



**City of Iqaluit**  
**Engineering and Public Works Committee of the Whole #01**  
**City Council Chamber**  
**February 21, 2022 at 6:00 p.m.**

**ADOPTION OF AGENDA**

**1. MINUTES**

None.

**2. DECLARATION OF INTEREST.**

**3. DELEGATIONS.**

- a) Landfill and Waste Transfer Station Presentation  
Keith Barnes, Associate - Dillon Consulting Limited  
Erik Marko, Principal - Colliers Project Leaders
  
- b) Iqaluit Affordable Housing Presentation  
Amy Elgersma, Chief Administrative Officer (Introduction) – City of Iqaluit  
Clarence Synard, President & CEO – (Presenter) - NCC Investment Group

**4. DEFERRED BUSINESS AND TABLED ITEMS.**

None

**5. NEW BUSINESS.**

None

**6. IN CAMERA SESSION.**

( ) As per Section 22 (2) (a) CTV Act and Bylaw 526 Section 67. - None

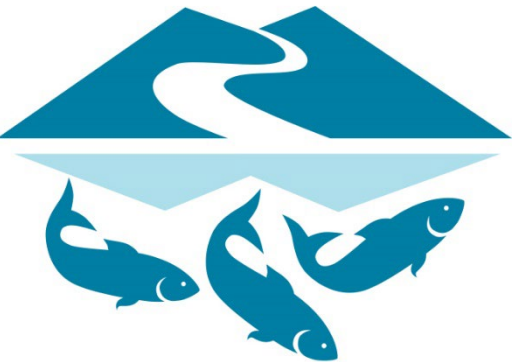
**7. ADJOURNMENT.**

**Next Engineering and Public Works Committee of the Whole Meeting #02 - May 5, 2022**

# Landfill and Waste Transfer Station /

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ᐱᑦᑕᑦᑕᑦ ᐱᑦᑕᑦᑕᑦ ᐱᑦᑕᑦᑕᑦ  
ᐱᑦᑕᑦᑕᑦ ᐱᑦᑕᑦᑕᑦ

ᐱᑦᑕᑦᑕᑦ



Iqaluit

February 2022

ᐱᑦᑕᑦᑕᑦ 2022

# Agenda / ᖃᖅᓂᖅᓂᕐᓴᓐ

- Background and Project Need
  - Project Status
  - Schedule
  - Recommendations and Next Steps
  - Summary
- ᖃᖅᓂᖅᓂᕐᓴᓐ ᖃᖅᓂᖅᓂᕐᓴᓐ ᓂᕐᓴᓐᓴᓐ
  - ᖃᖅᓂᖅᓂᕐᓴᓐ ᖃᖅᓂᖅᓂᕐᓴᓐ
  - ᖃᖅᓂᖅᓂᕐᓴᓐ ᓂᕐᓴᓐᓴᓐ
  - ᖃᖅᓂᖅᓂᕐᓴᓐ ᖃᖅᓂᖅᓂᕐᓴᓐ
  - ᖃᖅᓂᖅᓂᕐᓴᓐ ᖃᖅᓂᖅᓂᕐᓴᓐ





## Background and Project Need /

ፍጹሙ ለጥንታዊ ልማት ስራዎች ለማድረግ የሚያስፈልገውን ጥሬ ጥቅም ለማረጋገጥ

West 40 Landfill (2010)/

ጥሬ ጥቅም ለማረጋገጥ (2010)

# Background and Project Need / ᖃᓄᐃᓕᓄᓐᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ

- Existing West 40 Landfill has been operating since 1994 and is approaching its capacity
- Current facility no longer meets the needs of the City and its residents, and does not align with the City’s Waste Management Vision or Goals<sup>1</sup>
- Residents want a more sustainable waste management system with less litter focused on waste diversion such as reuse and recycling<sup>1</sup>

- ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ 1994ᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ
- ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ
- ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ

<sup>1</sup>ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ ᓂᓐᓂᓐ

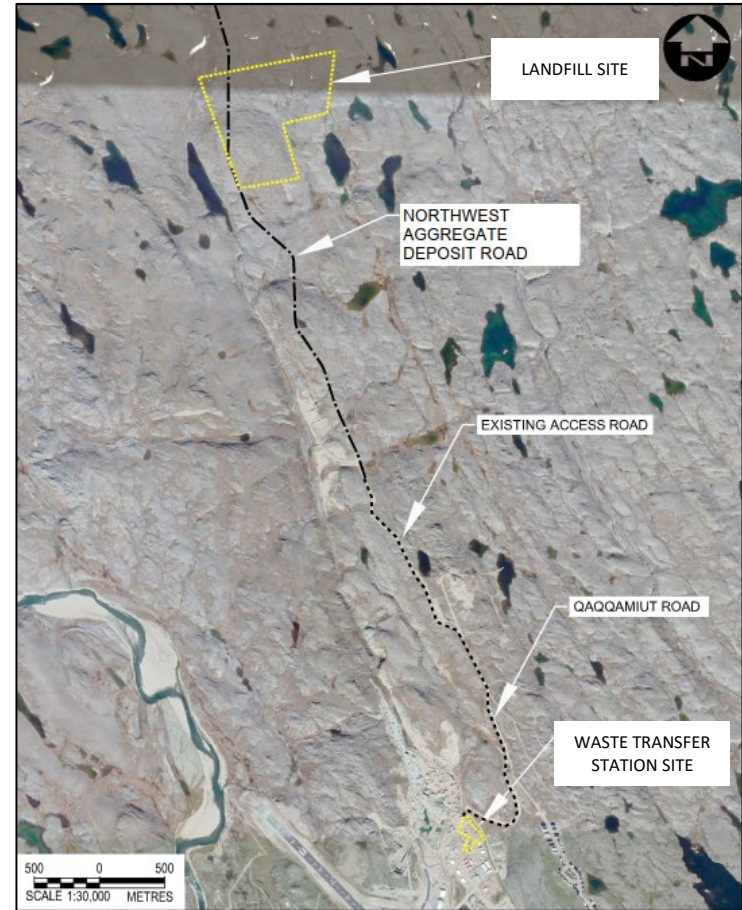
<sup>1</sup>City of Iqaluit.. Solid Waste Management Plan. Iqaluit.





# Project Status / ᐱᓇᓴᓗᓂᐱᓐᓂᐱᓐ ᐱᓇᓴᓗᓂᐱᓐ ᐱᓇᓴᓗᓂᐱᓐ

- Landfill and Waste Transfer Station Locations
- ᐱᓇᓴᓗᓂᐱᓐ ᐱᓇᓴᓗᓂᐱᓐ ᐱᓇᓴᓗᓂᐱᓐ ᐱᓇᓴᓗᓂᐱᓐ  
ᐱᓇᓴᓗᓂᐱᓐ



