

**STARFIELD RESOURCES
FERGUSON LAKE CAMP
FERGUSON LAKE, NT**

NTS 65I15

SPILL CONTINGENCY PLAN

Nov 2005

TABLE OF CONTENTS

TABLE OF CONTENTS	2
LIST OF FIGURES	3
LIST OF TABLES.....	3
1.0 INTRODUCTION.....	4
2.0 PERMITS AND AUTHORISATIONS	4
3.0 CAMP FACILITIES	4
3.1 Site Description	4
3.2 Camp Description	5
3.3 Facility Personnel Obligations	5
3.4 Camp Operation Times.....	5
4.0 FUEL AND CHEMICAL PRODUCT TRANSPORT AND STORAGE	6
4.1 Fuel Transportation.....	6
4.2 Fuel Storage	6
4.3 Fuel Types and Quantities.....	6
5.0 BASIC STEPS – SPILL PROCEDURE	7
5.1 Basic Steps - Chain of Command.....	8
6.0 TAKING ACTION	8
6.1 Before the Fact: Preventive Measures.....	8
6.2 After the Fact: Mitigative Measures	9
6.3 Fuel Spills on Land	10
6.3.1 Procedure for spills on rock.....	10
6.3.2 Procedure for spills on land.....	11
6.4 Fuel Spills on Water.....	11
6.4.1 Procedure for spills on water	11
6.5 Fuel Spills on Snow and Ice	12
6.5.1 Procedure for spills on snow and ice.....	12
6.6 Procedure for Chemical Spills	13
7.0 GENERAL RESPONSE AND MAINTENANCE INFORMATION.....	20
7.1 General Equipment and Proximity	20
8.0 RESPONDING TO FAILURES AND SPILLS	20
8.1 Spill-Response Team	20
APPENDIX 1: CONTACT LIST	21
APPENDIX 2: MATERIAL SAFETY DATA SHEETS (MSDS)	233

LIST OF FIGURES

Figure 2 Nunavut Spill Report Form.....	17
---	----

LIST OF TABLES

Table 1 Monthly Quantities of Fuel and Oil to be stored at site.....	7
Table 2 Guide to Required Ice Thickness	18
Table 3 Required Ice Thickness for Typical Aircraft Weights	19
Table 4 Contents of Spill Kits –2005	20
Table 5 General Response Inventory – Ferguson Lake Worksite – Spring 2005.....	22

1.0 INTRODUCTION

Starfield Resources is planning to create a new camp area to support its mineral exploration activities covered under Land Use Licenses: KVL399C150 and KVL103B303 and Water License NWB2FE20305. It is proposed to move the present camp site north of the previous mineral exploration areas, ranging between 200 meters and 3 kilometers inland from the southwest shore of Ferguson Lake. The proposed new camp site location is centered approximately at Latitude 62° 53' 33.66" North, Longitude 95° 54' 15.03" West, and is located on Map Sheet NTS 065115. This spill plan is in support of the proposed new camp area and shall be in effect when approved by the Nunavut Water Board, and is subject to revisions as may be necessitated by future programs.

It must be noted that the property is remote; no communities are located nearby, and thus no Persons other than Starfield Resources, Major Drilling, Northern Air Support and various contractor personnel, would be affected in the event of an incident.

All employees, whether permanent or casual, and program contractors, are required to be trained in Starfield-Major policies and procedures prior to engaging in work at the Ferguson Lake work site.

Starfield Resources is aware that planning for an emergency situation is not an option but an obligatory activity. This Contingency Plan will be posted in the living quarters, Drill Shack(s) and will be distributed to supervisory personnel for distribution to staff and the drilling contractor.

2.0 PERMITS AND AUTHORIZATIONS

The Ferguson Lake Project, comprised of 30,060.30 acres, is located in Kivalliq Inuit Association (KIA) controlled land in the Kivalliq region of the Nunavut Territories and is governed by the following KVL Permits:

KVL399C150	Expires	April 30, 2006
KVL103B303	Expires	March 24, 2006

and by the following Type B Water License # NWB2FER0507

3.0 CAMP FACILITIES

3.1 SITE DESCRIPTION

The proposed camp site and core storage area is situated on a low ridge at an elevation between 120 and 130 m on a point on the southwest shore of Ferguson Lake. It is a level area of low bedrock outcrops and sand and gravel, suggesting good drainage. The

nearest water body is a small pond about 300 m south of the proposed camp site. This pond drains to another pond and eventually south to Ferguson Lake.

