

# ᐃᑦᑲᐱᐃᑦ ᓄᑦᑲᑦᑲᑦᑲᑦ ᑲᑦᑲᑦᑲᑦ IQALUIT NUKKIKSAUTIIT PROJECT

ᐱᑦᑲᑦᑲᑦᑲᑦ ᑦᑲᓄᐃᑦᑲᑦᑲᑦ +  
ᐃᐃᑦᑲᑦᑲᑦ ᐱᑦᑲᑦᑲᑦᑲᑦ ᐃᐃᑦᑲᑦᑲᑦᑲᑦ ᐃᑦᑲᑦᑲᑦᑲᑦᑲᑦᑲᑦᑲᑦᑲᑦ

Project Background +  
Summer Field Plan Co-Development

ᐱᐃ 2025  
May 2025



ᓄᑦᑲᑦᑲᑦᑲᑦᑲᑦ ᐃᐃᑦᑲᑦᑲᑦᑲᑦ  
Nunavut Nukkiqsaujiit Corporation



# ΔᖃᓗΔᑦ ᓄᓅᖃᓗᓂᑦ ᖃᓗᓗᓂᓗᓂ

## IQALUIT NUKKIKSAUTIIT PROJECT



**ᓅᓗ:** ᓄᓗᑦ ᓗᓗᓗᓂᓗᓂᖃᓗᓂᓗᓂ ᖃᓗᓗᓂᓗᓂ

**ᖃᓄᓗᓗᓂ:** ᓄᓗᓂᓗᓗᓂ ΔᖃᓗΔᑦ ᓗᓗᓗᓂᓗᓂᓗᓂᓗᓂ, ᓄᓗᓗᓂᓗᓂ ᓗᓗᓗᓂᓗᓂᓗᓂᓗᓂ

**ᖃᓄᓗᓗᓂ:** Δᓗᓗᓂ ᓗᓗᓗᓂᓗᓂᓗᓂ ᓄᓗᓗᓂᓗᓂᓗᓂᓗᓂ

(ᓂᓗ ᓗᓗᓗᓂᓗᓂᓗᓂᓗᓂ ᓗᓗ ᖃᓄᓗᓗᓂᓗᓂᓗᓂᓗᓂ)

ᓗᓗᓗᓂᓗᓂᓗᓂᓗᓂᓗᓂ ᓗᓗᓗᓂᓗᓂᓗᓂᓗᓂᓗᓂᓗᓂ

Δᓗᓗᓂᓗᓂᓗᓂᓗᓂ)

- **What:** A renewable power project
- **Why:** To move Iqaluit towards clean, renewable power
- **How:** Water power plant as the main renewable power source (diesel plant remains as back-up and emergency power source)

ፍጹም ልዩ ልዩ ርዕሰ ጉዳይ

## WHY WE ARE HERE TODAY

- ለጥራት ማረጋገጫ ፍጹም ልዩ ልዩ
  - ለጥራት ማረጋገጫ ፍጹም ልዩ ልዩ ርዕሰ ጉዳይ ጋራ ማረጋገጥ
  - ለጥራት ማረጋገጫ ፍጹም ልዩ ልዩ ርዕሰ ጉዳይ 2025-ገ ለጥራት ማረጋገጫ ፍጹም ልዩ ልዩ ርዕሰ ጉዳይ ለጥራት ማረጋገጫ ፍጹም ልዩ ልዩ ርዕሰ ጉዳይ
- Project Background
  - Provide project update
  - Share requirements of the 2025 field season and codevelop field season plan

