

Date prepared: February 13, 2007

This plan is prepared in accordance with De Beers Canada Inc. - Exploration Division ISO 14001 Environmental Management System and the NWT "A Guide to the Spill Contingency Planning and Reporting Regulations January 2002"

The Baffin Island Project is a tent camp for up to 30 people situated near the eastern edge of an un-named lake at latitude 70° 56' 04"N and longitude 80° 11' 03" W.

Responsible Person:

Jenna McKenzie, Project Manager (24-hour contact)

(416) 645-1710

Head Office Information:

De Beers Canada Inc. - Exploration Division

Divisional Manager-- Don Boucher

65 Overlea Blvd., Suite 300

Toronto, Ontario

M4H 1P1

Phone: (416) 645-1710 Fax: (416) 423-9944

don.boucher@ca.debeersgroup.com

1. Spill Response Equipment

1.1. Responsible Persons will ensure that an appropriate inventory of spill response equipment is kept at each facility.

Small spill kits will contain:

10 pads 16" x 20"

3 SOCS 3" x 4'

2 disposable bags

Nitrile gloves

Large spill kits will contain:

50 pads 16" x 20"

4 SOCs 3" x 12'

8 pillows 18" x 18"

Goggles

Nitrile gloves

Nunavut Water Board MAR 0 6 2007 Public Registry

Prepared by: C. Redhead	Approved By: M. Pickard	Date Issued: 28 July 2005
Form No.: RCD 064	Revision No: 04	Date of Revision: 13 February 2007

Note: All printed copies of this document are uncontrolled. Please see ISOsoft for most current versions.

Page 1 of 11



5 disposable bags

- 1.2. All fuel depots will be fully equipped with spill response equipment. The Responsible Person will ensure the equipment inventory is sufficient and is inspected on a regular basis, using the Spill Kit Checklist (CL 032).
- 1.3. All fuel caches will have secondary containment.

2. Spills Response and Clean-up Procedures

A variety of techniques may be used to respond to and clean-up spills, depending on the type of material spilled and the area in which it is spilled. The following actions are recommended for these specific types of spills as well as referring to the generic procedure above and the Spill Reporting and Response Checklist (CL 008). Reference Material Safety Data Sheets for the material spilled. Material Safety Data Sheets for all site products can be obtained at http:\\eservice.msds.com.

Login

User Name: DeBeers Password: Toronto

3. Spills Response and Clean-up Procedures – Types of Terrain

3.1. Fuel Spills

3.1.1. Response and Clean-up for Fuel Spills on Land

"Land" may be defined as soil, gravel, sand, rock and vegetation. The Responsible Person shall refer to the following instructions, as necessary, for containment and cleanup in the event of a spill on land:

- Obtain absorbent sheeting, "Spagh-zorb" or other ultra-dry absorbent and any other necessary spill containment equipment, pump, hoses, etc.
- If the material is flowing, a berm of peat, native soil or snow is constructed down-slope from the seepage or spill. The tarp is placed in such a way that the fuel can pool for collection and removal (e.g., at the foot of the berm.) If there is a large volume of spilled product, pump the liquid into spare empty

Prepared by: C. Redhead	Approved By: M. Pickard	Date Issued: 28 July 2005
Form No.: RCD 064	Revision No: 04	Date of Revision: 13 February 2007

Note: All printed copies of this document are uncontrolled. Please see ISOsoft for most current versions.

Page 2 of 11



drums for sealing and disposal in accordance with Waste Disposal Procedure (OP 022).

- If the material is on the surface place absorbent sheeting to soak up spilled oil, gasoline, etc.
- Saturated sheeting is disposed of in an empty drum, which is then labelled and sealed. Alternatively, the pads may be wrung out into the empty drum(s); the drums marked and then secured for disposal in accordance with Waste Disposal Procedure (OP 022).

3.1.2. Response and Clean-up for Fuel Spills on Water

Prompt responses are required when fuel is spilled on water, to mitigate the spread of the impact. The Responsible Person shall refer, as required, to the following instructions for containment and cleanup in the event of a spill on water:

- If the spill is small, deploy hydrophobic (water-repellent) absorbent pads on water. Hydrophobic pads readily absorb hydrocarbons. Alternatively, an ultra-dry absorbent designed for use on water-based spills may be deployed.
- If the spill is larger, ready several empty drums to act as refuge containers for the spill.
- Deploy containment booms on the water surface to "fence in" the spill area gradually and to prevent it from spreading. Keep in mind those environmental factors such as high winds and wave action can adversely affect attempts at spill cleanup.
- Absorbent booms can then be deployed to encircle and then absorb any hydrocarbon spillage that may have escaped the containment boom.
- Once a boom has been secured, a skimmer may be brought on-scene to aid in capture of the hydrocarbon, or, utilize an absorbent pad; once captured, the product should be pumped to the empty fuel drums and held for disposal in accordance with the Waste Disposal Procedure (OP 022).

3.1.3. Response and Clean-up for Fuels Spills on Snow

By its nature, snow is an absorbent, and fuel spilled on snow is collected with relative ease, either by shovel, in the case of small-range spills, and by loader, in the case of more extensive spills.

