑦ ᐅᖃᓗᒃᕕᒋᔪᖕᓇᕐᓂᐊᕐᓗᓂᐅᒃ ᓱᐸᓗᓕᖕᒥᑦ ᑯᕕᓂᖃᖅᑐᒥᒃ ᖃᐅᔨᒃᐸᑕ. | ᓱᐸᓗᓕᒃ ᓈᒻᒪᒋᔭᐅᒃᐸᑦ, ᐊᒃᓃᑯᒃᑯᑦ ᐋᖅᑭᒃᓯᓂᐊᖅᑐᑦ ᐊᑭᖃᖅᒋᑦᑐᖅ ᐅᖃᓘᑎᒥᒃ ᓄᓇᓕᖕᒥᐅᑦ ᐊᑐᕈᖕᓇᕐᓂᐊᖅᑕᖕᒋᑦ ᓱᐸᓗᓕᐅᐸ ᒥᒃᓵᓄᑦ ᖃᓄᑐᐃᓐᓇᖅ ᓈᒻᒪᖅᒋᑦᑐᒥᒃ ᖃᐅᔨᒍᑎᒃ. ᐅᖃᓘᑎᒧᑦ ᓈᓴᐅᑎ ᑐᓴᒐᒃᓴᐅᑎᑕᐅᓂᐊᖅᑐᖅ ᓄᓇᓕᖕᒥᐅᓄᑦ. |
| ᐃᓚᖓᓂᑦ ᓱᐸᓗᓕᖕᒥᑦ ᓄᖅᑲᖅᑎᑦᑎᒃᔪᑎᖃᕐᓂᐊᖅᑐᖅ ᐊᒻᒪᓗ ᖃᐅᔨᓴᐃᓂᕐᒥᒃ ᑯᕕᔪᖃᓇᐊᒃᓴᖓᓂᑦ. | ᑯᕕᔪᒥᒃ ᖃᐅᔨᒃᔪᑎᓂᒃ ᐃᓕᓯᔪᒪᔪᑦ ᓱᐸᓗᓕᖕᒧᑦ. ᒫᓐᓇ ᐱᕙᓪᓕᐊᔭᐅᔪᖅ ᑭᓯᐊᓂ ᐊᑐᖅᑕᐅᓕᐊᓂᒃᑐᖅ ᐊᒃᓃᑯᒃᑯᑦ ᐅᔭᕋᑦᑕᓇᐊᖓᓂᑦ ᑯᐸᐃᒃ-ᒥᑦ. |
| ᐊᑦᑯᑎᖓ ᓱᐸᓗᓕᐅᐸ ᕐᑯᑦᑎᖕᓂᕐᒥᑦ ᐃᖃᓗᒫᕐᔪᓕᐊᖅᓱᓂ - ᒪᓕᖕᓂᐊᖅᑕᕗᑦ ᑕᐃᒪᐅᔪᖅ ᐯᐊᒻᓚᒃᑯᑦ ᐃᒪᕐᒧᑦ ᓱᐸᓗᓕᖓᑦ. | ᕐᑯᑦᑎᖕᓂᕐᒥᑦ ᐃᖃᓗᒫᕐᔪᓕᐊᖅᓱᓂ ᓱᐸᓗᓕᑦ ᐋᖅᑭᒃᑕᐅᓂᐊᖅᑐᑦ ᑲᓇᖕᓇᖓᓂᑦ ᐅᔭᖅᑲᐃᑦ, ᐯᐊᒻᓚᒃᑯᑦ 12 ᐃᖕᓯᑦ ᐃᒪᕐᒧᑦ ᓱᐸᓗᓕᖓᑦᑎᑐᑦ ᑕᐃᑯᖓ ᐊᑦᑯᑎᒃᑲᓂᐅᔪᒧᑦ (ᑕᑯᓗᒍ ᑎᑎᖅᑲᖅ ᐃᓚᒋᔭᐅᔪᖅ ᓄᓇᖅᒍᐊᕐᒥᑦ). |
| ᑕᑯᒃᓴᐅᓂᖓ ᓱᐸᓗᓕᒃ: ᓇᓗᓇᐃᒃᑯᑎᑕᖃᕐᓂᐊᖅᑐᑦ ᓇᓗᓇᐃᖅᓯᔪᑎᓂᒃᓗ ᓱᐸᓗᓕᒃ ᑕᑯᒃᓴᐅᖃᑦᑕᕐᓂᐊᕐᒪᑦ ᐅᑭᐅᖑᑎᒡᓗᒍ. | ᓇᓗᓇᐃᖅᓯᔪᑏᑦ ᐊᑦᓯᒪᐅᕐᓂᐊᖅᑐᑦ ᓱᐸᓗᓕᖕᒥᑦ, ᖃᓄᑎᒋ ᐊᑦᓯᒪᐅᕐᓂᐊᕐᓂᖕᒋᓂᒃ ᐋᖅᑭᒃᓯᓚᐅᖕᒋᑦᑐᑦ ᓱᓕ, ᑭᓯᐊᓂ ᐃᒻᒪᖅᑳ 50-100 ᒦᑕᓂᒃ ᐅᖓᓱᒃᑎᒌᖕᓂᐊᖅᑐᑦ. |
| ᐊᒃᓃᑯᒃᑯᑦ ᑐᒃᑐᓄᑦ ᐃᑳᕐᕕᓕᐅᕋᔭᖅᑐᑦ ᐊᑐᕐᓗᑎᒃ ᓂᕐᔪᑏᑦ ᐱᓱᒃᕕᒋᓂᖅ ᐊᔪᖕᒋᓐᓂᐊᖅᑕᖕᒋᓐᓂᒃ | ᑐᒃᑐᓄᑦ ᐃᑳᕐᕕᑦ ᓴᓇᔭᐅᓂᐊᖅᑐᑦ ᓯᐅᕋᕐᒥᑦ ᓄᓇᒥᑦ ᐱᔭᐅᔪᓂᒃ. |
| ᐊᒃᓃᑯᒃᑯᑦ ᖃᓕᕐᓗᓂᒃᔪᒃ, ᓇᐸᖓᓘᓐᓃᑦ ᓱᐸᓗᓕᒃ ᖃᓕᕐᓗᒍ. | ᐊᒃᓃᑯᒃᑯᑦ ᕿᒥᕐᕈᔪᑦ ᖃᓄᖅ ᖃᓪᓕᖅᑕᐅᓇᔭᕐᒪᖓᑦ/ᖃᓕᕐᓗᒍ 80-90%-ᖓ ᐃᒪᕐᒧᑦ ᓱᐸᓗᓕᒃ ᐊᒻᒪᓗ ᐱᓕᕆᖃᑎᖃᐃᓐᓇᕐᓂᐊᖅᑐᑦ ᐆᒪᔪᓕᕆᔨᐊᓛᒃᑯᓐᓂᑦ, ᑭᕙᓪᓕᕐᒥᑦ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᒃᑯᓐᓂᑦ, ᐃᓐᓇᕆᔭᐅᔪᓂᒃ, ᐊᒻᒪᓗ ᓄᓇᓕᖕᒥᑦ. |

## WATERLINE PROJECT

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- NIRB is currently evaluating different scenarios for reviewing our application, however in the meantime, there **is some preparation work that needs to happen before any NIRB decision**:
  - **Shipment of pipe**: given the barge season, this is due to start arriving in mid-July. The pipe will be transported and stored at Meliadine – **there will be no pipe laid down until the NIRB has made a decision**.
    - Pipe began to arrive in mid-July.
    - The rest of the pipe will be distributed on the remaining boats. All of the pipe will be brought to site during 2020 barge season.
  - The above work will be communicated in advance to the community by Facebook, local radio, and the AEM website.