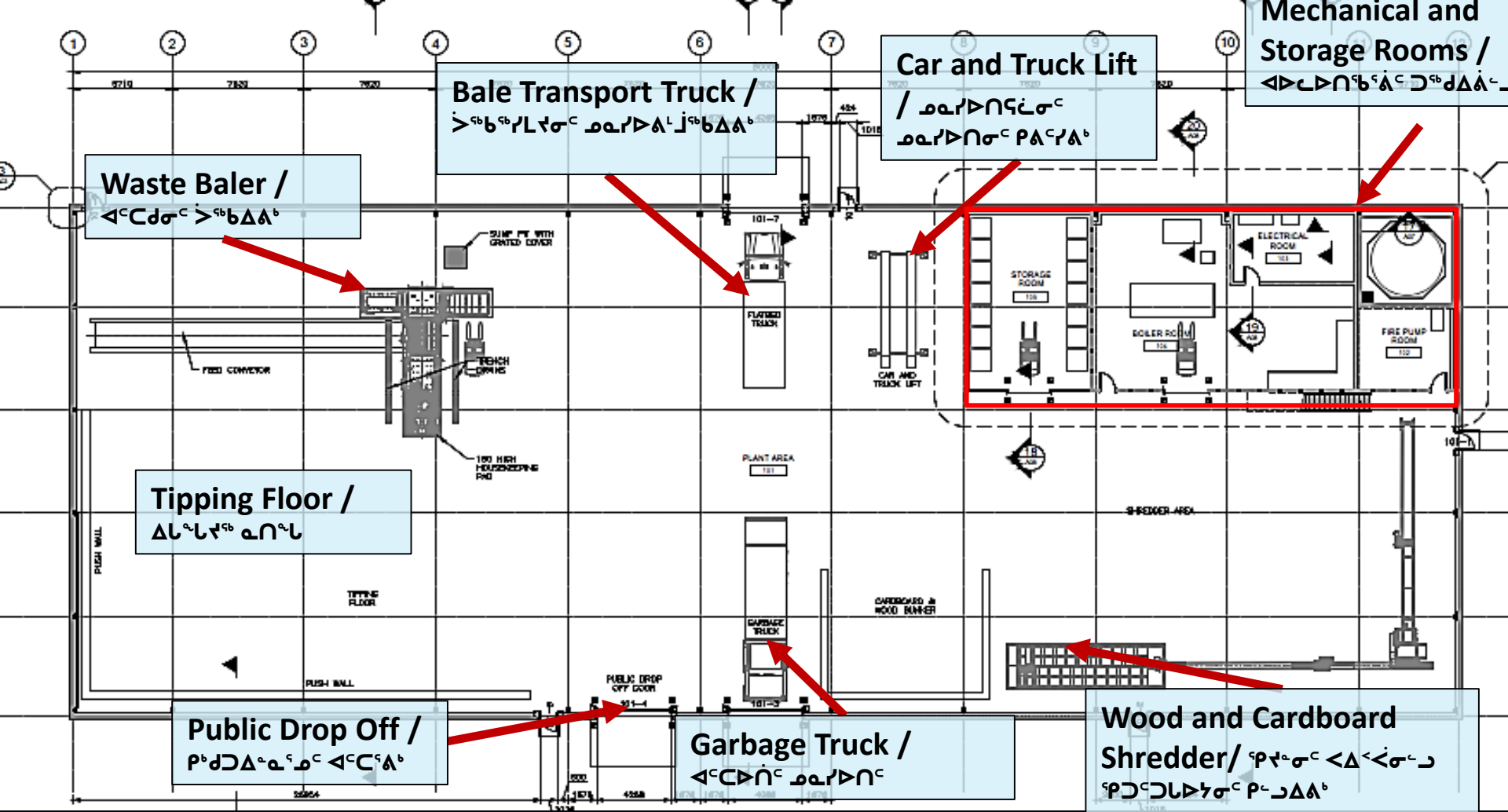




# Project Status/ ካይትታሪ ስራ ለማጠናቀቅ ያስፈልጋል

Waste Transfer Station Location/  
የድርጅቱ ስራ ለማጠናቀቅ ያስፈልጋል





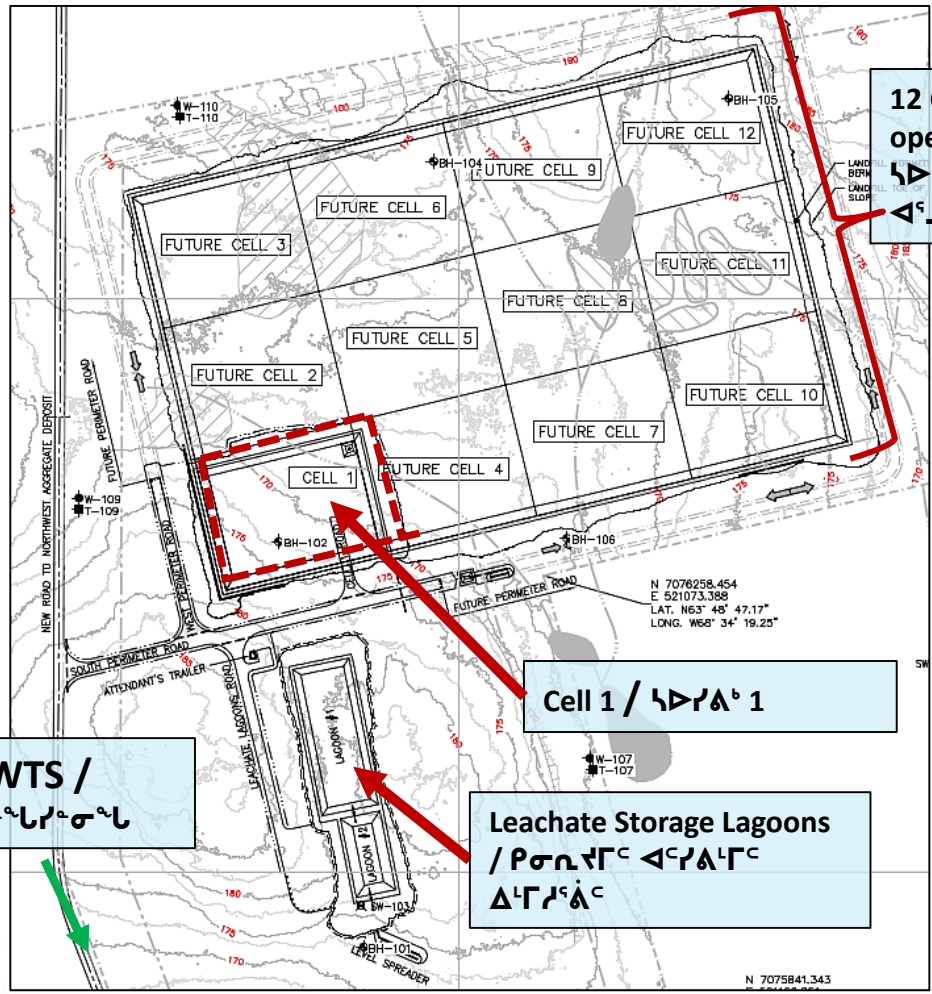
# Project Status /

ካይት ስፔሻል ስፔሻል ስፔሻል ስፔሻል ስፔሻል ስፔሻል

Waste Transfer Station/

አርሻ ማሳጠሪያ ስፍራ ስፔሻል ስፔሻል ስፔሻል

# Landfill Project Status / ᐃᑦᐅᐃᑦ ᑦᐃᐃᐅᑦ ᐱᑦᑎᐅᑦᑎᑦ



12 Cells providing ~75 year  
operating life / 12 ᐃᑦᐅᐃᑦ  
ᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅ  
ᐃᑦᐅᐃᑦ

- Cells will be designed and built as required over the life of the facility

- ᐃᑦᐅᐃᑦ ᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅ ᐃᑦᐅᐃᑦ ᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅ ᐃᑦᐅᐃᑦ ᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅ ᐃᑦᐅᐃᑦ

6 km to WTS /  
ᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅ

Cell 1 / ᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅ

Leachate Storage Lagoons  
/ ᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅᐅ ᐃᑦᐅᐃᑦ



# Project Status / ካዲኒት ስፔሻላይዥን ስራ ለመጀመሪያ ለማድረግ ደረጃ

- 100% Tender package for complete project is ready to be issued (single package)
- Tender package has been reviewed by
  - City of Iqaluit (2019, 2021)
  - Nunavut Water Board
  - EXP Services
  - Colliers
  - Environment and Climate Change Canada (Yellowknife)
  - Crown-Indigenous Relations and Northern Affairs Canada
- No additional comments anticipated
- Access Road construction complete to Landfill entrance(2021)
- ርዕሰ ነገረ ሰጠ ለሥራ ለማድረግ ደረጃ ለመስጠት ደብዳቤ (ከግዴታ ለማድረግ)
- ለሥራ ለማድረግ ደረጃ የሚያስፈልጉትን የገንዘብ ደብዳቤ (2019,2021)
  - ሙያ ልሳን ስራ ክፍያ
  - EXP ለተገቢ ስራ
  - ደንብ
  - ለደብዳቤ ለማድረግ ደረጃ ለመስጠት ደብዳቤ (ከግዴታ ለማድረግ)
  - የሥራ ለማድረግ ደረጃ ለመስጠት ደብዳቤ
- የሥራ ለማድረግ ደረጃ ለመስጠት ደብዳቤ ለማድረግ ደረጃ ለመስጠት ደብዳቤ (2021)

