



Indigenous and
Northern Affairs Canada

Affaires autochtones
et du Nord Canada

FOX-D Kivitoo Remediation Project

2016 Annual Report

Land Use Permit No. N2016U0001

- a) A summary of activities undertaken for the year
- Mobilization of equipment, materials, and supplies to site via sealift
 - Temporary camp setup and winterization
 - Upgraded access roads
 - Setup fuel storage area
 - Conducted test pitting to further delineate contaminated soil
 - Airstrip maintenance
- b) A map showing the following items with exact coordinates (degrees/min/sec, in NAD 83)
- All drilling locations
 - All fuel caches
 - Any other location where activities were conducted

Description	GPS Coordinates	
	Latitude	Longitude
Camp	67°56'5.75"N	64°54'14.81"W
Airstrip	67°56'1.22"N	64°52'0.43"W
Fuel Cache	67°56'5.20"N	64°54'20.60"W
Drilling location	n/a	n/a

See map provided in Appendix A.

- c) A work plan for the following year, including any progressive reclamation work undertaken
- Construction of the landfarm
 - Excavation of Tier I and Type A PHC contaminated soil
 - Excavation of Type B PHC contaminated soil and initiation of treatment
 - Completion of demolition activities and hazardous materials abatement
 - Demobilization of debris, hazardous materials, and soils bagged to date via NEAS sealift
 - Community consultation meeting in Qikiqtarjuaq

The information provided below is in addition to that required by the Land Use Permit:

- a) A summary of local hires, contracting opportunities, and initiatives
- The contract for the remediation of FOX-D Kivitoos was awarded to Englobe Corp. and guarantees an Inuit employment level of 75% for on-site work and that 85% of the sub-contracting dollars will be spent with Inuit owned businesses. The primary sub-contractor working on the project is Sila Remediation, an Inuit owned business based in Igloolik. The employment and subcontracting statistics are presented below:

Category	Metric	Value
Total employment	Number	44
	(person-hr)	6,007
Northern employment (includes Aboriginal)	Number	16
	(person-hr)	2,276
Aboriginal employment	Number	16
	(person-hr)	2,276
Total suppliers & sub-contractors	Number	33
	Value (\$)	2,083,710
Northern suppliers (includes Aboriginal)	Number	11
	Value (\$)	1,468,267
Aboriginal suppliers	Number	7
	Value (\$)	1,461,119

- b) A summary of flight altitudes, frequency of flights and flight routes
No flights to site were conducted in 2016. Personnel travelled to site by boat from Qikiqtarjuaq. Nunavut Experience Outfitting (NEO) based in Qikiqtarjuaq provided the boat service. The crew was at the FOX-D Kivitoos site from September 11-25, 2016.
- c) Details regarding marine vessels used for barge transportation and their travel routes
Mobilization of equipment, materials, and supplies to site was completed via sealift by NEAS cargo ship. A barge was used to shuttle equipment and supplies to the beach landing area. The camp, heavy equipment, and remediation supplies were mobilized from Valleyfield, Quebec.
- d) Site photos
Site photos are provided in Appendix B.
- e) A summary of community consultations undertaken
A pre-construction community consultation meeting was conducted on August 30, 2016 in Qikiqtarjuaq. See Appendix C for the presentation provided and record of Questions and Comments.
- f) A log of instances in which community residents occupy or transit through the project area
There were no instances in which community members visited the site while work was conducted at FOX-D Kivitoos from September 11-25, 2016.
- g) A summary of how the Proponent has complied with conditions contained within the Screening Decision, and all conditions as required by other authorizations associated with the project proposal.

The FOX-D Kivitoo Remediation Project has maintained compliance with all applicable terms and conditions of Land Use Permit No. N2016U0001. The project has also obtained and complied with all other pertinent licences and permits including:

- Nunavut Water Board Water Licence 1BR-KIV1621
- Qikiqtani Inuit Association Land Use Exemption Certificate Q16X015
- Quarry Permit 2016QP0006

A summary of compliance with all project Terms and Conditions will be provided at the completion of the project.