## ᓱᐸᓗᓕᖕᒧᑦ ᐱᓕᕆᐊᖅ

AGNICO EAGLE

- ᐊᕙᑎᓕᕆᔨᒃᑯᑦ ᒫᓐᓇᐅᔪᖅ ᕿᒥᕐᕈᔪᑦ ᐊᔾᔨᒌᙱᑦᑐᓂᒃ ᐊᑐᖅᑕᐅᔪᓐᓇᖅᑐᓂᒃ ᕿᒥᕐᕈᓂᐊᕐᓗᒍ ᑐᒃᓯᕋᐅᓯᐊᕗᑦ, ᑭᓯᐊᓂ ᒫᓐᓇᐅᔪᖅ, ᐃᓚᖏᓐᓂᒃ ᐸᕐᓇᐃᓂᖃᖅᑐᑦ ᐱᔭᕆᐊᖃᖅᑐᓄᑦ ᐊᕙᑎᓕᕆᔨᒃᑯᑦ ᐃᓱᒪᓕᐅᕆᓂᐊᓵᖅᑎᓪᓗᒋᑦ:
  - **ᐊᒻᔭᖅᑕᐅᓂᖓ ᓱᐸᓗᓕᒃ**: ᐅᒥᐊᕐᔪᐊᑦ ᑎᑭᖃᑦᑕᓕᕐᓂᐊᖅᑎᓪᓗᒋᑦ, ᑎᑭᐸᐸᓪᓕᐊᓕᕋᔭᖅᑐᖅ ᕿᑎᐊᓂᑦ ᓴᒻᒪᒋᑦ. ᓱᐸᓗᓕᒃ ᐊᒻᔭᖅᑕᐅᓂᐊᖅᑐᖅ ᑐᖅᑯᖅᑕᐅᓯᒪᓗᓂᓗ ᑕᓯᕐᔪᐊᕐᒥᑦ - ᓱᐸᓗᓕᖕᒥᑦ ᐃᓕᓯᔾᔭᖕᒥᑦᑐᑦ ᑭᓯᐊᓂ ᐊᕙᑎᓕᕆᔨᒃᑯᑦ ᐃᓱᒪᓕᐅᕋᓂᒃᐸᑕ.
    - ᓱᐸᓗᓕᒃ ᑎᑭᐸᐸᓪᓕᐊᓕᓚᐅᖅᑐᖅ ᓴᒻᒪᒋᑦ ᕿᑎᐊᓂᑦ
    - ᐊᒥᐊᒃᑯᖕᒥᑦ ᓱᐸᓗᓕᒃ ᑭᖑᓂᐊᒍᑦ ᐅᒥᐊᕐᔪᐊᓐᓂᐊᖅᑐᑦ. 100%-ᖓ ᓱᐸᓗᓕᒃ ᐅᔭᕋᒃᑕᕆᐊᕐᒧᐊᕐᓂᐊᖅᑐᑦ 2020-ᒥᑦ ᐅᒥᐊᕐᔪᐊᑦ ᑎᑭᖃᑦᑕᖅᑎᓪᓗᒋᑦ.
  - ᕐᑯᓛᓂᑦ ᐅᖃᐅᓯᐅᔪᑦ ᐱᓕᕆᐊᕐᖑᓂᐊᖅᑐᑦ ᑐᓴᖅᑎᑦᑎᔾᔪᑕᐅᓂᐊᖅᑐᑦ ᓄᓇᓕᖕᒥᐅᓄᑦ Facebook-ᑯᑦ, ᓈᓚᒃᕕᐊᓛᒃᑯᑦ, ᐊᒻᒪᓗ ᐊᒃᓃᑯᒃᑯᑦ ᖃᕆᑕᐅᔭᒃᑯᑦ ᑕᑯᔭᐅᒥᐊᖅᑕᕐᕕᖕᒐᒍᑦ.

## NEXT STEPS

AGNICO EAGLE

- We will continue to give you updates as these files evolve.
- There is lot of information on our website www.aemnunavut.ca
- Community members can always reach us at our Rankin Inlet office, our Facebook page, or Tusaajugut.
  - **(867) 645-2920 extension 0** or send an email to rankininlet@agnicoeagle.com.
  - On Facebook @AEMMeliadine
  - Through Tusaajugut:
    - 1-844-323-3002
    - tusaajugut@agnicoeagle.com

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ᑐᓴᔪᒍᑦ tusaajugut WE'RE LISTENING

## ᐱᓕᕆᐊᖅᑐᒋᐊᕐᓂᐊᖅᑐᑦ

AGNICO EAGLE

- ᐅᑉᓗᒥᒍᓕᖅᑐᖅᓯᒪᔪᓂᒃ ᑐᓴᖅᑎᖃᑦᑕᕐᓂᐊᖅᑕᐸᑎᒋᑦ ᐱᕙᓪᓕᐊᑎᓪᓗᑕ.
- ᑐᑭᓯᐅᒪᔾᔪᑎᑕᖃᐅᑦᑎᐊᖅᑐᖅ ᖃᕆᑕᐅᔭᒃᑯᑦ ᑕᑯᔭᒋᐊᖅᑕᕐᕕᐸᑎᖕᓂᑦ www.aemnunavut.ca
- ᓄᓇᓕᖕᒥᐅᑕᐃᑦ ᐅᕙᐸᑎᖕᓂᑦ ᖃᐅᔨᒋᐊᕐᕕᖃᕈᖕᓇᖅᑐᑦ ᑲᖏᖅᓱᓂᕐᒥᑦ ᑎᑎᕋᕐᕕᐸᑎᖕᓄᑦ, Facebook-ᑯᑦ, ᐅᕝᕙᓘᓐᓃᑦ ᑐᓵᔪᒍᑦ-ᑯᑦ.
  - **(867) 645-2920 ᓇᕿᒃᑲᓐᓂᕐᓗᒍ 0** ᐅᕝᕙᓘᓐᓃᑦ ᖃᕆᑕᐅᔭᒃᑯᑦ ᑎᑎᕋᕐᕕᒋᓗᑕ rankininlet@agnicoeagle.com.
  - ᐃᑭᒃᑐᖅ Facebook @AEMMeliadine
  - ᑐᓵᔪᒍᑦ-ᑯᑦ:
    - 1-844-323-3002
    - tusaajugut@agnicoeagle.com

AGNICO EAGLE tusaajugut WE'RE LISTENING



## PROPOSED WATERLINE ROUTING AT APACHE PASS

## ᓱᑉᓗᓕᒃ ᐃᓕᔭᐅᔪᒪᔪᖅ ᖁᑦᑎᖕᓂᕐᒥᑦ ᐃᖃᓗᒫᕐᔪᓕᐊᖅᓗᓂᒃᑯᑦ

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## CARIBOU BEST PRACTICES

## BEST MANAGEMENT PRACTICES
## ᐱᐅᓛᑦ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐊᑐᖅᑕᐅᖃᑦᑕᖅᑐᑦ

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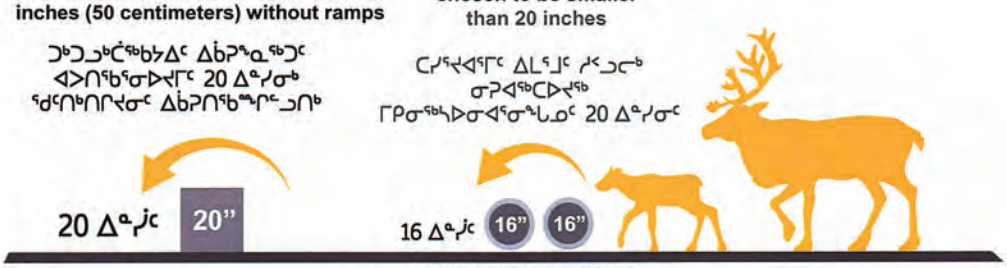
**Most caribou can physically cross obstacles such as snowbanks up to 20 inches (50 centimeters) without ramps**

ᑐᒃᑐᓗᒃᑖᖅᑲᔭᐃᑦ ᐃᑳᕈᖕᓇᖅᑐᑦ
ᐊᐳᑎᖃᕐᓂᐅᔪᒥᑦ 20 ᐃᓐᓯᓂᒃ
ᖁᑦᑎᒃᑎᒋᔪᓂᑦ ᐃᑳᕈᑎᖃᖕᒋᑦᓗᑎᒃ

**Meliadine waterlines chosen to be smaller than 20 inches**

ᑕᓯᕐᔪᐊᕐᒥᑦ ᐃᒪᕐᒧᑦ ᓱᐸᓗᓕᒃ
ᓂᕈᐊᖅᑕᐅᔪᖅ
ᒥᑭᓂᖅᓴᐅᓂᐊᕐᓂᖕᒐᓄᑦ 20 ᐃᓐᓯᓂᑦ




The Meliadine waterline will be 16" (40 cm)

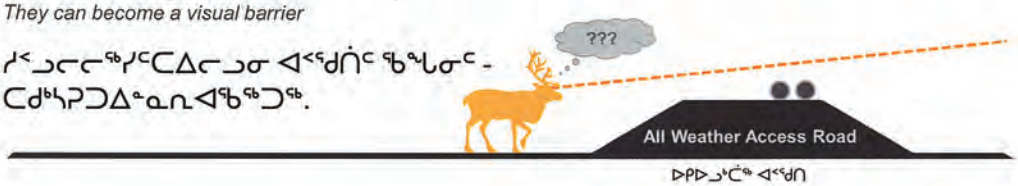
ᑕᓯᕐᔪᐊᕐᒥᑦ ᐃᒪᕐᒧᑦ ᓱᐸᓗᓕᒃ
ᐃᓐᓯᐅᓂᐊᖅᑐᖅ

## BEST MANAGEMENT PRACTICES
## ᐱᐅᓛᑦ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐊᑐᖅᑕᐅᖃᑦᑕᖅᑐᑦ

AGNICO EAGLE

### Avoid placing waterlines on top of roads
*They can become a visual barrier*

ᓱᐸᓗᓕᓕᖅᓯᑦᑕᐃᓕᓗᓂ ᐊᐸᕐᑯᑏᑦ ᖃᖓᓂᑦ -
ᑕᑯᒃᓴᕈᑐᐃᓐᓇᕆᐊᖃᖅᑐᖅ.




### Instead, place the waterline beside the road
*So they aren't a visual barrier to caribou*

ᑭᓯᐊᓂᖓᖅ, ᐃᓕᓗᒍ ᓱᐸᓗᓕ
ᐊᐸᕐᑯᑎᐅᐸ ᓴᓂᐊᓄᑦ.

