

HMP-2011 Spill Contingency Plan

Last Updated: 15 July 2011

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1. Introduction

The Haughton-Mars Project (HMP) has an obligation to minimize the environmental impact of its activities in the Arctic and strives to meet the highest standards in environmental protection. The cooperation of each HMP participant in meeting these standards and obligations is requested. This document, which contains key information regarding how HMP will respond to a spill, constitutes the HMP Spill Contingency Plan.

2. Person in Charge

Name	Dr Pascal Lee
Title	Director
Contact information	Mars Institute, NASA Ames Research Center, MS 245-3 Moffett Field, CA 94035-1000, USA Tel: (408) 687-7103 E-mail: pascal.lee@marsinstitute.net

3. 24 hour Contact Person

Name	Dr John Schutt
Title	Base Camp Manager
24 hour phone number Iridium Phone: Dial:	011 88 16 3146 6213

4. Inventory of hazardous materials stored on site and approx. amounts

Fuel – Diesel	15 drums (55 gallons per drum)
Fuel – Gasoline	10 drums (55 gallons per drum)
Fuel – Propane	10 tanks (100 lbs per tank)

5. Spill Plan Activation Procedure

In case of spill, follow the 4 steps below in sequence.

If you do not feel competent or adequately equipped, please seek assistance first.

STEP 1: Immediate Danger?

Assess hazard presented by spill.

Ensure that no person is exposed to any immediate danger from spill.

Evacuate spill site immediately if immediate danger is present.

Seek medical help for any injured person.

Inform HMP management or authorities immediately as appropriate.

STEP 2: Contain Spill – Use Spill Kit

If no immediate danger is present...

Stop spill at its source.

Isolate spill: Prevent expansion of the area affected by the spill.

Continue pursuing measures of STEP 1 through STEP 2.

STEP 3: Clean Up Spill Site – Use Spill Kit

If no immediate danger is present...

Assess damage from spill.

Stop damage from expanding first, then begin site restoration.

Clean up and restore spill site using proper equipment and materials.

Continue pursuing measures of STEPS 1 through STEP 3.

STEP 4: File Report(s) ASAP

Assist HMP Management in filing a detailed Nunavut Spill Report.

Assist HMP Management in filing any additional reports as needed.

Assist HMP Management in updating this plan as appropriate.

6. Spill Plan Effective Dates

The current plan will be effective from **15 July 2011** through **30 June 2012**.

7. Contents of HMP Spill Kits

There are two spill kits stored at HMPRS (Core). Each kit contains:

- Oil and petroleum absorbent pads
- Buckets
- Heavy duty garbage bags

8. Spill Reporting Procedure

A spills witnessed by HMP participants should be reported to HMP Management asap, as part of Step 1 of the Spill Plan Activation Procedure specified above.

9. 24-hour Spill Report Line

Nunavut Spill Report (24-Hr Report Line) – Report all spills.

Tel: (867) 920-8130

10. Emergency Contact List

Emergencies & Enforcement Officer, Environment Canada	Tel: (867) 975-4644
Nunavut Spill Report (24-Hr Report Line) – Report all spills.	Tel: (867) 920-8130
Indian & Northern Affairs Canada (INAC) Water Resources Officer Manager, Field Operations	Tel: (867) 975-4289 Tel: (867) 979-8007
Government of Nunavut, Dept of Environment's (GN-DOE) Manager of Pollution Control and Air Quality 24-Hour Spill Report	Tel: (867) 975-7700 Tel: (867) 975-7748 Tel: (867) 920-8130
Dept. Fisheries and Oceans Canada (DFO), Habitat Impact	Tel; (867) 979-8007
Qikiqtani Inuit Association (QIA)	Tel: (867) 979-5391
Polar Continental Shelf Project (Resolute Bay):	Tel: (867) 252-3872
Kenn Borek (Twin Otters):	Tel: (867) 252-3845
RCMP (Resolute Bay):	Tel: (867) 252-1000
Mars Institute HQ (Toronto)	Tel: (604) 628-2121