Prepared by: C. Redhead	Approved By: M. Pickard	Date Issued: 28 July 2005
Form No.: RCD 064	Revision No: 04	Date of Revision: 13 February 2007

Note: All printed copies of this document are uncontrolled. Please see ISOsoft for most current versions.

Page 3 of 11



The Responsible Person shall refer, as required, to the following instructions for containment and cleanup in the event of a spill on snow:

- Assess the nature of the spill. Necessary equipment might include shovels, plastic tarp(s), empty drums, and loader.
- Shovel or scrape contaminated snow and deposit in empty refuge drums. If the spill is more extensive, build peat-bale berms or compacted-snow berms with plastic over top, around the affected area.
- Dispose of contaminated snow and ice as liquid industrial waste, in accordance with the Waste Disposal Procedure (OP 022).

3.1.4. Response and Clean-up for Fuels Spills on Ice

Spills on ice are handled in similar fashion as those on snow. However, as ice presents the added danger of immediate access to water, care must be taken to respond quickly to such spills. Should fuel seep or flow through cracks or breaks in the ice, despite all precautions, assistance should be sought immediately.

The Responsible Person shall refer to the following instructions for containment and cleanup in the event of a spill on ice:

- Construct a compacted-snow berm around the edge of the spill area as fuels will likely sit on the ice surface.
- Although hard ice will retard or prevent fuel entry to the receiving waters below, all contaminated snow and ice, as well as objects embedded in the ice (such as gravel) must be scraped from the ice surface and disposed of in an appropriate manner.
- Dispose of contaminated snow and ice as liquid industrial waste, in accordance with the Waste Disposal Procedure (OP 022).

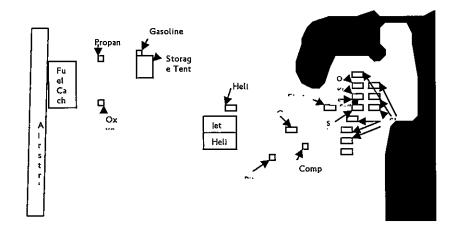
Prepared by: C. Redhead	Approved By: M. Pickard	Date Issued: 28 July 2005
Form No.: RCD 064	Revision No: 04	Date of Revision: 13 February 2007

Note: All printed copies of this document are uncontrolled. Please see ISOsoft for most current versions.

Page 4 of 11



Site Map:



Type and maximum amount of contaminants:

3000 litres of grey water in sump
1 x 2 mitre square of sewage in pit privy
70 drums of gasoline
350 drums of jet fuel
50 drums of diesel fuel
60 30 lb. propane cylinders

Reporting a spill:

1. What to Report – External Reporting to Regulatory Agencies

Spill Reporting Thresholds

- Jurisdiction	Compressed Cas	, අවශාලන්වල ලබුණුවට දුවුණුවට	Conceive Substances		Dangerous Wastes	Other Contaminants
Nunavut	***	100 L	5 L/ 5 kg	1 L/ 1 kg	5 L/5 kg	100 L/ 100 kg

All radioactive spills must be immediately reported, however small.

Prepared by: C. Redhead	Approved By: M. Pickard	Date Issued: 28 July 2005
Form No.: RCD 064	Revision No: 04	Date of Revision: 13 February 2007

Note: All printed copies of this document are uncontrolled. Please see ISOsoft for most current versions.

Page 5 of 11



Form No.: RCD 064

Nunavut – Baffin RCD 064 - SPILL CONTINGENCY PLAN

*** A spill is "any discharge into the natural environment that is abnormal in quality or quantity in light of all the circumstances of the discharge". ALL spills that are discharged to the environment are to be reported.

- Note that regulatory authorities must be notified forthwith, upon discovery of a reportable spill, as required by legislation.
- If the Responsible Person is unsure about the "reportability" of a spill, the Safety, Health and Environmental Management Representative is to be contacted for direction. If you are unable to reach the Environmental Management Representative please err on the side of caution and report the incident.

A sufficiently trained Responsible Person that determines that external reporting is required will provide required information to regulatory authorities. This information may include:

Date and time of	spill	:-
Location of spill _		
Direction spill is r	moving	
□ Name and phone	number of a contact person c	lose to the location of spill
Type of contamir	nant spilled and quantity spilled	i
Cause of spill		
☐ Whether spill is o	continuing or has stopped	
Description of ex	disting/planned containment me	easures
		· · · · · · · · · · · · · · · · · · ·
Prepared by: C. Redhead	Approved By: M. Pickard	Date Issued: 28 July 2005

Revision No: 04 Note: All printed copies of this document are uncontrolled. Please see ISOsoft for most current versions.