ᓱᐸᓗᓖᑦ ᐊᐸᕐᑯᑏᑦ
ᑐᓄᐊᓄᐊᕐᓗᒋᑦ,
ᑕᑯᒃᓴᐅᔾᔮᙱᒻᒪᑕ ᑐᒃᑐᓄᑦ

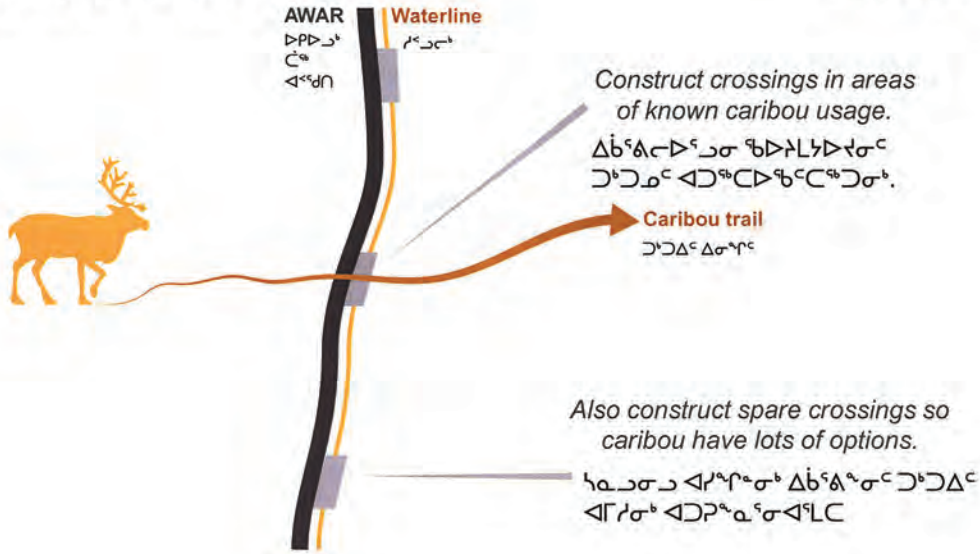
## BEST MANAGEMENT PRACTICES
## ᐱᐅᓛᑦ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐊᑐᖅᑕᐅᖃᑦᑕᖅᑐᑦ

AGNICO EAGLE

### Construct crossings into the roadside to help caribou cross.
ᐃᑳᕐᕕᓕᐅᕐᓗᓂ ᓴᓂᐊᓂᑦ ᐊᐸᕐᑯᑎᐅᐸ ᑐᒃᑐᐃᑦ ᐃᑳᕐᕕᒋᔪᓐᓇᕐᓂᐊᖅᑕᖏᓐᓂᑦ

## BEST MANAGEMENT PRACTICES
## ᐱᐅᓛᑦ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐊᑐᖅᑕᐅᖃᑦᑕᖅᑐᑦ

AGNICO EAGLE




## CARIBOU MITIGATION

AGNICO EAGLE

- Agnico Eagle has looked at best practices for waterlines in caribou country and has designed our line to exceed those best practices.
  - Waterline size is 16 inches (caribou can cross snowbanks and embankments up to 20 inches).
  - Waterline is placed on the far side of the road, on the embankment to not form a visual barrier.
- Based on operational observations, caribou cross the existing waterline at Meliadine every year, likely at the ATV crossing, and we are confident that they will be able to cross the waterline along the road.
- Agnico Eagle has a plan to install crossings on the waterline, which will include 1) Traditional Knowledge/IQ, 2) ongoing scientific studies, and 3) long term monitoring.

# ᐊᖏᓗᐊᖏᒋᐊᖅᑎᑦᑎᓂᕐᒧᑦ

AGNICO EAGLE

- ᐊᒃᓃᑯᒃᑯᑦ ᑕᐅᑐᓚᐅᖅᑐᑦ ᐱᐅᓛᒃᑯᑦ ᐊᑐᖅᑕᐅᖃᑦᑕᖅᑐᓂᒃ ᓱᐸᓗᓕᖕᓄᑦ ᑐᒃᑐᑕᓕᖕᓂᑦ ᐊᒻᒪᓗ ᐋᖅᑭᒃᓱᓚᐅᖅᑕᕗᑦ ᓱᐸᓗᓕᒃ ᐅᖓᑖᓄᑦ ᑎᑭᐅᑎᓂᐊᕐᓗᓂ ᑖᐸᑯᓄᖕᒐ ᐱᐅᓛᒃᑯᑦ ᐊᑐᖅᑕᐅᖃᑦᑕᖅᑐᓄᑦ.
  - ᐃᒪᕐᒧᑦ ᓱᐸᓗᓕᐅᐸ ᐊᖏᓂᖓ 16 ᐃᓐᓯᐅᔪᖅ (ᑐᒃᑐᐃᑦ ᐃᑲᕈᖕᓇᖅᑐᑦ ᐊᐳᑎᒃᑯᑦ ᖁᑦᑎᖕᓂᖃᖅᑐᑦ 20 ᐃᓐᓯᓂᒃ)
  - ᓱᐸᓗᓕᒃ ᐃᓕᔭᐅᓂᐊᖅᑐᖅ ᓴᓂᐊᓄᑦ ᐊᐸᖁᑎᐅᐸ, ᑕᓕᖕᒐᓗᒍ ᑕᑯᒃᓴᐅᓗᓂ ᓄᖅᑲᖅᑕᕈᑕᐅᓂᐊᖕᒋᒻᒪᑦ
- ᐊᑐᖅᓱᒋᑦ ᐊᐅᓛᖅᑎᑦᑎᓂᕐᒧᑦ ᖃᐅᔨᓴᐅᔪᑦ, ᐅᑭᐅᑕᒫᑦ ᑐᒃᑐᐃᑦ ᐃᑳᖃᑦᑕᖅᑐᑦ ᐃᒪᕐᒧᑦ ᓱᐸᓗᓕᒃᑯᑦ ᑕᓱᕐᔪᐊᕐᒥᑦᑐᒥᑦ, ᕼᐊᓐᑕᒃᑯᑦ ᐃᑳᕐᕕᐅᖃᑦᑕᖅᑐᒃᑰᔪᒃᓴᐅᔪᖅ, ᐊᒻᒪᓗ ᓇᓗᖕᒋᑦᑐᒍᑦ ᐃᑳᕈᖕᓇᕐᓂᐊᖅᑐᑦ ᐃᒪᕐᒧᑦ ᓱᐸᓗᓕᒃᑯᑦ ᐊᐸᖁᑎᒦᑦᑐᒥᑦ.
- ᐊᒃᓃᑯᒃᑯᑦ ᐃᓕᐅᖅᑲᐃᔪᒪᔪᑦ ᐃᑳᕐᕕᖕᓂᑦ ᓱᐸᓗᓕᒃᑯᑦ, ᐃᓚᐅᓂᐊᖅᑐᑦ 1) ᐱᖅᑯᓱᒃᑯᑦ ᖃᐅᔨᒪᓂᕆᔭᐅᔪᑦ / ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖃᖏᑦ, 2) ᓱᓇᑐᐃᓐᓇᓕᕆᓂᕐᒧᑦ ᖃᐅᔨᓴᐃᓂᐅᔪᑦ, ᐊᒻᒪᓗ 3) ᐊᑯᓂᐅᔪᒥᑦ ᖃᐅᔨᓴᐃᓂᖃᕐᓗᑎᒃ.

## MITIGATION PLAN FOR WATERLINE

## ᐊᖏᓗᐊᖏᒋᐊᖅᑎᑦᑎᓂᕐᒧᑦ ᐸᕐᓇᐅᑎ ᓱᐸᓗᓕᖕᒧᑦ

AGNICO EAGLE

**Traditional Knowledge / IQ:**
**ᐱᖅᑯᓱᒃᑯᑦ ᖃᐅᔨᒪᓂᕆᔭᐅᔪᑦ / ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖃᖏᑦ:**

Elder representatives from the HTOs will be invited to site to inspect the All Weather Access Road (AWAR) and identify locations where caribou crossing should be installed.

ᐃᓐᓇᕆᔭᐅᔪᓂᒃ ᑭᒡᒐᖅᑐᐃᔪᑦ ᐆᒪᔪᓕᕆᔨᐊᓛᒃᑯᓐᓂᑦ ᐅᔭᕋᒃᑕᕆᐊᕐᒧᐊᕐᑯᔭᐅᓂᐊᖅᑐᑦ ᖃᐅᔨᓴᕐᓂᐊᕐᓗᑎᒃ ᐅᑭᐅᓗᒃᑖᖅ ᐊᐸᖁᑎᒥᑦ ᐊᒻᒪᓗ ᖃᐅᔨᑎᑦᑎᓗᑎᒃ ᑐᒃᑐᐃᑦ ᐃᑳᕐᕕᑎᖃᑦᑕᕐᓂᐊᖅᑕᖏᑦ ᐃᓕᔭᐅᓂᐊᕐᒪᖔᑕ.

