# REMEDIATION technologies ymposium 2009

#### CLEANING-UP DEW LINE SITES IN NUNAVUT: THE INUIT PERSPECTIVE AT CAM-F

Kailapi Alorut, Jean-Pierre Pelletier and Michel Pouliot







# CLEANING-UP DEW LINE SITES IN NUNAVUT: The Inuit Perspective at CAM-F (Kinguraq)

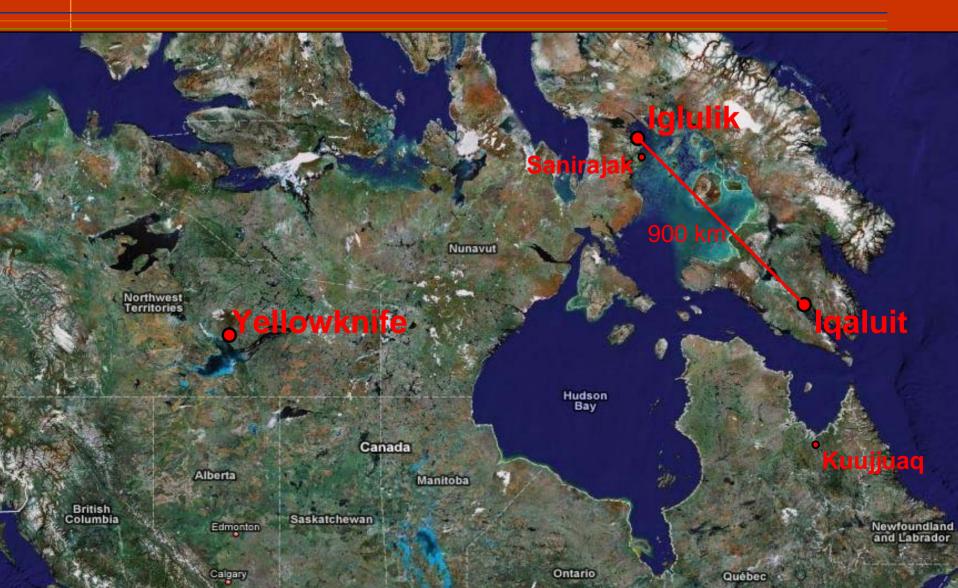
- Location of Iglulik (Igloolik)
- Presentation of Iglulik and Sanirajaq (Hall Beach)
- Use of the Kinguraq area
- CAM-F Cleanup Project Summary
  - Mobilization to the Site
  - On-Site Activities
- Project Local Requirements
  - Regional Pressure
  - Inuit Content
  - Local Benefits







#### **Site Location and History**



### Iglulik (or Igloolik)

- Igloolik means "there is an igloo here"
- First Settlement: 4,000 years
- Roman Catholic Mission and RCMP detachment in the 1930s





- Over 1,500 people
- Igloolik Isuma Productions Inc.
- Artcirq

#### Sanirajak (or Hall Beach)

- Sanirajak, means "one that is along the coast"
- Created with the DEW Line Radar System





- Hall Beach is NWS site
- Population is approximately 600 people

#### **Site Location and History**



- CAM-F is one of the 13 DEW Line Radar Stations located within the Qikiqtaaluk Region of Nunavut
- One of the 4 landlocked Stations (FOX-3, FOX-B and CAM-D are the other three)

## Location of Kingurak (Sarcpa Lake)



# **Use of the Kingurak Area**



# **CAM-F Cleanup: Before and After**

Pictures: UMA/AECOM



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# **Mobilization: Sealift and CAT-Train Route**



#### Total CAT-Train Distance: Hall Beach – CAM-F: 125 km

# **The Construction Camp**



#### **Debris Collection**



# **Barrel Management**



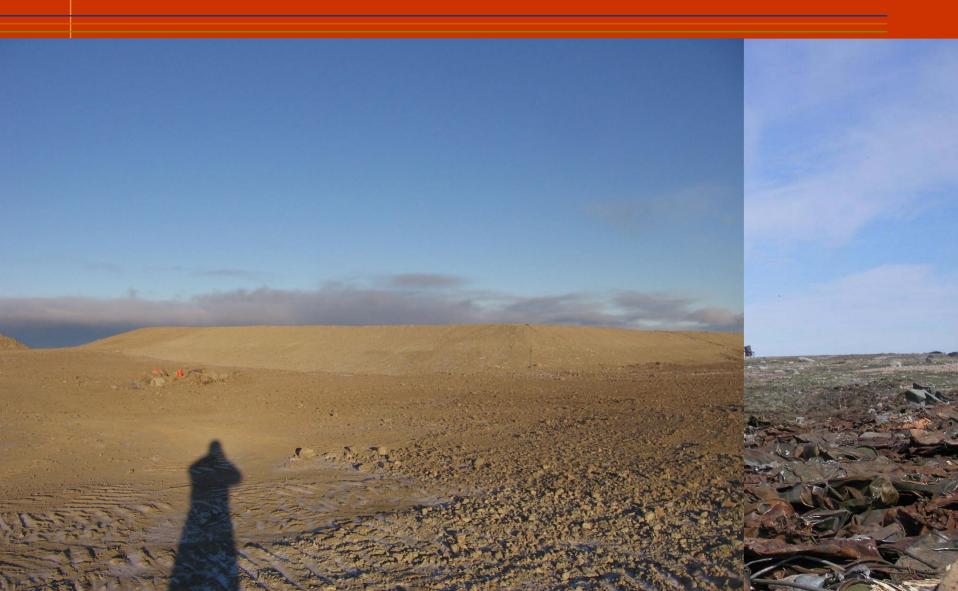
#### **Debris in and around Sarcpa Lake**