Page 6 of 11

Date of Revision: 13 February 2007



Form No.: RCD 064

Nunavut - Baffin RCD 064 - SPILL CONTINGENCY PLAN

Actions taken to cont	ain, recover, clean up and disp	ose of spilled contaminant
Name and phone nul	mber of person reporting spill	
☐ Name of owner or pe	erson in charge, management o	r control of contaminants at
2. What to Report - Intern	nal Reporting to De Beers Car	nada Authorities
_ , ,	rough Incident/Accident and No soon as possible, as per DBC S	• • •
☐ Report to Safety, Hea	alth and Environmental Manage	ement Representative if
3. Where to report – Regu	latory Reporting	
	TELEPHONE NUMBERS	
4 hr Spill Reporting (call collect		1-867-920-8130
Mine Site and Exploration Site Acci	dents	1-867-873-0123
DIAND Inspector (Iqaluit) DFO (Iqaluit)		1-867-979-6445 1-867-979-8039
Environment Canada (Iqaluit)		1-867-475-4644
Environment Canada 24 hour page R.C.M.P. (Iqaluit)	r service	1-867-920-5232 1-867-979-0123
Spill Clean up and Disposal	:	
Prenared by C. Redhead	Approved By: M. Biokard	Date Issued: 28 July 2005

Date of Revision: 13 February 2007



All contaminated material will be removed to containers which will be flown for disposal at an approved waste disposal facility.

The NWT Spill Report Form below must be submitted to the FAX number listed on the form.

Prepared by: C. Redhead	Approved By: M. Pickard	Date Issued: 28 July 2005
Form No.: RCD 064	Revision No: 04	Date of Revision: 13 February 2007





NWT SPILL REPORT

(Oil, Gas, Hazardous Chemicals or other Materials)

24 – Hour Report Line Phone: (867) 920-8130 Fax: (867) 873-6924

terrac	,,,,,,						
A Re	port Date and Time	B Date and Time of sp	pill (if known)			Priginal Report Ipdate no	Spill Number
D ⊷	cation and map coordinates (if known) and o	direction (if moving)					
E Pa	rtly responsible for spill		1-11-				
F	oduct(s) spilled and estimated quantities (pr	ovide metric volumes iwe i	ights if possible)				
G °	suse of spill						
\Box	spill terminated? If spill is continuing.	give estimated rate	(s further spillage post		K Extent	of contaminated area (in s	quare meters if possible)
L. Fa	ctors effecting spill or recovery (weather cor	nditions, terrain, snow con	ver, etc.)	M Cons	inment (nat	ural depression, dikes, etc.	
N Ac	tion, if any, taken or proposed to contain, re	cover, clean up or dispos	se of product(s) and conta	minated ma	aterials		
O ₽s	you require assistance?	D Poss	sible hazards to person, p	roperty, or	envimment	t eg: fire, drink water, fish o	or wildlife
\mathbf{v}	no yes, describe:	P					
Q°	mments or recommendations	_				FOR SPILL	LINE USE ONLY
						Lead agency	
						Spill significance	
						Lead Agency conta	ot and time
						<u> </u>	
						Is this file now clos-	ed? Uyes
Reporte	d by F	Position. Employer, Locati				Telephone	
Reporte	d to P	osition. Employer, Locati	ion			Telephone	
NWT 175	2.0007						

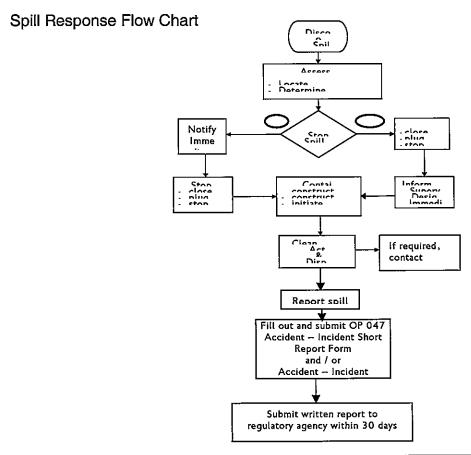
Prepared by: C. Redhead Approved By: M. Pickard Date Issued: 28 July 2005

Form No.: RCD 064 Revision No: 04 Date of Revision: 13 February 2007

Note: All printed copies of this document are uncontrolled. Please see ISOsoft for most current versions.

Page 9 of 11





Prepared by: C. Redhead	Approved By: M. Pickard	Date Issued: 28 July 2005
Form No.: RCD 064	Revision No: 04	Date of Revision: 13 February 2007

Note: All printed copies of this document are uncontrolled. Please see ISOsoft for most current versions.

Page 10 of 11



Training:

All personnel at site will be trained in spill response entitled De Beers Canada Inc. - Exploration Division Spill Prevention and Cleanup programme.

This programme includes training in:

- types of substances that make up a spill,
- a definition of a spill,
- preventing a spill,
- clean up of a spill,
- and reporting a spill

Response and clean-up:

Baffin Island project maintains 6 200 litre spill kits and 10 small spill kits. The location of the spill kits is noted on the Site Map above. There is also a Honda pump for pumping grey water further away from the lake.

Prepared by: C. Redhead	Approved By: M. Pickard	Date Issued: 28 July 2005
Form No.: RCD 064	Revision No: 04	Date of Revision: 13 February 2007

Page 11 of 11

Note: All printed copies of this document are uncontrolled. Please see ISOsoft for most current versions.