## MITIGATION PLAN FOR WATERLINE

ᐊᖏᒍᐊᖏᒋᐊᖅᑎᑦᑎᓂᕐᒧᑦ ᐸᕐᓇᐅᑎ ᓱᐸᒍᓕᖕᒧᑦ

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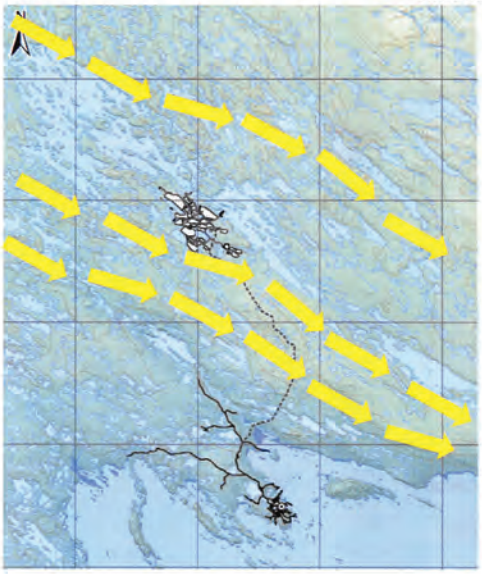
**Western Science: Collar study of the road**

Data from collars 2017-2019 used to identify locations where caribou have crossed the road.



ᐱᖓᓐᓇᖓᓂᑦ ᓱᓇᑐᐃᓐᓇᓕᕆᓂᖅ
ᖁᖓᓯᕈᑎᓂᒃ ᖃᐅᔨᓴᐃᓂᖅ ᐊᑉᖁᑎᒥᑦ

ᓈᓴᐅᑏᑦ/ᑎᑎᖅᑲᐃᑦ ᖁᖓᓯᕈᑎᓂᑦ ᐱᔭᐅᔪᑦ 2017-2019-ᒥᑦ ᐊᑐᖅᑕᐅᔪᑦ ᖃᐅᔨᓂᐊᕐᓗᑎᒃ ᐃᓂᐅᔪᓂᒃ ᑐᒃᑐᐃᑦ ᐃᑳᕐᕕᒋᖃᑦᑕᖅᑕᖕᒋᑦ ᐊᑉᖁᑎᒃᑯᑦ.

## MITIGATION PLAN FOR WATERLINE

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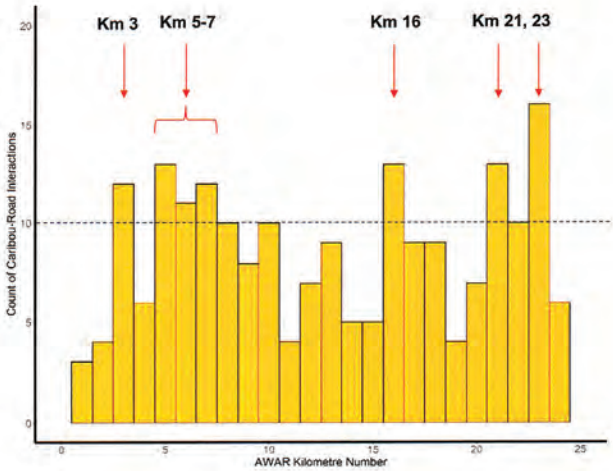
**Western Science: Collar study of the road**

- Some areas have more crossings (>10)
- Km 16 and 21-23 also identified by road-based surveys
- May be due to land features where caribou prefer to travel (e.g., dry land, existing trails, etc.)



# ᐊᖏᓗᐊᖏᒋᐊᖅᑎᑦᑎᓂᕐᒧᑦ ᐸᕐᓇᐅᑎ ᓱᐸᓗᓕᖕᒧᑦ

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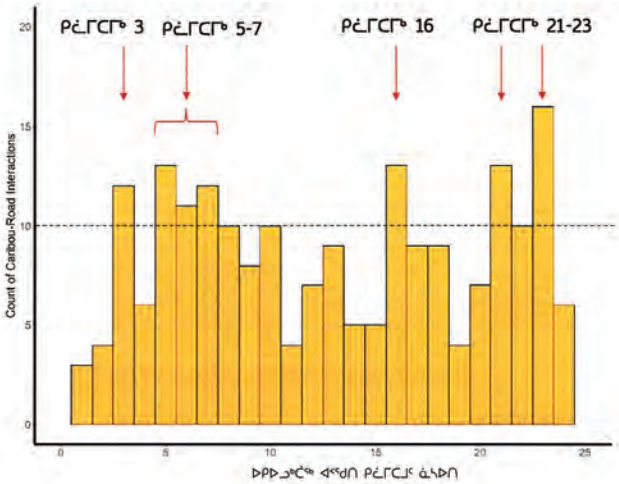
## ᐱᖓᖕᓇᖓᓂᑦ ᓱᓇᑐᐃᓐᓇᓕᕆᓂᖅ ᕐᑯᖓᓯᕈᑎᓂᒃ ᖃᐅᔨᓴᐃᓂᖅ ᐊᐸᕐᑯᑎᒥᑦ

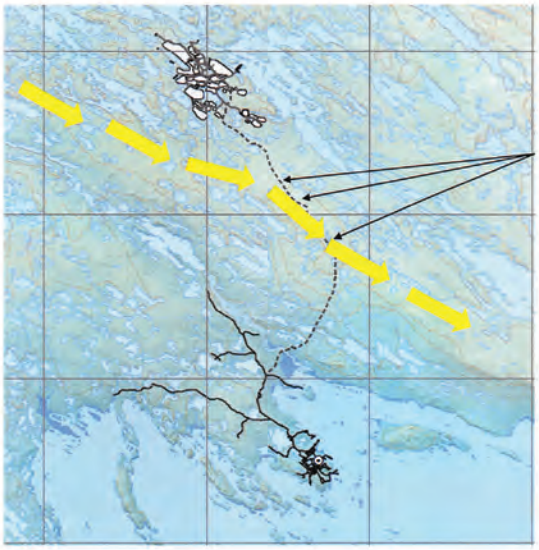
- ᐃᓚᖏᑦ ᐃᑳᕐᕕᖃᐅᕐᓂᖅᓴᐅᔪᑦ ((>10)
- ᑭᓛᒥᑕ 16 ᐊᒻᒪᓗ 21-ᒥᑦ 23-ᒧᑦ ᐃᓕᑕᕆᔭᐅᓚᐅᖅᑐᑦ ᐊᐸᕐᑯᑎᒥᕐᓱᑎᒃ ᖃᐅᔨᓴᐃᓂᕐᒥᑦ
- ᐱᔾᔪᑎᖃᑐᐃᓐᓇᕆᐊᓕᒃ ᓄᓇᒧᑦ ᐃᓚᒋᔭᐅᔪᓂᒃ ᑐᒃᑐᐃᑦ ᐃᖏᕐᕋᔭᒡᕕᒋᖕᒐᕈᒪᔭᖏᓐᓂᑦ (ᓱᕐᓗ ᐸᓂᖅᑐᖅ ᓄᓇ, ᐊᐸᕐᑯᑎᖏᑦ ᐃᓂᖏᑦ, ᑕᒪᒃᑯᐊᕋᓗᐃᑦ)




# MITIGATION PLAN FOR WATERLINE

## ᐊᖏᓗᐊᖏᒋᐊᖅᑎᑦᑎᓂᕐᒧᑦ ᐸᕐᓇᐅᑎ ᓱᐸᓗᓕᖕᒧᑦ

AGNICO EAGLE



**Western Science: Road Surveys – Vehicle-Based**

Road surveys are conducted every day when caribou may be on site. These surveys have identified several locations where caribou crossings commonly occur
(16, 24, 25 km).

**ᐱᖓᖕᓇᖓᓂᑦ ᓱᓇᑐᐃᓐᓇᓕᕆᓂᖅ: ᐊᐸᕐᑯᑎᒥᑦ ᖃᐅᔨᓴᐃᓃᑦ - ᓄᓇᒃᑯᕈᑎᒃᑯᑦ**

ᐊᐸᕐᑯᑎᒥᑦ ᖃᐅᔨᓴᐃᖃᑦᑕᖅᑐᑦ ᖃᐅᑕᒫᒃᑯᑦ ᑐᒃᑐᑕᖃᕌᖓᑦ ᐅᔭᕋᒃᑕᕆᐊᕐᒥᑦ. ᖃᐅᔨᓴᐃᓃᑦ ᖃᐅᔨᓚᐅᖅᑐᑦ ᖃᐸᓯᐊᕐᔪᖕᓂᑦ ᐃᓂᐅᔪᑦ ᑐᒃᑐᐃᑦ ᐃᑳᕐᕕᒋᒐᔪᒃᑕᖏᓐᓂᑦ (16, 24, 25 ᑭᓛᒥᑕᒥᒃ).

# MITIGATION PLAN FOR WATERLINE

ᐊᖏᓗᐊᖏᒋᐊᖅᑎᑦᑎᓂᕐᒧᑦ ᐸᕐᓇᐅᑎ ᓱᐸᓗᓕᖕᒧᑦ

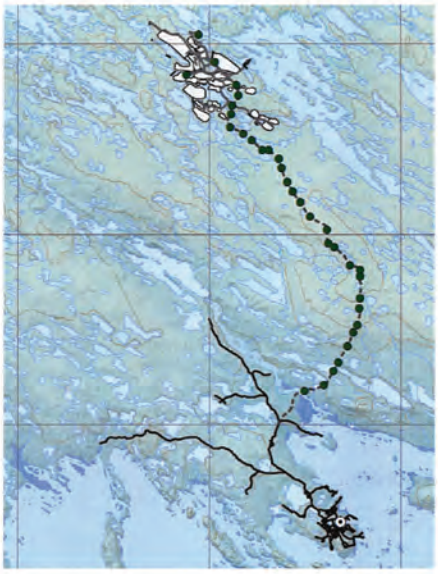
AGNICO EAGLE

**Western Science: Camera Study of the Road**

Trail cameras have been placed along the AWAR to identify any other locations where caribou may cross.