APPENDIX A:
FOX-D Kivitoo Remediation Project
Site Maps

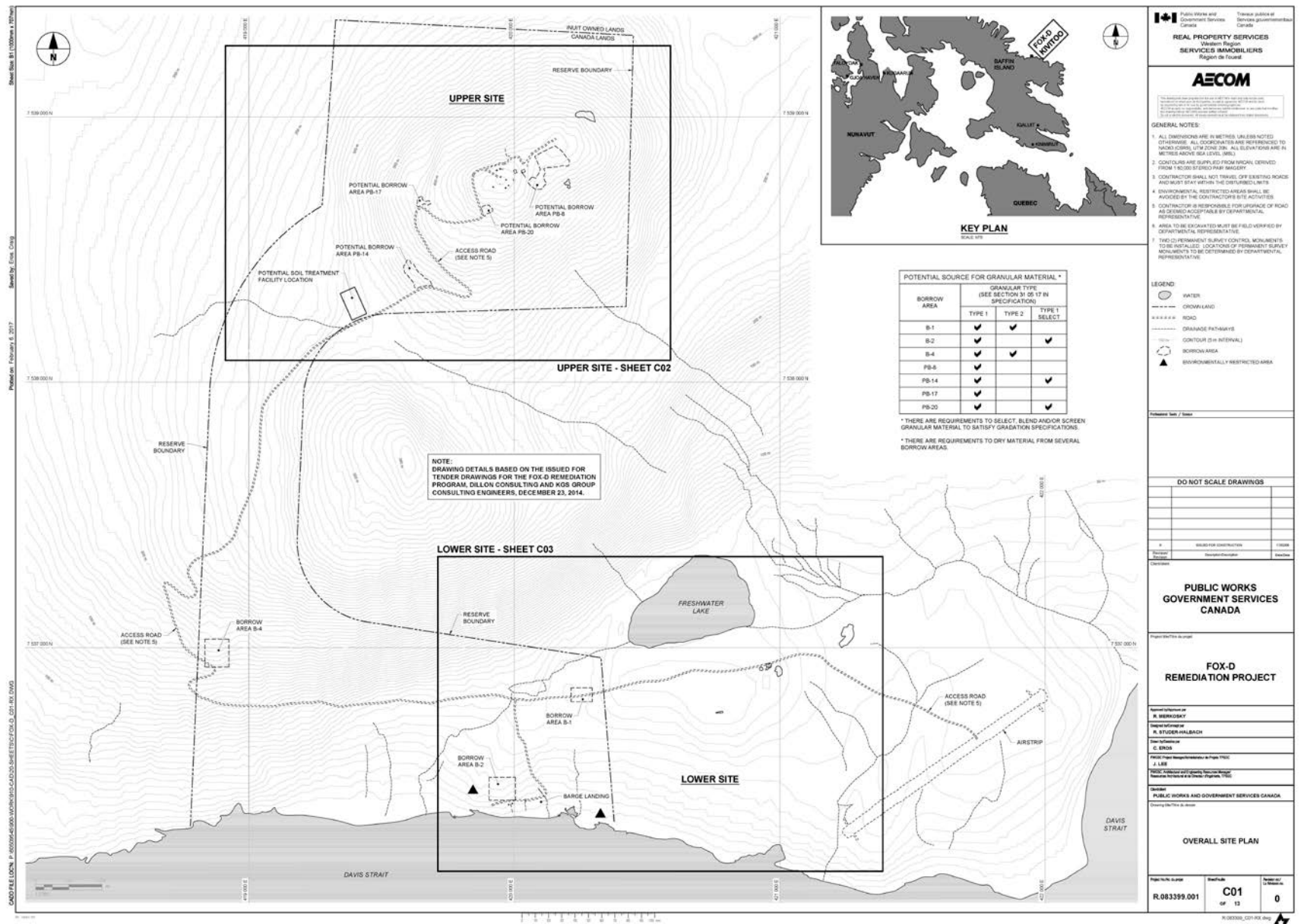


Figure 1. FOX-D Kivitoo overall site map.



Figure 2. FOX-D Kivitoo lower site map.

APPENDIX B:
FOX-D Kivitoo Remediation Project
Site Photos



Figure 3. Offloading sealift at FOX-D Kivitoo.