# Waste Transfer Station Project Schedule /

## ᐱᕐᕕᕋᕐᕕ ᐱᕐᕕᕋᕐᕕ ᐱᕐᕕᕋᕐᕕ ᐱᕐᕕᕋᕐᕕ ᐱᕐᕕᕋᕐᕕ

### Timeline

### ᕐᕕᕋᕐᕕ

Phase	Timing	ᐱᕐᕕᕋᕐᕕ	ᐱᕐᕕᕋᕐᕕ
Tender of WTS	Apr 2022	ᐱᕐᕕᕋᕐᕕ ᐱᕐᕕᕋᕐᕕ ᐱᕐᕕᕋᕐᕕ ᐱᕐᕕᕋᕐᕕ	ᐱᕐᕕᕋᕐᕕ 2022
Award of Tender	May 2022	ᐱᕐᕕᕋᕐᕕ ᐱᕐᕕᕋᕐᕕ ᐱᕐᕕᕋᕐᕕ	ᐱᕐᕕᕋᕐᕕ 2022
Contractor Mobilization to WTS	Jul 2022	ᐱᕐᕕᕋᕐᕕ ᐱᕐᕕᕋᕐᕕ ᐱᕐᕕᕋᕐᕕ	ᐱᕐᕕᕋᕐᕕ 2022
WTS site preparation (shop drawings, site grading)	Jul-Sep 2022	ᐱᕐᕕᕋᕐᕕ ᐱᕐᕕᕋᕐᕕ ᐱᕐᕕᕋᕐᕕ (ᐱᕐᕕᕋᕐᕕ ᐱᕐᕕᕋᕐᕕ, ᐱᕐᕕᕋᕐᕕ)	ᐱᕐᕕᕋᕐᕕ-ᐱᕐᕕᕋᕐᕕ 2022
WTS Building Erection, excavations, exterior and outbuildings (manufacturing, excavations, thermo-siphon, etc)	2023/2024	ᐱᕐᕕᕋᕐᕕ ᐱᕐᕕᕋᕐᕕ ᐱᕐᕕᕋᕐᕕ, ᐱᕐᕕᕋᕐᕕ, ᐱᕐᕕᕋᕐᕕ ᐱᕐᕕᕋᕐᕕ (ᐱᕐᕕᕋᕐᕕ, ᐱᕐᕕᕋᕐᕕ, ᐱᕐᕕᕋᕐᕕ ᐱᕐᕕᕋᕐᕕ)	2023/2024
WTS Equipment installation/commissioning, operations begin	Sep 2025	ᐱᕐᕕᕋᕐᕕ ᐱᕐᕕᕋᕐᕕ ᐱᕐᕕᕋᕐᕕ ᐱᕐᕕᕋᕐᕕ ᐱᕐᕕᕋᕐᕕ ᐱᕐᕕᕋᕐᕕ	ᐱᕐᕕᕋᕐᕕ 2025



# Landfill Project Schedule / ᐱᑦᑕᑦᑕᑦ ᐱᑦᑕᑦᑕᑦ ᐱᑦᑕᑦᑕᑦ ᐱᑦᑕᑦᑕᑦ

## Timeline (Current)

Phase	Timing
Tender of Landfill Cell 1	Apr 2022
Tender Award	May 2022
Contractor Mobilization to Cell 1	Jul 2022
Cell 1 site preparation, roads, Cell 1 shaping	Jul-Sep 2022
Cell 1 and Lagoon Liners	Jun-Sep 2023
Cell 1 Operational	Sep 2024

## ᐱᑦᑕᑦᑕᑦ ᐱᑦᑕᑦᑕᑦ (ᐱᑦᑕᑦ)

ᐱᑦᑕᑦᑕᑦ	ᐱᑦᑕᑦᑕᑦ ᐱᑦᑕᑦᑕᑦ
ᐱᑦᑕᑦᑕᑦ ᐱᑦᑕᑦᑕᑦ ᐱᑦᑕᑦᑕᑦ ᐱᑦᑕᑦᑕᑦ 1	ᐱᑦᑕᑦᑕᑦ 2022
ᐱᑦᑕᑦᑕᑦ ᐱᑦᑕᑦᑕᑦ ᐱᑦᑕᑦᑕᑦ ᐱᑦᑕᑦᑕᑦ	ᐱᑦᑕᑦᑕᑦ 2022
ᐱᑦᑕᑦᑕᑦ ᐱᑦᑕᑦᑕᑦ ᐱᑦᑕᑦᑕᑦ ᐱᑦᑕᑦᑕᑦ 1-ᐱᑦᑕᑦ	ᐱᑦᑕᑦᑕᑦ 2022
ᐱᑦᑕᑦᑕᑦ 1 ᐱᑦᑕᑦᑕᑦ ᐱᑦᑕᑦᑕᑦ, ᐱᑦᑕᑦᑕᑦ, ᐱᑦᑕᑦᑕᑦ 1 ᐱᑦᑕᑦᑕᑦᐱᑦᑕᑦᑕᑦ	ᐱᑦᑕᑦᑕᑦ-ᐱᑦᑕᑦᑕᑦ 2022
ᐱᑦᑕᑦᑕᑦ 1 ᐱᑦᑕᑦᑕᑦ ᐱᑦᑕᑦᑕᑦ ᐱᑦᑕᑦᑕᑦᑕᑦ	ᐱᑦᑕᑦᑕᑦ-ᐱᑦᑕᑦᑕᑦ 2023
ᐱᑦᑕᑦᑕᑦ 1 ᐱᑦᑕᑦᑕᑦ ᐱᑦᑕᑦᑕᑦ	ᐱᑦᑕᑦᑕᑦ 2024