**ᐱᖓᓐᓇᖓᓂᑦ ᓱᓇᑐᐃᓐᓇᓕᕆᓂᖅ: ᐊᔾᔨᓕᐅᕈᑎᒃᑯᑦ ᖃᐅᔨᓴᐃᓂᖅ ᐊᐸᖅᑯᑎᒥᑦ**

ᐃᓂᓂᑦ ᐊᔾᔨᓕᐅᕈᑏᑦ ᐃᓕᔭᐅᓯᒪᔪᑦ ᐅᑭᐅᓗᒃᑖᖅ ᐊᐸᖅᑯᑎᒥᑦ ᖃᐅᔨᓂᐊᕐᓗᑎᒃ ᐊᓯᖏᓐᓂᒃ ᐃᓂᐅᔪᓂᒃ ᑐᒃᑐᐃᑦ ᐃᑳᕐᕕᒋᖃᑦᑕᖅᑕᖏᓐᓂᑦ.



# MITIGATION PLAN FOR WATERLINE

ᐊᖏᓗᐊᖏᒋᐊᖅᑎᑦᑎᓂᕐᒧᑦ ᐸᕐᓇᐅᑎ ᓱᐸᓗᓕᖕᒧᑦ

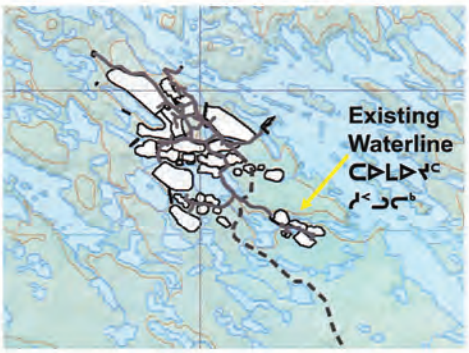
AGNICO EAGLE

**Western Science: Camera Study of the Existing Waterline**

Trail cameras have been placed along the existing fresh waterline where caribou cross every year.

**ᐱᖓᓐᓇᖓᓂᑦ ᓱᓇᑐᐃᓐᓇᓕᕆᓂᖅ: ᐊᔾᓕᐅᕈᑎᒃᑯᑦ ᖃᐅᔨᓴᐃᓂᖅ ᑕᐃᒪᐅᔪᒥᑦ ᓱᐸᓕᖏᑦ**

ᐃᓂᓂᑦ ᐊᔾᔨᓕᐅᕈᑏᑦ ᐃᓕᔭᐅᓯᒪᔪᑦ ᓱᐸᓗᓕᖏᑦ ᑐᒃᑐᐃᑦ ᐃᑳᕐᕕᒋᖃᑦᑕᖅᑕᖏᓐᓂᑦ

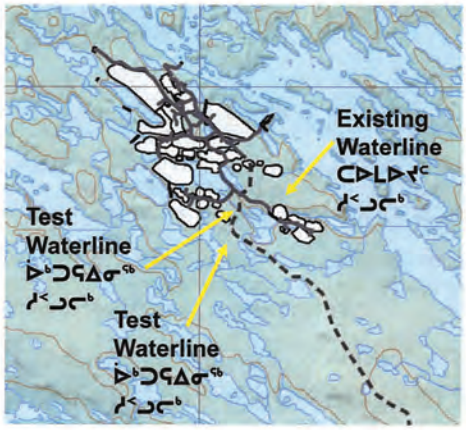


## MITIGATION PLAN FOR WATERLINE
ᐊᖏᓗᐊᖏᒋᐊᖅᑎᑦᑎᓂᕐᒧᑦ ᐸᕐᓇᐅᑎ ᓱᐸᓗᓕᖕᒧᑦ

AGNICO EAGLE

**Western Science: Camera Study on Test Waterlines**
Test waterlines have been installed with cameras on caribou trails near site to see if caribou will cross the waterlines.

**ᐱᖓᓐᓇᖓᓂᑦ ᓱᓇᑐᐃᓐᓇᓕᕆᓂᖅ: ᐊᔾᓕᐅᕈᑎᒃᑯᑦ ᖃᐅᔨᓴᐃᓂᖅ ᐆᒃᑐᕋᖅᑕᐅᔪᒥᑦ ᓱᐸᓗᓕᖕᓂᑦ**
ᐆᒃᑐᕋᖅᑕᐅᔪᑦ ᓱᐸᓗᓖᑦ ᐃᓕᔭᐅᓚᐅᖅᑐᑦ ᐊᔾᔨᓕᐅᕈᑎᖃᖅᓗᑎᒃ ᑐᒃᑐᐃᑦ ᐃᓂᖕᒋᓐᓂᑦ ᖃᓂᑕᖓᓂᑦ ᐅᔭᕋᒃᑕᕆᐊᑉ ᖃᐅᔨᔪᒪᑉᓗᑎᒃ ᑐᒃᑐᓂᒃ ᐃᑳᖅᑐᖃᖅᐸᑦ ᓱᐸᓗᓕᒃᑯᑦ.

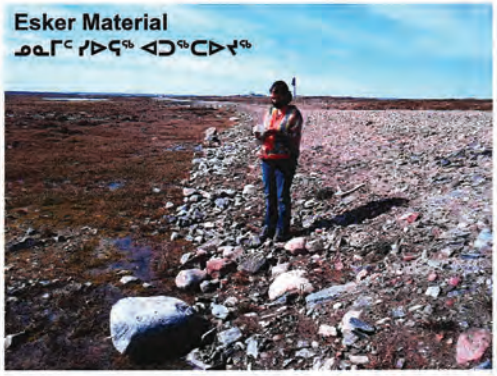


## MITIGATION PLAN FOR WATERLINE
ᐊᖏᓗᐊᖏᒋᐊᖅᑎᑦᑎᓂᕐᒧᑦ ᐸᕐᓇᐅᑎ ᓱᐸᓗᓕᖕᒧᑦ

AGNICO EAGLE

**Western Science: Road Material Study**
Agnico Eagle is studying whether the material used to construct the road affects whether caribou will cross the road. We will use the results of this study to design the waterline crossings.

**ᐱᖓᓐᓇᖓᓂᑦ ᓱᓇᑐᐃᓐᓇᓕᕆᓂᖅ: ᐊᐟᑯᑎᒧᑦ ᐊᑐᖅᑕᐅᔪᒥᒃ ᖃᐅᔨᓴᐃᓂᖅ**
ᐊᒃᓃᑯᒃᑯᑦ ᖃᐅᔨᓴᐃᔪᑦ ᐊᑐᖅᑕᐅᔪᑦ ᐊᐟᑯᑎᓕᐅᖅᓗᑎᒃ ᐊᒃᑐᖅᓯᓯᒪᖕᒪᖔᑕ ᑐᒃᑐᐃᑦ ᐃᑳᖃᑦᑕᕐᓂᖕᒋᓐᓄᑦ.
ᐊᑐᕐᓂᐊᖅᑕᕗᑦ ᖃᓄᐃᖓᓂᐅᔪᑦ ᖃᐅᔨᓴᐃᓂᕐᒥᑦ ᐱᔭᐅᔪᑦ ᖃᓄᐃᑦᑐᓂᐊᕐᓂᖓᓄᑦ ᓱᐸᓗᖕᒥᑦ ᐃᑳᕐᕕᑦ.



## MITIGATION PLAN FOR WATERLINE
## ᐊᖏᓗᐊᖏᒋᐊᖅᑎᑦᑎᓂᕐᒧᑦ ᐸᕐᓇᐅᑎ ᓱᐸᓗᓕᖕᒧᑦ

AGNICO EAGLE

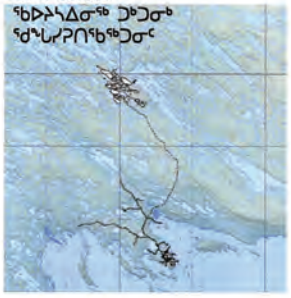
**Ongoing Monitoring After Construction**
ᖃᐅᔨᓴᐃᖏᓐᓇᕐᓂᖅ ᑭᖑᓂᐊᒍᑦ ᓴᓇᔭᐅᓯᒪᓕᖅᑎᓪᓗᒋᑦ

After potential construction of the waterline, Agnico Eagle will study how caribou cross the road.
ᓴᓇᔭᐅᓯᒪᓕᖅᑎᓪᓗᒍ ᓱᐸᓗᓕᒃ, ᐊᒃᓃᑯᒃᑯᑦ ᖃᐅᔨᓴᐃᓂᐊᖅᑐᑦ ᖃᓄᖅ ᑐᒃᑐᐃᑦ ᐃᑳᖃᑦᑕᕐᒪᖔᑕ ᐊᐸᕐᑯᑎᒥᑦ.

We will report the results of these studies to the HTOs.
ᖃᐅᔨᓴᐃᓂᕐᓂᑦ ᖃᓄᐃᖓᓂᐅᔪᑦ ᑐᓂᓂᐊᖅᑕᕗᑦ ᐆᒪᔪᓕᕆᔨᐊᓛᒃᑯᓐᓄᑦ.