Figure 4. FOX-D Kivitoo view of camp



Figure 5. Hauling fuel to fuel storage area at FOX-D Kivitoo.



Figure 6. Upgrading access road to Upper Site at FOX-D Kivitoo.



Figure 7. Collecting samples from testpit at Area of Potential Environmental Concern 11-B at FOX-D Kivitoo.

APPENDIX C:
FOX-D Kivitoo Remediation Project
Community Consultation Record

FOX-D Kivitoo Site Remediation Project

August 2016



Meeting Agenda

1. Introduction
2. Project Objectives
3. Project Overview
4. Scope of Work
5. Heritage Resources
6. Employment & Training
7. Inuit Economic Benefits
8. Special Considerations
9. Question Period
10. Snacks / Door Prizes

Success

- Health and Safety
- Cooperation
- Team Work
- Respect
- Training
- Learning
- Have fun

1. Introduction



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Meeting Objectives

Why we are here:

- To present:
 - Key organizations
 - Project status update
 - Upcoming Employment Opportunities
- To hear input from you



Key Organizations

Indigenous and Northern Affairs Canada (INAC)

Project Owner
Erika Solksi — Project Manager

Public Works and Government Services Canada (PWGSC)

Contracting and Project Management for INAC
Janice Lee — Project Manager

Englobe Corp. (formerly Biogenie)

Remediation Contractor
Guillaume Robert — Project Manager
Brandon MacKay — Site Superintendent

AECOM

On-Site Supervision and Technical Advisor for PWGSC
Rebecca Studer-Halbach & Mitch Bliss, Resident Engineers

SILA Remediation

Main sub-contractor providing workforce

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2. Project Objectives



Project Objectives

- Minimize environmental impacts to humans and wildlife at the site
- Bring benefits and business to Northerners
- Ensure the project respects all government legislation
- Complete the site work by 2018

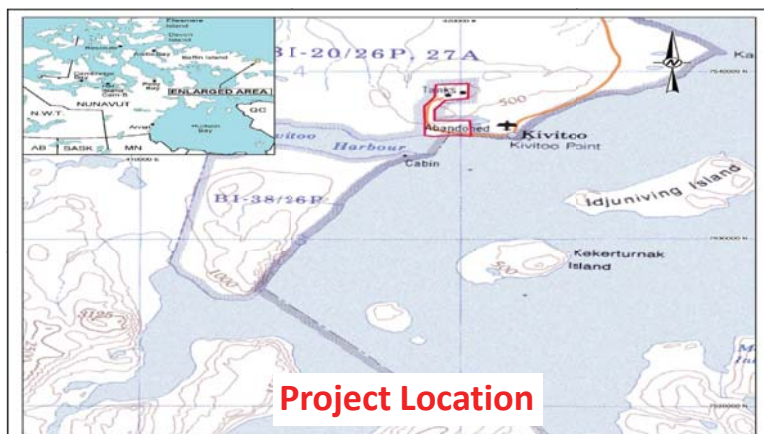
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3. Project Overview



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Project Location

Site History

- Built in the 1950's
- Used as an intermediate DEW line site
- Operations ceased in 1963
- Buildings and equipment abandoned
- Detailed site investigations were carried out prior to contract award

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FOX-D in Operation in 1959/1960

FOX-D
1959/60

courtesy: Martin Allinson

Project Status

- The project was awarded to Englobe in May 2016.
- Site work will take place in September 2016, June to September 2017 and June to September 2018.
- In the upcoming days, the sealift will arrive at Kivitoo. This year we will set up the camp and upgrade the airstrip and roads if weather permits.

4. Scope of Work



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Scope of Work

- Upgrade and maintenance of roads and airstrip
- Construction of temporary access roads
- Removal and off-site disposal of hazardous & non-hazardous material (including asbestos tile, PCBs, lead)
- Demolition of old buildings and POL tanks
- Debris removal, including barrels
- Landfill excavation
- PHC contaminated soil excavation and on site treatment

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Scope of Work (cont.)