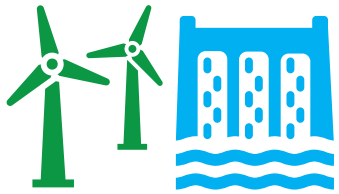


# የታችኛው ስኬት ማጠቃለያ ስራ?

## WHAT IS THE FUTURE STATE?

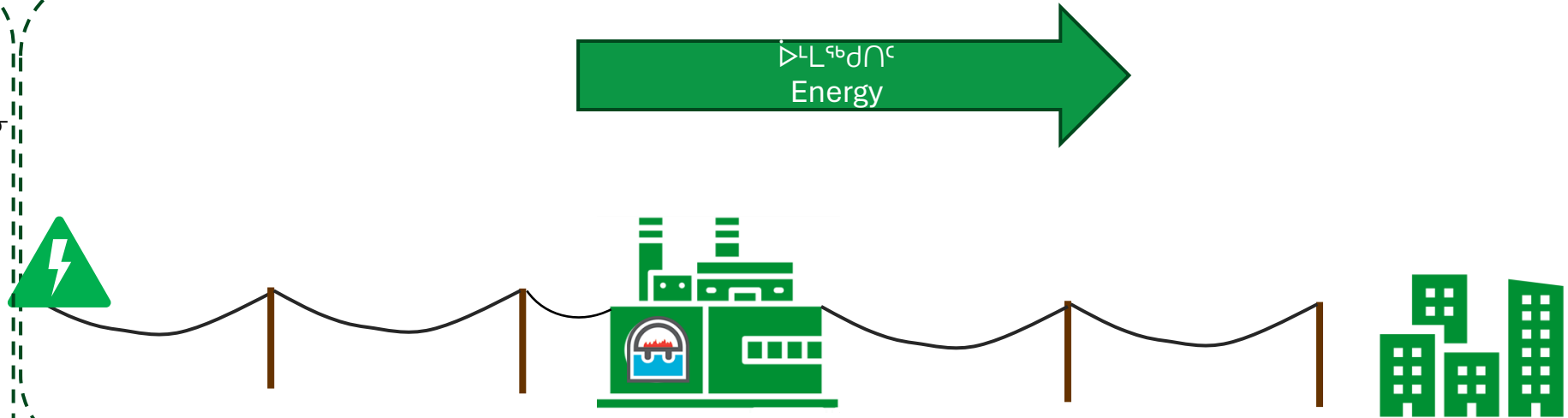
### ወጪ ስራ

- ከግብርና ጋር ጋር ማጠቃለያ ስራ
- ከግብርና ጋር ጋር ማጠቃለያ ስራ
- ስራ ለማጠቃለያ ስራ
- ስራ ለማጠቃለያ ስራ



### Local Renewables

- Sell power to QEC
- Local facility operations
- No imports required







ᐱᐱᐱᐱ ᐱᐱᐱᐱ ᐱᐱᐱᐱ?

WHY DOES THIS MATTER?



ᐱᐱᐱᐱ ᐱᐱᐱᐱ  
FUTURE GENERATIONS



ᐱᐱᐱᐱ ᐱᐱᐱᐱ  
ENVIRONMENT

# ᐃᖃᓗᐃᑦ ᓄᐅᐅᖅᓗᓂᑦ ᖃᓄᓗᓂᑦ ᓗᑦᓂᑦᑕᓴᑦᑕ

## IQALUIT NUKKIKSAUTIIT PROJECT GOALS



### ᐃᓂᑦᑕᓴᑦᑕ

- ᐃᓂᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ ᓄᓴᑦᑕᓴᑦᑕ ᓗᓂᑦ ᓗᓂᑦ ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ
- ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ
- ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ
- ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ



### Social

- Enable Inuit ownership of energy assets
- Encourage local economic growth and job creation
- Enhance Nunavut’s energy sovereignty and security
- Improved public health

### ᐃᓂᑦᑕᓴᑦᑕ

- ᐃᓂᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ
- ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ
- ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ



### Environmental

- Reduce Nunavut’s dependency on diesel
- Minimize carbon emissions
- Improved environmental quality

### ᓄᓴᑦᑕᓴᑦᑕ

- ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ
- ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ
- ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ ᓄᓴᑦᑕᓴᑦᑕ ᓄᐅᐃᑦ



### Economic

- Keep money within Nunavut
- Lower energy costs in Nunavut (controlled by GN)
- Lower or no government subsidies for imported fossil fuels







# ᐃᑭᑦᑎᐱᑦᑎᐱᑦ ᐃᑭᑦᑎᐱᑦᑎᐱᑦ ᐃᑭᑦᑎᐱᑦᑎᐱᑦ

## DATA COLLECTION PHASE

ᐱᑦᑎᐱᑦ ᐃᑭᑦᑎᐱᑦᑎᐱᑦ ᐃᑭᑦᑎᐱᑦᑎᐱᑦ ᐃᑭᑦᑎᐱᑦᑎᐱᑦ  
ᐃᑭᑦᑎᐱᑦᑎᐱᑦ ᐃᑭᑦᑎᐱᑦᑎᐱᑦ ᐃᑭᑦᑎᐱᑦᑎᐱᑦ ᐃᑭᑦᑎᐱᑦᑎᐱᑦ  
ᐃᑭᑦᑎᐱᑦᑎᐱᑦ ᐃᑭᑦᑎᐱᑦᑎᐱᑦ ᐃᑭᑦᑎᐱᑦᑎᐱᑦ ᐃᑭᑦᑎᐱᑦᑎᐱᑦ  
ᐃᑭᑦᑎᐱᑦᑎᐱᑦ ᐃᑭᑦᑎᐱᑦᑎᐱᑦ ᐃᑭᑦᑎᐱᑦᑎᐱᑦ ᐃᑭᑦᑎᐱᑦᑎᐱᑦ