**Site Visits for Elders**
ᐃᓂᐅᔪᓄᖕᒐᐅᖃᑦᑕᕐᓗᑎᒃ
ᐃᓐᓇᕆᔭᐅᔪᑦ

**Tracking Caribou with GPS collars**
ᖃᐅᔨᓴᐃᓂᖅ ᑐᒃᑐᓂᒃ
ᖁᖓᓯᕈᑎᖃᖅᑐᓂᑦ



**Camera Study**
ᐊᔾᔨᓕᐅᕈᑎᓂᒃ

**Road Monitoring Site + HTO program**
ᐊᐸᕐᑯᑎᒥᑦ ᖃᐅᔨᓴᐃᕝᕕᒃ
ᐊᒻᒪᓗ ᐆᒪᔪᓕᕆᔨᐊᓛᓄᑦ
ᑐᕋᖓᔪᖅ

## MITIGATION PLAN FOR WATERLINE

AGNICO EAGLE

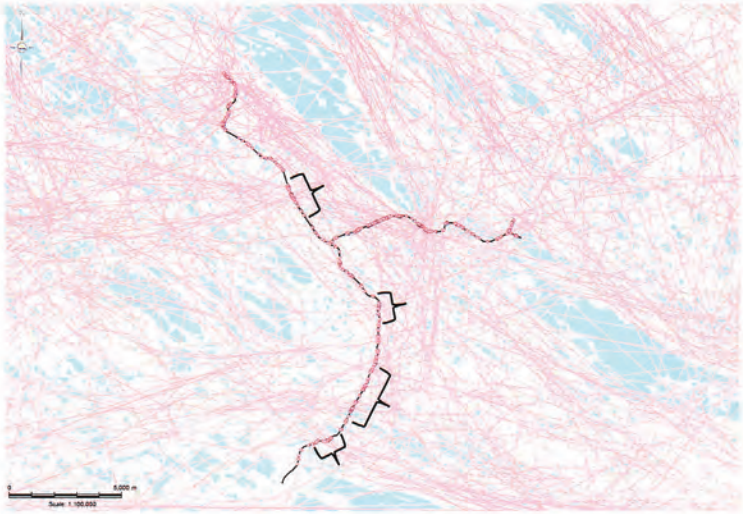
**Western Science**

**1. Collar study of the road**

Data from collars 2006, 2011-2019 used to identify locations where caribou have crossed the road.

LEGEND
- COLLARED CARIBOU PATH INTERACTION
- COLLARED CARIBOU PATH
- ALL-WEATHER ACCESS ROAD (AWAR)
- MINE FOOTPRINT
- WATERCOURSE
- WATERBODY

Concentration of crossings



# ᐊᖏᓗᐊᖏᒋᐊᖅᑎᑦᑎᓂᕐᒧᑦ ᐸᕐᓇᐅᑎ ᓱᐸᓗᓕᖕᒧᑦ

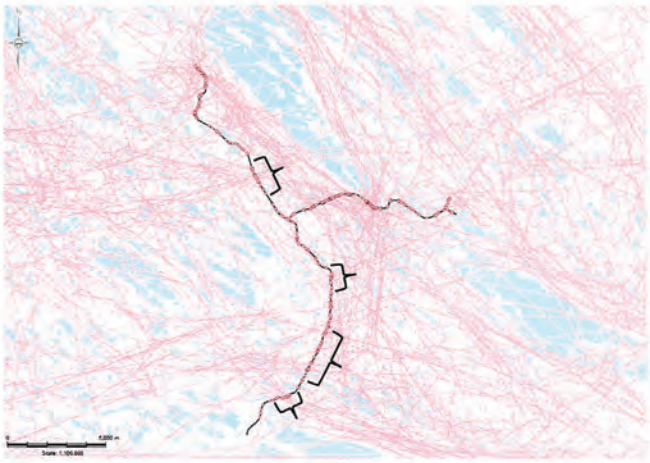
AGNICO EAGLE

## ᐱᖓᓐᓇᖓᓂᑦ ᓱᓇᑐᐃᓐᓇᓕᕆᓂᖅ
## 1. ᖁᖓᓯᕈᑎᓂᒃ ᖃᐅᔨᓴᐃᓂᖅ ᐊᐸᖁᑎᒥᑦ

ᓈᓴᐅᑏᑦ/ᑎᑎᖅᑲᐃᑦ ᖁᖓᓯᕈᑎᓂᑦ ᐱᔭᐅᔪᑦ
2006, 2011-2019-ᒥᑦ ᐊᑐᖅᑕᐅᔪᑦ
ᖃᐅᔨᓂᐊᕐᓗᑎᒃ ᐃᓂᐅᔪᓂᒃ ᑐᒃᑐᐃᑦ
ᐃᑳᕐᕕᒋᖃᑦᑕᖅᑕᖕᒋᑦ ᐊᐸᖁᑎᒃᑯᑦ.

LEGEND

- ᖁᖓᓯᕈᓯᖅᓯᒪᔪᑦ ᑐᒃᑐᐃᑦ ᐊᐸᖁᑎᖓᓪᓕᑦ ᑲᑎᖅᑲᑕᐅᑎᓃᑦ
- ᖁᖓᓯᕈᓯᖅᓯᒪᔪᑦ ᑐᒃᑐᐃᑦ ᐊᐸᖁᑎᖓᑦ
- ᖁᖓᓯᕈᓯᖅᓯᒪᔪᑦ ᑐᒃᑐᐃᑦ ᐅᑭᐅᓗᒃᑖᖅ ᐊᐸᖁᑎ (AWAR)
- ᐅᔭᖅᑕᕆᐊᖅ ᐋᖅᑭᐅᒪᓂᖓ
- ᐃᒪᐅᑉ ᓇᒧᖕᒐᐊᓂᖓ
- ᐃᒪᖅᑲᕕᒃ
- ᑲᑎᓯᒪᔪᑦ ᐃᑳᕐᕕᑦ



# APPENDIX
## ᑎᑎᖅᑲᒥᑦ ᐃᓚᐅᔪᖅ

# 2019 SALINE DIFFUSER DISCHARGE DATA
# 2019 ᑕᕆᐅᓕᒃ ᐃᒪᕐᒥᒃ ᓯᐊᒻᒪᒃᑎᑦᑎᔾᔪᑎᒧᑦ

AGNICO EAGLE

| | MDMER MAX GRAB | MDMER MAX MONTHLY MEAN | Unit | Annual Average | 7/17/19 | 7/22/19 | 8/1/19 | 8/3/19 | 8/5/19 | 8/12/19 | 8/19/19 | 8/26/19 | 9/2/19 | 9/9/19 | 9/26/19 | 10/1/19 | 10/7/19 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| pH | 6 - 9.5 | 6 - 9.5 | pH units | **7.50** | - | 8.35 | - | 7.82 | 7.69 | 7.69 | 8.00 | 7.32 | 7.14 | 7.44 | 7.28 | 6.46 | 7.29 |
| Total dissolved solids | | | mg/L | **20,145.45** | - | 24,400 | - | 22,000 | 20,000 | 22,600 | 32,000 | 17,800 | 19,500 | 15,300 | 12,800 | 16,900 | 18,300 |
| Total suspended solids | 30.00 | 15.00 | mg/L | **19.55** | - | 17.00 | - | 27.00 | 19.00 | 22.00 | **53.00** | 14.00 | 9.00 | 11.00 | 12.00 | 14.00 | 17.00 |
| Total ammonia | | | mg/L | **13.09** | - | 7.40 | - | 4.10 | 3.10 | 4.60 | 39.00 | 3.80 | 7.00 | 6.00 | 18.00 | 23.00 | 28.00 |

# 2019 ᑕᕆᐅᓕᖕᒥᑦ ᓯᐊᒻᒪᒃᑎᑦᑎᔾᔪᑎ ᑯᕕᓯᓂᕐᒧᑦ ᓈᓴᐅᑏᑦ/ᑎᑎᖅᑲᐃᑦ
# 2019 ᑕᕆᐅᓕᒃ ᐃᒪᕐᒥᒃ ᓯᐊᒻᒪᒃᑎᑦᑎᔾᔪᑎᒧᑦ

AGNICO EAGLE

| | MDMER ᐊᕐᒋᓛᔾᑯᑦ ᐱᔭᐅᔪᖅ | MDMER ᐊᕐᒋᓛᔾᑯᑦ ᑕᖅᑭᑕᒫᔾᑯᑦ ᒥᑭᓛᖅ | ᐊᕕᔾᓯᒪᓂᔾᒐ | ᐊᕐᓴᒍᑕᒫᖅ ᐊᒥᓯᑦ ᐊᑕᐅᓯᖅᒍᖅᓱᒍ ᓈᓴᐅᑎ | 7/17/19 | 7/22/19 | 8/1/19 | 8/3/19 | 8/5/19 | 8/12/19 | 8/19/19 | 8/26/19 | 9/2/19 | 9/9/19 | 9/26/19 | 10/1/19 | 10/7/19 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| pH | 6 - 9.5 | 6 - 9.5 | pH-ᒧᑦ ᐊᕕᔾᓯᒪᔪᑦ | **7.50** | - | 8.35 | - | 7.82 | 7.69 | 7.69 | 8.00 | 7.32 | 7.14 | 7.44 | 7.28 | 6.46 | 7.29 |
| ᑲᑎᖕᓱᒋᑦ ᓯᑎᔪᑦ ᓯᖃᔾᓕᑎᖅᓯᒪᔪᑦ | | | mg/L | **20,145.45** | - | 24,400 | - | 22,000 | 20,000 | 22,600 | 32,000 | 17,800 | 19,500 | 15,300 | 12,800 | 16,900 | 18,300 |
| ᑲᑎᖕᓱᒋᑦ ᑕᒫᓂᖅᓱᖅᑐᑦ ᓯᑎᔪᑦ | 30.00 | 15.00 | mg/L | **19.55** | - | 17.00 | - | 27.00 | 19.00 | 22.00 | **53.00** | 14.00 | 9.00 | 11.00 | 12.00 | 14.00 | 17.00 |
| ᑲᑎᖕᓱᒋᑦ ᐊᒧᓂᐊ | | | mg/L | **13.09** | - | 7.40 | - | 4.10 | 3.10 | 4.60 | 39.00 | 3.80 | 7.00 | 6.00 | 18.00 | 23.00 | 28.00 |