# Additional Property /

ᐱᐱᐱᐱᐱᐱᐱᐱ ᐱᐱᐱᐱᐱᐱᐱᐱ

Available land for additional storage or other options /

ᐱᐱᐱᐱᐱᐱᐱᐱᐱᐱ ᐱᐱᐱᐱᐱᐱᐱᐱᐱᐱᐱᐱ ᐱᐱᐱᐱᐱᐱᐱᐱᐱᐱᐱᐱ ᐱᐱᐱᐱᐱᐱᐱᐱᐱᐱᐱᐱ















Thank You / ᖃᓂᓴᓐᓇᓴᓐ

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# 18-Plex Affordable Housing Partnership

## Joamie Court, Iqaluit

18-σ<sup>ᔭ</sup> <P><A><sup>ᔭ</sup>σ<sup>ᔭ</sup> Δ<A>ᔭ<sup>ᔭ</sup>  
ᔭ<sup>ᔭ</sup> Δ<A>σ<A>ᔭ<sup>ᔭ</sup> ᔭ<sup>ᔭ</sup>σᔭ<sup>ᔭ</sup>σ, Δ<sup>ᔭ</sup>ᔭΔ<sup>ᔭ</sup>

Sunrise





# Key Features \ ᐱᕐᑐᐸᐸᕐᕐᕐ

- 15,000 square feet of affordable housing space.
  - Eighteen units with six two-bedroom units and twelve one-bedroom units.
  - Four units on the main floor to be barrier-free.
  - Barrier-free bathrooms and kitchens to meet or exceed CSA requirements.
  - Separate front and rear access to each unit.
  - Maintenance-free exterior finishes.
- 15,000-ᕐᕐ ᐸᐸᐸᕐᕐ ᐸᕐᕐᕐ ᐸᕐᕐᕐ ᐸᕐᕐᕐ ᐸᕐᕐᕐ ᐸᕐᕐᕐ ᐸᕐᕐᕐ ᐸᕐᕐᕐ ᐸᕐᕐᕐ.
  - 18-ᕐᕐ ᐸᕐᕐᕐᕐᕐ. ᐱᕐᕐᕐᕐᕐᕐᕐᕐᕐ ᐸᕐᕐᕐᕐᕐᕐᕐ ᐸᕐᕐᕐᕐᕐᕐᕐᕐᕐ ᐸᕐᕐᕐᕐ 12-ᕐᕐ ᐸᐸᐸᕐᕐᕐ ᐸᕐᕐᕐᕐᕐᕐᕐ.
  - ᕐᐸᐸᕐᕐ ᐸᕐᕐᕐ ᕐᕐᕐᕐᕐᕐᕐᕐᕐ ᐸᕐᕐᕐᕐᕐᕐᕐᕐᕐ ᐸᕐᕐᕐᕐᕐᕐᕐᕐᕐ ᐸᕐᕐᕐᕐᕐᕐᕐ.
  - ᐱᕐᕐᕐᕐᕐᕐᕐ ᕐᕐᕐᕐᕐᕐ ᐸᕐᕐᕐᕐᕐᕐᕐ ᐸᕐᕐᕐᕐᕐ ᐸᕐᕐᕐᕐᕐᕐᕐ.
  - ᐸᕐᕐᕐᕐᕐᕐᕐ ᐸᕐᕐᕐᕐᕐᕐ.
  - ᕐᕐᕐᕐᕐᕐᕐᕐᕐᕐ ᐸᕐᕐᕐᕐᕐᕐᕐ ᕐᕐᕐᕐᕐᕐᕐᕐᕐ.