- ᐃᑭᑦᑎᐱᑦᑎᐱᑦ
- ᐃᑭ
- ᐃᑭ
- ᐃᑭᑦᑎᐱᑦᑎᐱᑦ
- ᐃᑭᑦᑎᐱᑦᑎᐱᑦ

The purpose of the field season is to gather as much information as possible about the current, and potential future state, of the:

- Human environment
- Terrestrial environment (land)
- Freshwater environment (river)
- Atmospheric environment (air)
- Marine environment (ocean)







# ᐃᐅᕐᕈᕐ ᐃᓐᕈᐅᕐ ᐃᓐᕈᕐ ᐃᓐᕈᕐ ᐃᓐᕈᕐ ᐃᓐᕈᕐ ᐃᓐᕈᕐ ᐃᓐᕈᕐ SUMMER FIELD SEASON ACTIVITIES

ᐃᓐᕈᕐ ᐃᓐᕈᕐ ᐃᓐᕈᕐ ᐃᓐᕈᕐ 2025-ᓐ ᐃᓐᕈᕐ ᐃᓐᕈᕐ:

1. ᐃᓐᕈᕐ ᐃᓐᕈᕐ ᐃᓐᕈᕐ ᐃᓐᕈᕐ
2. ᐃᓐᕈᕐ ᐃᓐᕈᕐ ᐃᓐᕈᕐ ᐃᓐᕈᕐ
3. ᐃᓐᕈᕐ ᐃᓐᕈᕐ ᐃᓐᕈᕐ ᐃᓐᕈᕐ

**The main activities for 2025 include:**

1. Environmental Baseline Studies
2. Archaeological Assessment
3. Community Engagement







# 1. ᐃᑲᑎᐩ ᐃᓄᓂᐱᓄᑦᑦ ᑭᑲᐅᐱᑦ

## 1. ENVIRONMENTAL BASELINE STUDIES

### ᑭᑲᐅᐱᑦ ᐃᑲᑎᐩ ᐃᓄᓂᐱᓄᑦᑦ A: ᐃᑲᑎᐩ (ᐃᑲᓄᑦᑦ ᐃᑲᑎᐩ)

- ᐃᑲᑎᐩᑎᐱᑦᑎᑦ 40-ᐃᑲᑎᐩ ᐃᑲᑎᐩᑎᐱᑦᑎᑦ ᐃᑲᑎᐩᑎᐱᑦᑎᑦ:
  1. ᐃᑲᑎᐩᑎᐱᑦᑎᑦ ᐃᑲᑎᐩᑎᐱᑦᑎᑦ
  2. ᐃᑲᑎᐩ ᑲᐃᑎᐱᑦᑎᑦ ᐃᑲᑎᐩ ᐃᑲᑎᐩᑎᐱᑦᑎᑦ
  3. ᐃᑲᑎᐩᑎᐱᑦᑎᑦ ᐃᑲᑎᐩᑎᐱᑦᑎᑦ ᐃᑲᑎᐩᑎᐱᑦᑎᑦ
- ᐃᑲᑎᐩᑎᐱᑦᑎᑦ ᐃᑲᑎᐩᑎᐱᑦᑎᑦ ᐃᑲᑎᐩᑎᐱᑦᑎᑦ ᐃᑲᑎᐩᑎᐱᑦᑎᑦ ᐃᑲᑎᐩᑎᐱᑦᑎᑦ ᐃᑲᑎᐩᑎᐱᑦᑎᑦ (ᐃᑲᑎᐩᑎᐱᑦᑎᑦ ᐃᑲᑎᐩᑎᐱᑦᑎᑦ ᐃᑲᑎᐩᑎᐱᑦᑎᑦ, ᐃᑲᑎᐩᑎᐱᑦᑎᑦ, ᐃᑲᑎᐩᑎᐱᑦᑎᑦ)
- ᐃᑲᑎᐩᑎᐱᑦᑎᑦ ᐃᑲᑎᐩᑎᐱᑦᑎᑦ ᐃᑲᑎᐩᑎᐱᑦᑎᑦ ᐃᑲᑎᐩᑎᐱᑦᑎᑦ ᐃᑲᑎᐩᑎᐱᑦᑎᑦ