## WATERLINE PROJECT COMMITMENTS

AGNICO EAGLE

| | Agnico Eagle commitments waterline | Source of the commitment |
|---|---|---|
| 1) | Build crossing structures along the waterline | Section 8.1.2 – April 2020 FEIS Addendum (pages 59, 62) |
| 2) | Use Traditional Knowledge / IQ to identify areas for crossing structures<br>Elder representatives from the HTOs will be invited to site to inspect the All Weather Access Road (AWAR) and identify locations where caribou crossing should be installed. | Section 5.0 – April 2020 FEIS Addendum (page 28)<br>"Agnico Eagle commented that sessions will be organized with the local population and Elders to identify potential crossings to be constructed along the AWAR and bypass road to allow safe crossing of the waterline." |
| 3) | Use western science to identify areas for crossing structures<br>a) Collar study<br>b) Road observations<br>c) Camera study of the road<br>d) Camera study of existing waterline<br>e) Road material study | |



## ᐃᒪᕐᒧᑦ ᓱᐸᓗᓕᖓᒧᑦ ᐱᓕᕆᐊᕐᒧᑦ ᐱᓕᕆᐊᖓᓂᐊᖅᑐᑦ

AGNICO EAGLE

| | ᐊᒡᓃᑯᒃᑯᑦ ᐃᒪᕐᒧᑦ ᐱᓕᕆᐊᖓᓂᐊᖅᑐᑦ | ᐱᓕᕆᐊᖓᔪᖅ |
|---|---|---|
| 1) | ᐃᑳᕐᕕᓕᐅᕐᓗᑎᒃ ᓱᐸᓗᓕᒃᑯᑦ | ᐃᓚᒋᔭᐅᔪᖅ 8.1.2 - ᑎᕆᒡᓗᐃᑦ 2020 FEIS-ᒧᑦ ᐃᓚᓕᐅᑎᓱᒪᔪᖅ (ᒪᒃᐱᖅᑐᒐᐃᑦ 59, 62) |
| 2) | ᐊᑐᕐᓗᓂ ᐱᖅᑯᓱᒃᑯᑦ ᖃᐅᔨᒪᓂᕆᔭᐅᔪᓂᒃ / ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖃᖏᓐᓂᒃ ᖃᐅᔨᓂᐊᕐᓗᒋᑦ ᐃᑳᕐᕕᖃᕐᓂᐊᖅᑐᓂᒃ ᐃᓐᓇᕆᔭᐅᔪᓂᒃ ᑭᒡᒐᖅᑐᐃᔪᑦ ᐆᒪᔪᓕᕆᔨᐊᓛᒃᑯᓐᓂᑦ ᐅᔭᕋᒃᑕᕆᐊᕐᒧᐊᕐᑯᔭᐅᓂᐊᖅᑐᑦ ᖃᐅᔨᓴᕐᓂᐊᕐᓗᑎᒃ ᐅᑭᐅᓗᒃᑖᖅ ᐊᐸᕐᑯᑎᒥᑦ ᐊᒻᒪᓗ ᖃᐅᔨᑎᑦᑎᓗᑎᒃ ᑐᒃᑐᐃᑦ ᐃᑳᕐᕕᒋᖃᑦᑕᕐᓂᐊᖅᑕᖏᑦ ᐃᓕᔭᐅᓂᐊᕐᒪᖔᑕ. | ᐃᓚᒋᔭᐅᔪᖅ 5.0 – ᑎᕆᒡᓗᐃᑦ 2020 FEIS-ᒧᑦ ᐃᓚᓕᐅᑎᓱᒪᔪᖅ (ᒪᒃᐱᖅᑐᒐᖅ 28)<br>"ᐊᒡᓃᑯᒃᑯᑦ ᐅᖃᓚᐅᖅᑐᑦ ᑲᑎᒪᓃᑦ ᐋᖅᑭᒃᓱᖅᑕᐅᓂᐊᖅᑐ ᓄᓇᓕᖕᒥᐅᑦ ᐊᒻᒪᓗ ᐃᓐᓇᕆᔭᐅᔪᑦ ᐱᖃᑕᐅᓗᑎᒃ ᖃᐅᔨᓂᐊᕐᓗᑎᒃ ᐃᑳᖅᑕᕐᕕᓕᐊᖓᓂᐊᖅᑐᓂᒃ ᐅᑭᐅᓗᒃᑖᖅ ᐊᐸᕐᑯᑎᒥᑦ ᐊᒻᒪᓗ ᐊᐸᕐᑯᑎᒋᔭᐅᔪᒥᑦ ᐅᓗᕆᐊᓇᖅᑐᖃᖏᑦᑐᒃᑯᑦ ᐃᑳᕈᓐᓇᕐᓂᐊᕐᓗᑎᒃ ᓱᐸᓗᓕᒃᑯᑦ." |
| 3) | ᐊᑐᕐᓗᓂ ᐱᖓᓐᓇᖓᓂᑦ ᓱᓇᑐᐃᓐᓇᓕᕆᓂᕐᓂᒃ ᖃᐅᔨᓂᐊᕐᓗᓂ ᐃᑳᕐᕕᓕᐊᖓᓂᐊᖅᑐᓂᒃ<br>a) ᕐᑯᖓᓱᕈᑎᓂᒃ ᖃᐅᔨᓴᐃᓂᖅ<br>b) ᐊᐸᕐᑯᑎᒥᑦ ᖃᐅᔨᔭᐅᔪᑦ<br>c) ᐊᔾᔨᓕᐅᕈᑎᒃᑯᑦ ᖃᐅᔨᓴᐃᓂᖅ ᐊᐸᕐᑯᑎᒥᑦ<br>d) ᐊᔾᔨᓕᐅᕈᑎᒃᑯᑦ ᖃᐅᔨᓴᐃᓂᖅ ᑕᐃᒪᐅᔪᒥᑦ ᓱᐸᓗᓕᖕᒥᑦ<br>e) ᐊᐸᕐᑯᑎᒧᑦ ᐊᑐᖅᑕᐅᔪᓂᒃ ᖃᐅᔨᓴᐃᓂᖅ | |

## WATERLINE PROJECT COMMITMENTS

AGNICO EAGLE

| | Agnico Eagle commitments waterline | Source of the commitment |
|---|---|---|
| 4) | Have a long-term monitoring study that will inform adaptive management<br>a) Site Visits for Elders<br>b) Tracking Caribou with GPS collars<br>c) Camera study<br>d) Road monitoring site + HTO program | a) Section 8.1.2 – April 2020 FEIS Addendum (pages 62) In addition, through ongoing consultation Agnico Eagle will work with the Elders, Rankin Inlet HTO, and community to establish appropriate crossings along the AWAR and bypass road for sled use.<br>d) Section 8.1.2 – April 2020 FEIS Addendum (pages 62) Monitoring will be completed along the AWAR to validate crossing locations and will adapt with input from the HTO and others. |
| 5) | Tool-free number for the community members to report problem along the waterline | Community feedback from March consultations : dedicated phone number to report leak |
| 6) | Leakage detection system on the waterline to be incorporated | Community feedback from March consultations : monitoring in case there are leaks |
| 7) | In the area of Apache Pass the waterlines will be routed on the East side of the rock outcrop | Community feedback from March consultations : routing of the line around Apache Pass |