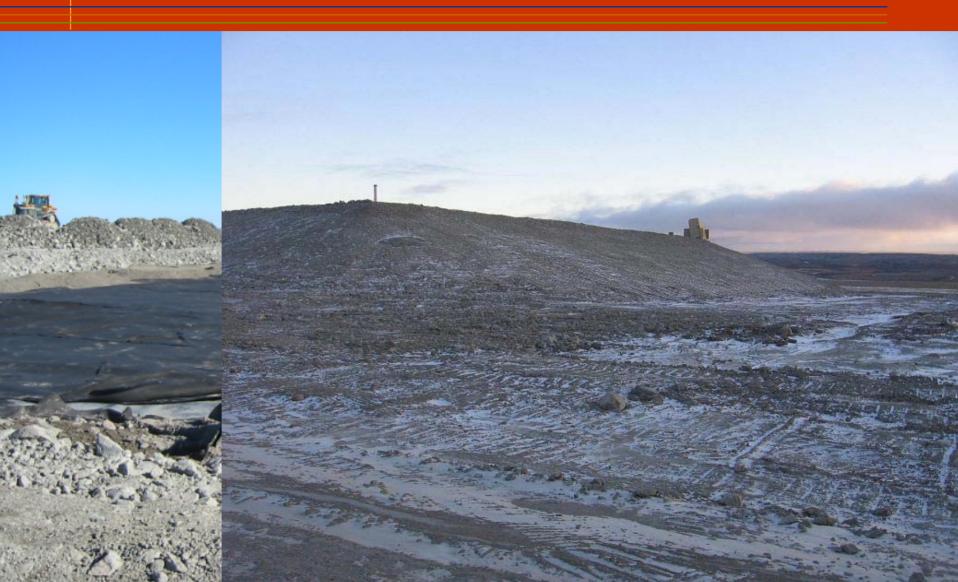
# **Building Demolition**



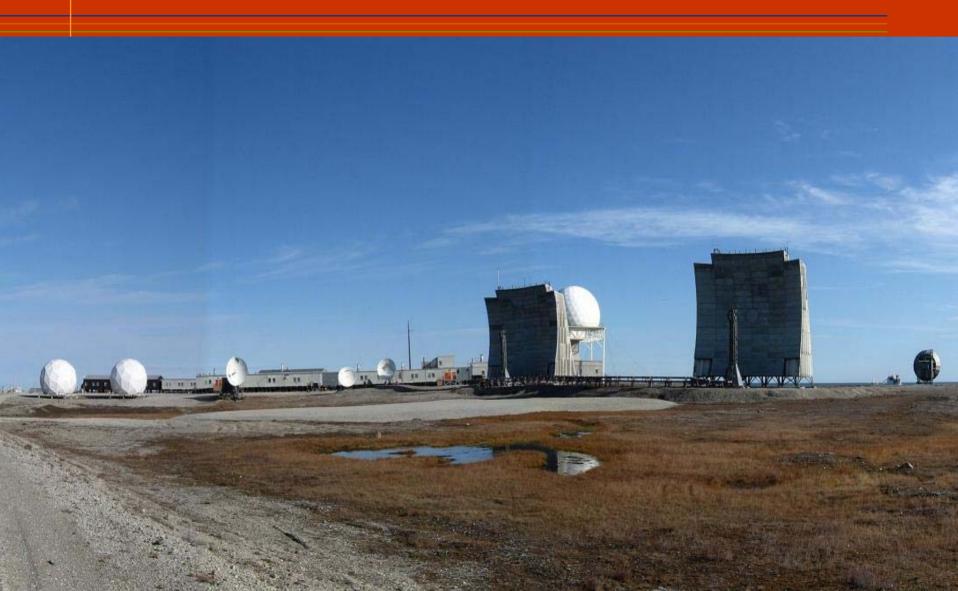
#### **Non-Hazardous Waste Landfill**



# **Secured Soil Disposal Facility**



# Local Challenges: Work Opportunities (2006 – 2007)



#### **Meeting the Target: Local Benefits**

- Higher wages not the solution
- Started from bottom
- Employment:
  - 110 workers from Hall Beach and Igloolik
- Training Provided:
  - Workplace Hazardous Material Information System
  - Inuit Supervisor course
  - HAZWOPER
  - Transportation of Dangerous Goods
  - Heavy Equipment Operation and Maintenance
  - Standard First Aid and CPR
  - Camp Cooking
- Contracts:
  - 2/3 of the project cost injected in Northern Economy

# Aknowledgement



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