### PRIORITY FOCUS A: CARIBOU (and other wildlife)

- Environmental scientists will deploy 40 wildlife cameras:
  1. Surrounding the primary proposed reservoir
  2. Buffered area surrounding the access road options
  3. Area of the potential wind turbines
- The cameras will capture motion-triggered images and time-lapse photos (which also allows analysis of spring melt, snow depth, etc)
- Habitat assessment at each camera location





















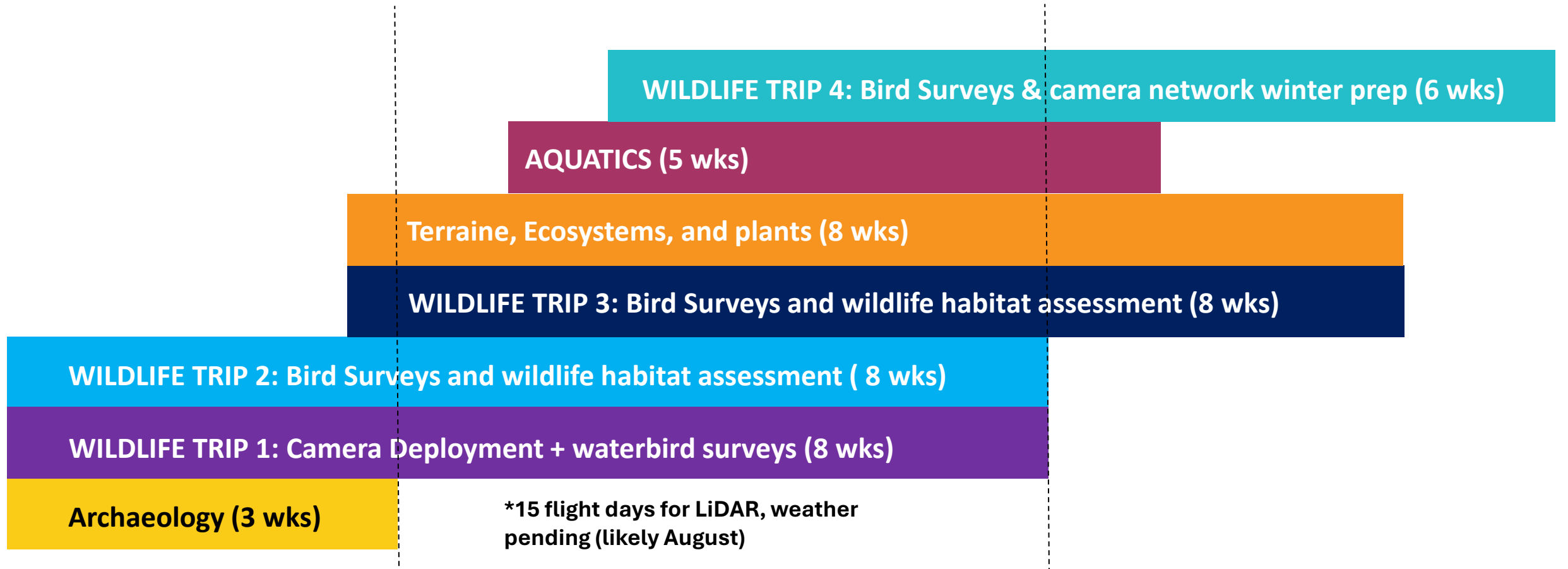








# PROPOSED FIELDWORK TIMELINE



Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
July 8 – 14	July 15 – 21	July 22 – 28	July 29 – Aug 4	Aug 5 – 11	Aug 12 – 18	Aug 19 – 25	Aug 26 – Sep 1	Sep 2 – 8	Sep 9 – 15	Sep 16 – 22	Sep 23 – 29

**JULY**

**AUGUST**

**SEPTEMBER**



ᑦᑭᑦᑲᑦᑲᑦ

**THANK YOU**



ᑭᑦᑲᑦᑲᑦᑲᑦ ᑭᑦᑲᑦᑲᑦᑲᑦ ᑭᑦᑲᑦᑲᑦᑲᑦ

Nunavut Nukkiksautiit Corporation



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



[NNC@QCORP.CA](mailto:NNC@QCORP.CA)



(867) 979-8400