## ᐃᒪᕐᒧᑦ ᓱᐸᓗᓕᖕᒧᑦ ᐱᓕᕆᐊᕐᒧᑦ ᐱᓕᕆᐊᖑᓂᐊᖅᑐᑦ

AGNICO EAGLE

| | ᐊᒃᓃᑯᒃᑯᑦ ᐃᒪᕐᒧᑦ ᐱᓕᕆᐊᖑᓂᐊᖅᑐᑦ | ᐱᓕᕆᐊᖑᔪᖅ |
|---|---|---|
| 4) | ᐊᑯᓂᐅᔪᒥᒃ ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᖃᐅᔨᓴᐃᓗᓂ ᐃᑲᔪᕐᓂᐊᖅᑐᒥᒃ ᐊᑐᓕᖅᑎᕐᑎᓂᕐᒧᑦ ᐊᐅᓚᕐᑎᓂᕐᒥᒃ<br>a) ᐃᓂᐅᔪᓄᖕᒐᐅᖃᑦᑕᕐᓗᑎᒃ ᐃᓐᓇᕆᔭᐅᔪᑦ<br>b) ᖃᐅᔨᓴᐃᓂᖅ ᑐᒃᑐᓂᒃ ᖁᖕᒐᓯᕈᑎᓕᖕᓂᑦ<br>c) ᐊᔾᔨᓕᐅᕈᑎᓂᒃ<br>d) ᐊᑉᖁᑎᒥᑦ ᖃᐅᔨᓴᐃᕝᕕᒃ ᐊᒻᒪᓗ ᐆᒪᔪᓕᕆᔨᐊᑦᓄᑦ ᑐᕌᖕᒐᔪᖅ | a) a) ᐃᓚᒋᔭᐅᔪᖅ 8.1.2 - ᑎᕆᒡᓗᐃᑦ 2020 FEIS-ᒧᑦ ᐃᓚᓕᐅᑎᓯᒪᔪᖅ (ᒪᒃᐱᖅᑐᒐᖅ 62)<br>ᐃᓚᐅᓂᐊᖅᑐᖅ, ᐅᖃᖃᑎᖃᖃᑦᑕᕐᓂᒃᑯᑦ ᐊᒡᓃᑯᒃᑯᑦ ᐱᓕᕆᖃᑎᖃᕐᓂᐊᖅᑐᑦ ᐃᓐᓇᕆᔭᐅᔪᓂᒃ, ᑲᖏᖅᑕᓂᕐᒥᑦ ᐆᒪᔪᓕᕆᔨᐊᓛᒃᑯᓐᓂᑦ, ᐊᒻᒪᓗ ᓄᓇᓕᖕᒥᑦ ᐋᖅᑭᒃᓯᓂᐊᕐᓗᑎᒃ ᐃᑳᖅᑕᕐᕕᖕᓂᑦ ᐅᑭᐅᓗᒃᑖᖅ ᐊᑉᖁᑎᒃᑯᑦ ᐊᒻᒪᓗ ᐊᑉᖁᑎᒋᔭᐅᔪᒃᑯᑦ ᓱᑭᑑᓄᑦ.<br>d) ᐃᓚᒋᔭᐅᔪᖅ 8.1.2 ᑎᕆᒡᓗᐃᑦ 2020 FEIS-ᒧᑦ ᐃᓚᓕᐅᑎᓯᒪᔪᖅ (ᒪᒃᐱᖅᑐᒐᖅ 62)<br>ᖃᐅᔨᓴᐃᓂᖅ ᐱᐊᓂᖕᓂᐊᖅᑐᖅ ᐅᑭᐅᓗᒃᑖᖅ ᐊᑉᖁᑎᒥᑦ ᓇᓗᓇᐃᕐᓂᐊᕐᓗᒋᑦ ᐃᑳᖅᑕᕐᕖᑦ ᐃᓂᒋᓂᐊᖅᑕᖕᒋᑦ ᐊᒻᒪᓗ ᐊᑐᖅᑕᐅᓗᑎᒃ ᐱᔭᐅᔪᑦ ᐆᒪᔪᓕᕆᔨᐊᓛᒃᑯᓐᓂᑦ ᐊᓯᖕᒋᓐᓂᑦᓗ. |
| 5) | ᐊᑭᖃᖕᒋᑦᑐᖅ ᐅᖃᓗᑎᑕᖃᕐᓂᐊᖅᑐᖅ ᓱᐸᓗᓕᖕᒥᑦ ᓈᒻᒪᖕᒋᑦᑐᓂᒃ ᓄᓇᓕᖕᒥᐅᑦ ᖃᐅᔨᒃᐸᑕ ᐅᖃᓗᒍᖕᓇᕐᓂᐊᕐᓗᑎᒃ | ᓄᓇᓕᖕᒥᐅᑦ ᐅᖃᐅᓯᕆᔭᖕᒋᑦ ᓇᕐᑎᐊᑦᒥᑦ ᐅᖃᖃᑎᖃᖅᑎᑦᓗᒋᑦ: ᑕᒪᑐᒧᖕᒐ ᐅᖃᓗᑎᑕᖃᕐᓗᓂ ᑯᕕᔪᖃᖅᐸᑦ ᖃᐅᔨᑎᑦᑎᓂᐊᕐᓗᑎᒃ |
| 6) | ᑯᕕᔪᒥᒃ ᖃᐅᔨᔾᔪᑎ ᓱᐸᓗᓕᖕᒥᑦ ᐃᓚᓕᐅᑎᔭᐅᔪᖕᓇᖅᑐᖅ | ᓄᓇᓕᖕᒥᐅᑦ ᐅᖃᐅᓯᕆᔭᖕᒋᑦ ᓇᕐᑎᐊᑦᒥᑦ ᐅᖃᖃᑎᖃᖅᑎᑦᓗᒋᑦ: ᖃᐅᔨᓴᐃᖃᑦᑕᕐᓗᓂ ᑯᕕᔪᖃᖅᒪᖕᒐᑦ |
| 7) | ᐃᖃᓗᒐᕐᔪᓕᐊᖅᓗᓂ ᖁᑦᑎᖕᓂᕐᒥᑦ ᓱᐸᓗᓕᒃ ᐅᔭᖅᑲᐃᑦ ᑲᓇᖕᓇᖕᒐᓃᓐᓂᐊᖅᑐᖅ | ᓄᓇᓕᖕᒥᐅᑦ ᐅᖃᐅᓯᕆᔭᖕᒋᑦ ᓇᕐᑎᐊᑦᒥᑦ ᐅᖃᖃᑎᖃᖅᑎᑦᓗᒋᑦ: ᓇᐅᒃᑰᕐᓂᐊᕐᓂᖕᒐ ᓱᐸᓗᓕᒃ ᐃᖃᓗᒐᕐᔪᓕᐊᖅᓗᓂ ᖁᑦᑎᖕᓂᕐᒥᑦ |

## WATERLINE PROJECT COMMITMENTS

AGNICO EAGLE

| | Agnico Eagle commitments waterline | Source of the commitment |
|---|---|---|
| 8) | Markers will be paced on the waterline for winter ID | Community feedback from March consultations : visibility of the waterline in the winter |
| 9) | The caribou crossings, 70 in total, (x metres wide by x metres long) will be built with sand and gravel from the eskers. The crossings will be located over the twin waterlines only. | Community feedback from March consultations : Agnico Eagle should build caribou crossings using material that animals will be able to walk over |

## ᐃᒪᕐᒧᑦ ᓱᐸᓗᓕᖕᒧᑦ ᐱᓕᕆᐊᕐᒧᑦ ᐱᓕᕆᐊᖑᓂᐊᖅᑐᑦ

| | ᐊᒡᓃᑯᒃᑯᑦ ᐃᒪᕐᒧᑦ ᐱᓕᕆᐊᖑᓂᐊᖅᑐᑦ | ᐱᓕᕆᐊᖑᔪᖅ |
|---|---|---|
| 8) | ᓇᓗᓇᐃᒃᑯᑕᐃᑦ ᐅᖓᓯᒋᒡᓗᑎᒃ ᓱᐸᓗᓕᖕᒥᓐᓂᐊᖅᑐᑦ ᐅᑭᐅᖑᑎᑦᓗᒍ | ᓄᓇᓕᖕᒥᐅᑦ ᐅᖃᐅᓯᕆᔭᖕᒋᑦ ᓇᑦᑎᐊᑦᒥᑦ ᐅᖃᖃᑎᖃᖅᑎᑦᓗᒋᑦ: ᑕᑯᒃᓴᐅᓂᖓ ᓱᐸᓗᓕᒃ ᐅᑭᐅᖑᑎᑦᓗᒍ |
| 9) | ᑐᒃᑐᐃᑦ ᐃᑳᕐᕕᖕᒋᑦ, 70-ᖑᓂᐊᖅᑐᑦ, (x ᒦᑕᐃᑦ ᓱᓕᖕᓂᖕᒐ x ᒦᑕᐃᑦ ᑕᑭᓂᖕᒐ) ᓱᐅᕋᖅᑕᖅᑕᐅᔪᑦ ᐃᓕᔭᐅᓂᐊᖅᑐᑦ. ᐃᑳᕐᕕᑦ ᒪᕐᕉᒃ ᐃᒪᕐᒧᑦ ᓱᐸᓗᓕᖕᒥᓐᓂᐊᖅᑐᑦ. | ᓄᓇᓕᖕᒥᐅᑦ ᐅᖃᐅᓯᕆᔭᖕᒋᑦ ᓇᑦᑎᐊᑦᒥᑦ ᐅᖃᖃᑎᖃᖅᑎᑦᓗᒋᑦ: ᐊᒡᓃᑯᒃᑯᑦ ᑐᒃᑐᓄᑦ ᐃᑳᕐᕕᓕᐅᕋᔭᖅᑐᑦ ᐊᑐᕐᓗᑎᒃ ᓂᕐᔪᑏᑦ ᐱᓱᒡᕕᒋᓂᖅ ᐊᔪᓐᒋᓐᓂᐊᖅᑕᖕᒋᓐᓂᒃ |