

NWB Annual Report

Year being reported: 2007 ▼

License No: NWB4NUN0511 - Type "B" Issued Date: September 13, 2005
 Expiry Date: December 13, 2011

Project Name: Nunatta Environmental Services "Landfarm"

Licensee: Nunatta Environmental Services

Mailing Address: Box 267,
 Iqaluit, Nunavut
 X0A 0H0

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): Run-off water, contaminated water from clean-up site

Water Quantity:

	Quantity Allowable Domestic (cu.m)
	Actual Quantity Used Domestic (cu.m)
	Quantity Allowable Drilling (cu.m)
	Total Quantity Used Drilling (cu.m)

Waste Management and/or Disposal

- ☐ Solid Waste Disposal
☐ Sewage
☐ Drill Waste
☐ Greywater
☐ Hazardous
☒ Other:

Hydrocarbon Contaminated Soils

☒ Other:

Additional Details:

11 cubic meters of water were collected and treated by Landfarm. Waters were passed through carbon filters prior to discharge.

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 a total of 525.1 Meters of contaminated soils received in 2007 giving a grand total of 5694.4 meters
Soils were taken in and placed in cells. Large rocks were removed and soils were turned over with the excavator. 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 N 63-45-816 W 068-32-667	These coordinates are to centre of cell
Cell #2 N 63-45-825 W 068-32-708	Exact corner coordinates, in attachment Detailed Map
Cell #3 N 63-45-828 W 068-32-738	

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)

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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)

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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)

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Any additional comments or information for the Board to consider

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Date Submitted:

Nov. 25, 2010

Submitted/Prepared by:

Nunatta Environmental Services Inc, Iqaluit, Nu

Contact Information:**Tel:** 867-979-1488**Fax:** 867-979-1478**email:** nunatta@northwestel.net

GPS Coordinates for water sources utilized

[illegible]

GPS Locations of areas of waste disposal

[illegible]



Nunatta Environmental Services Inc.
P.O. Box 267
Iqaluit, NU X0A 0H0

Tel: (867) 979-1488
Fax: (867) 979-1478

RECEIPT OF OIL - IMPACTED SOILS
BY CLIENT & JOB #
AS AT 31/12/07

Date of Invoice	Customer	Job #	Details (Cu. Mtrs. Received)
Jnn 4/07	Coman Arctic	07-703	15.5
June 6/07	Eve Bouchard	07-707	30.5
Aug 15/07	C. Attagutsiaq	07-709	76.5
June 6/07	Hillside Co-op	07-710	6.3
May 21/07	NP REIT	07-717	7.0
Aug 20/07	Nunasi Corp.	07-720	54.0
July 31/07	PWGSC	07-721	73.0
June 25/07	NCC (1999) Corp.	07-728	130.0
Aug 21/07	S. MacDonald	07-735	6.23
Aug 21/07	S. MacDonald	07-735-2	35.3
Oct 19/07	NEU	07-739	8.8
Nov 28/07	NCC (1999) Corp.	07-743	82.0

Total Cubic Meters of Oil-impacted Soil Received:

525.1

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

Year Soil Received	Details (Cu. Mtrs. Received)	Annual Sales Revenue	Annual Liability at Y/E
2003	3919.6	\$ 683,827	\$ 547,062
2004	708	\$ 204,800	\$ 574,136
2005	377.8	\$ 74,800	\$ 496,251
2006	164.0	\$ 34,845	\$ 291,440
2007	525.1	\$ 130,662	\$ 196,317
Totals	5694.5	\$ 1,128,934	