- No landfill will be constructed on site
- All debris and heavily contaminated soils that are excavated will be packaged and transported south to be disposed of in authorized landfills
- Petroleum hydrocarbons contaminated soils will be treated on site by landfarming, or packaged and removed from site
- Hazardous wastes management will include asbestos, PCB, and lead removal and packaging, drum cleaning, and wastewater treatment on site

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Upgrade and Maintenance of Roads



Upgrade and Maintenance of Airstrip





Non-hazardous debris removal



Hazardous & Non-hazardous debris removal



Hazardous debris removal



POL Tank Demolition



Demolition of Old Building



Landfill Excavation

Landfill Excavation



Contaminated Soil Excavation and Treatment
(Typical Landfarm – Durban Island)



5. Heritage Resources

Heritage Resources

It is important to note that an in-depth Archaeological Impact Assessment was done at the site in 2013.

This study was done to make sure that while we are moving around the site during the cleanup work we do not disturb any areas of archaeological significance since there are several on this particular site.

We want to assure you that these areas will be clearly marked by flags and all workers will know that these areas are off limits.

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Archaeological Features



6. Employment Opportunities

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Employment Opportunities

Work conditions:

- Room and board provided
- 3-week rotations
- Work shift is 12 hours/day
- Day shift only, no night shift with the exception of Wildlife Monitors
- Travel to site will be by plane and/or by boat



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Employment Opportunities

We will be hiring for the following positions:

- Operators
- Labourers
- Wildlife Monitors
- Mechanic
- Mechanic Assistant
- Truck Drivers
- Janitor
- Cook
- Cook Assistant



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Training Opportunities

Training possibilities:

- Heavy Equipment Operation and Maintenance
- Transportation of Dangerous Goods
- Asbestos Abatement
- Lead-based Paint Removal/PCB-amended Paint Removal
- Inuit Supervisor Course
- Logistics and Administrative Training
- Hazardous Waste Operation and Emergency Response (HAZWOPER)
- Environmental Sampling
- Cook/Cook Backup



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Employment and Training Opportunities

Employment Process

- Job description and requirements, and application forms are available from Sila
- Application forms can be faxed or e-mailed
- Interview to be scheduled in coordination with Sila
- Application forms and information sheets are available on the table at the entrance

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Site Restrictions

- Only Wildlife Monitors are allowed to bring a gun to site
- Employees must remain inside the perimeter patrolled by bear monitors at all times
- No drugs or alcohol are permitted on site
- No hunting will be permitted on site; fishing is allowed
- Mobile devices are prohibited on the worksite during work hours

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7. Inuit Economic Benefits

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Inuit Economic Benefits

- Sila Remediation, our main sub-contractor, is in charge of hiring the work force
- We intend to provide the opportunity for a majority of Inuit employees to be hired from Qikiqtarjuaq
- **85%** of the contract value to be injected through Inuit-owned supplies

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8. Special Considerations

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Special Considerations

- Visitors planning to access the site in the summer are invited to notify the Community Liaison Officer in advance.
- Camp facilities and work areas are accessible by authorized personnel only.
- Site Health and Safety Policies must be respected by all visitors on site.
- Be sure to bring your steel-toed workboots with you to site!

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9. Questions?



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10. Coffee/Door prizes

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Thank you!





FOX-D Kivitoo Site Remediation Project – Community Meeting August 30, 2016

Meeting presented by:

Brandon MacKay, Site Superintendent, FOX-D
Guillaume Robert, Englobe, Project Manager FOX-D

Client/Client Representative present:

Janice Lee, PWGSC, Roland Merkosky, AECOM

QUESTIONS & COMMENTS

1. Q: How do we proceed if we are interested in working?

A: You must apply or notify Daisy (the CLO) that you wish to work and she will have you fill out an application form.

2. Q: Are you going to touch the whaling station?

A: No

3. Q: When is the draw?

A: At the end of the presentation.

4. Q: Are you hiring right away? How many this year?

A: It depends on when the boat arrives. If it arrives early, we may be able to get more work done and will need more workers.

5. Q: Will country food be available?

A: Yes we always buy country food in Qikiqtarjuaq and have it sent to site.

Meeting Photos

