

## NWB Annual Report

Year being reported: 2005 ▼

License No:  Issued Date:   
 Expiry Date:

Project Name:

Licensee:

Mailing Address:

Name of Company filing Annual Report (if different from Name of Licensee please clarify relationship between the two entities, if applicable):

## General Background Information on the Project (\*optional):

Nunatta Environmental Services Inc. (Nunatta) owns and operates a Hydrocarbon-Impacted Soil Landfarm Facility in the City of Iqaluit, Nunavut. This treatment facility is commonly referred to as a 'landfarm'. Nunatta operations consist in accepting soils impacted with petroleum products at various concentrations at the landfarm's geosynthetic lined platform and allow indigenous soil microorganisms to degrade petroleum products to broken down compounds such as water, carbon dioxide and hydrogen sulfide. Soils accepted at the landfarm are contaminated with diesel, fuel oil, gasoline and various oils.

Licence Requirements: the licensee must provide the following information in accordance with

Part B ▼ Item 1 ▼

**A summary report of water use and waste disposal activities, including, but not limited to: methods of obtaining water; sewage and greywater management; drill waste management; solid and hazardous waste management.**

Water Source(s):

Water Quantity:	<input type="text"/>	Quantity Allowable Domestic (cu.m)
	<input type="text"/>	Actual Quantity Used Domestic (cu.m)
	<input type="text"/>	Quantity Allowable Drilling (cu.m)
	<input type="text"/>	Total Quantity Used Drilling (cu.m)

## Waste Management and/or Disposal

☐ Solid Waste Disposal

☐ Sewage

☐ Drill Waste

☐ Greywater

☐ Hazardous

☒ Other:

☒ Other:

Additional Details:

22 Cubic Meters of water was collected and cleaned up by landfarm by passing it through carbon vessels.

#### A list of unauthorized discharges and a summary of follow-up actions taken.

Spill No.:  (as reported to the Spill Hot-line)

Date of Spill:

Date of Notification to an Inspector:

Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)

#### Revisions to the Spill Contingency Plan

SCP submitted and approved - no revision required or proposed



Additional Details:

#### Revisions to the Abandonment and Restoration Plan

AR plan submitted and approved - no revision required or proposed



Additional Details:

#### Progressive Reclamation Work Undertaken

Additional Details (i.e., work completed and future works proposed)

There was 377.8 Meters of soil received at land farm in 2005 for a total of 5005.3 Meters  
Soils were taken in and placed in cells. Large rocks were removed and soils were turned over with excavator when time permitted. Cell #3 had soils spread out level and were being cultivated and fertilized weekly. Water was applied as needed throughout summer months.

#### Results of the Monitoring Program including:

**The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where sources of water are utilized;**

Not Applicable (N/A)



Additional Details:

**The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where wastes associated with the licence are deposited;**

Details described below



**Additional Details:**

Cell#1 N63-45-816  
W 068-32-667    These coordinates are to centre of cell.

Cell#2 N 63-45-825    Corner coordinates are included in attachment  
W 068-32-708                      With detailed Map

Cell #3 N63-45-828  
W 068-32-738

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**Results of any additional sampling and/or analysis that was requested by an Inspector**

No additional sampling requested by an Inspector or the Board



Additional Details: (date of request, analysis of results, data attached, etc)

**Any other details on water use or waste disposal requested by the Board by November 1 of the year being reported.**

No additional sampling requested by an Inspector or the Board



Additional Details: (Attached or provided below)

**Any responses or follow-up actions on inspection/compliance reports**

No inspection and/or compliance report issued by INAC



Additional Details: (Dates of Report, Follow-up by the Licensee)

**Any additional comments or information for the Board to consider**

Nunatta's General Manager, Alain Carrierre, retired in Oct. 2008. Mr Carrierre is now living outside Canada and is unavailable for communication. For the year 2005 our new General Manager, Jim Wilson, is not aware of any information that could add value to the 2005 Annual Report.

**Date Submitted:**  
**Submitted/Prepared by:**  
**Contact Information:**

Nov. 25, 2010

Nunatta Environmental Services Inc, Iqaluit, Nu

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### GPS Coordinates for water sources utilized

[illegible]

### GPS Locations of areas of waste disposal

[illegible]



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P.O. Box 267  
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RECEIPT OF OIL - IMPACTED SOILS  
BY CLIENT & JOB #  
AS AT 31/12/05

Date of Invoice	Customer	Job #	Details (Cu. Mtrs. Received)
April 18/05	NSSI	04-716	7.0
Jan 14/05	Nunavut Power	04-734	48.25
Mar 22/05	PWGSC	05-700	15.0
Oct 7/05	Nunavut Power	05-711	28.0
June 27/05	Northern Prop.	05-716	21.0
June 27/05	Paul Barrieau	05-719	14.0
Aug 23/05	City of Iqaluit	05-720	12.0
Oct 11/05	Nunavut Power	05-721	17.0
Oct 17/05	Susan Spring	05-725	14.5
Sept 30/05	NCC	05-726	14.0
Sept 30/05	INAC	05-729	9.0
Nov 4/05	Gov of Nunavut	05-731	45.0
Nov 16/05	BBS	05-737	18.0
Aug 29/05	South Baffin	05-733	115.0

**Total Cubic Meters of Oil-impacted Soil Received:**

**377.8**

**Nunatta Environmental Services Inc.**  
**Annual Accrual for Future Costs of Soil Remediation**  
**Annual Data (Per Financial Statements)**  
**\*2010 - year-to-date figures**

<b>Year Soil Received</b>	<b>Details (Cu. Mtrs. Received)</b>	<b>Annual Sales Revenue</b>	<b>Annual Liability at Y/E</b>
<b>2003</b>	3919.6	\$ 683,827	\$ 547,062
<b>2004</b>	708	\$ 204,800	\$ 574,136
<b>2005</b>	377.8	\$ 74,800	\$ 496,251
<b>Totals</b>	<b>5005.4</b>	<b>\$ 963,427</b>	