Sikumiut
Environmental
Management Ltd.

Sikumiut
Avatihgijingita
Kamajingit

Multiple Services Sub-Contract
5 Wing Goose Bay

Client: (sub-consultant to) Defence Construction Canada.

Date: 2005 – 2006

Project highlights:

- **Risk Assessment**
- **CEAA Screening**
- **Water Quality sampling**
- **Geomatics and CADD support,**

Project Description:

As a sub-consultant, Sikumiut provided site services and specialist support to a broad examination of site contamination delineation and remediation options identification. Specific services included:

- Participation in a risk assessment of the overall remediation program, with a focus on aboriginal and Labrador issues;
- Participation in CEAA screening of the remediation program;
- Provision of field technicians to collect various samples – surface water, groundwater, soils, biota (berries, mushrooms);
- Provision of sample labeling, packaging Chain of custody documentation, and data compilation; and
- Provision of CADD services to produce geo-referenced drawings associated with the full investigation program.

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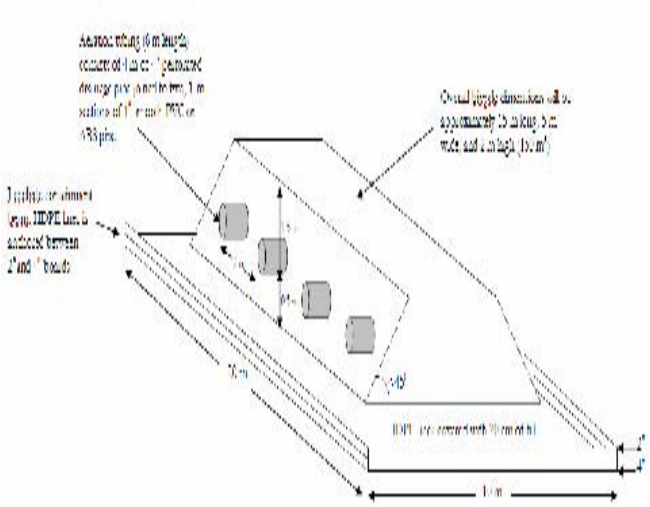
Contaminated Site Remediation
Hopedale RCMP



Client: RCMP

Date: 2006

Project highlights:

- **Hydrocarbon contaminated site**
- **Biopile remediation**
- **Backfill and site recovery**

Project Description:

A leaking underground storage tank resulted in soil contamination at the RCMP compound in Hopedale. Sikumiut, working in concert with Environmental Sciences Group (ESG) at Royal Military College, Kingston, implemented a plan for excavation of the contaminated soil, development of a biopile near the community waste disposal facility and replacement of backfill, including the importation of suitable material.

The biopile was maintained over one year and monitored for security and hydrocarbon levels. When acceptable levels were reached, the material was deposited in the landfill and the site rehabilitated.

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Wildlife Surveys
Near Nain, Labrador

Client: Canadian Wildlife Service

Date: 2004- 08

Project highlights:

- Waterfowl capture and tagging techniques
- Species presence and distribution

Project Description:

Sikumiut staff formed part of a field survey team led by Canadian Wildlife Service (CWS). The Team was attempting to develop methods for the capture and banding of scoters, a seaduck about which relatively little is known. Our Team was able to identify areas where the birds were present in relatively large numbers during the moulting phase of their life cycle.

The Study Team then carried out a series of field trials and quickly developed an effective method for capture of the moulting birds from the water using *Sikumiut* speed boat. The success in developing a capture method then enabled the team to move to the next phase of work. Within the two week survey period, a total of overt 600 birds were captured, banded and released. This compares with a total of less than 800 in total of the species that had previously been banded by all efforts to date. The success of this work was due in no small measure to the Inuit knowledge and skills contributed to the Team by *Sikumiut.*

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Wildlife Protection Plan
Bear Monitoring
Saglek Remediation Project
Saglek, Labrador

CLIENT: Defense Construction Canada

DATE: 2003- 2004

PROJECT HIGHLIGHTS:

- Development of a Wildlife Protection Plan
- Training and Orientation
- Site Monitoring Services
- Reporting
- Continuous Improvement

PROJECT DESCRIPTION:

A Wildlife Protection Plan was developed by *Sikumiut* for the Saglek Remediation Project in Northern Labrador. This Project was undertaken to recover and dispose properly of a large quantity of PCB contaminated material at the site. The work lasted two years and required a substantial work force at site, with work areas distributed over several locations. The site is far removed from outside resources (Wildlife Officers), so that wildlife protection needed to be effective and self contained as much as possible.

The major threat was from a polar bear attack, however related concerns were associated with the presence of black bears and wolves. *Sikumiut* recruited a team of experienced Inuit hunters, provided them with safety and response training, and developed an equipment listing such that each Team Member was self reliant in ability to detect, distract, and in the extreme case, to dispatch a threatening animal. During 2003, there was a total of 17 encounters (15 polar bears, 2 black bears), however, despite several very close encounters, there were no injuries to bear or humans.