3.2 CAMP DESCRIPTION

The camp configuration will consist of a 30 person portable camp with integrated facilities for sleeping, cooking, eating, recreation and washing, as well as structures for water and waste treatment, a core shack, ski-do shed, wooden shop, office, safety shack, storage sheds, weatherhavens, and pump sheds. All buildings are located within the one hectare square of the camp.

On site facilities include direct dial satellite phone, high speed internet uplinks, satellite television, full time helicopter and a full time certified First Aid Attendant as required by NWT-NT WCB.

3.3 FACILITY PERSONNEL OBLIGATIONS

The obligations and responsibilities of the Spill Contingency Plan awareness, maintenance and preparedness begin with the arrival of Starfield and Major Drilling employees and contractors. Particularly in the case of new arrivals, supervisors provide an orientation to acquaint worksite staff with Company policies, procedures, and health and safety issues. This orientation includes, but is not limited to:

- location of all fuels and fuel products
- location of WHMIS and MSDS sheets
- location of spill kits and fuel spill equipment
- instruction of the use of spill kits
- instruction on the use of spill equipment
- instruction on the clean-up and disposal of fuel products contained in a potential fuel spill

Staff is required to familiarize themselves with the Spill Contingency Plan and their respective assigned roles. All site personnel are trained in the areas of Environmental awareness, site safety, and basic first-aid CPR. Petroleum handling and spill response personnel are trained in WHMIS and all personnel who handle petroleum and have spill

3.4 CAMP OPERATION TIMES

The camp will be in operation from March 15 to December 15 with a maximum of 30 people, and from December 15 to March 15 with 2 to 3 caretakers. It will be a permanent camp with the possibility for expansion to support more people if the project goes into production phase.

4.0 FUEL AND CHEMICAL PRODUCT TRANSPORT AND STORAGE

4.1 FUEL TRANSPORTATION

The Ferguson Lake Project is being conducted at a remote site. Fuel during the winter months will be transported over designated winter routes as applied for by M&T Enterprises of Rankin Inlet. Fuel re-supply in the summer months will be transported by fixed wing aircraft.

4.2 FUEL STORAGE

Only a monthly supply of fuel will be stored on the camp site. All fuel on the camp site will be stored in 205L structurally sound steel drums with in an appropriate containment system according to regulations, and located 100m from the high water mark. All drums will be inspected daily by Starfield and or Major personnel for container and bung soundness. Any drum(s) noted to be leaking will immediately have all product transferred to a new drum(s). The drum will be crushed and hauled out at a later date.

Any empties that are deemed not worthy of holding fuel are back hauled to landfill sites by M&T Enterprises and or flown out in the summer months by plane to Rankin Inlet and or Baker Lake.

All lubricants and oils will be stored at the in the "Oil Shed" which consists of a 12x16 secured wooden shed.

A cache of Jet-B will be stored in an appropriate containment system according to regulations near the helipad for the purposes of Helicopter re-fueling. All drums are sealed and clearly marked. These drums will be inspected daily by the pilot, who has been trained in company fuel-handling and spills-prevention procedures; a full-size spill kit will be present proximal to the helipad area (Table 4).

The remainder of the fuel will be stored in its present site at the Ferguson Lake airstrip as permitted under Starfield's present Water license and Land Use Licenses. The fuel at the airstrip will be stored as regulated by the Water License and Land Use Licenses, and as per Starfield's Spill Contingency Plan for the Ferguson Lake Project.

Spill kits will be available at all fueling sites.

4.3 FUEL TYPES AND QUANTITIES

The types of fuel and lubricants that will be stored on the camp site will consist of P-50 diesel motive, JET-B, Gasoline, Propane and an assortment of hydraulic oils and motor oils. The P-50 diesel motive will be used for heating purposes and the powering of generators, pumps, and other related heavy equipment. The JET-B will be used for the purposes of helicopter refueling and also for heating purposes. Gasoline will be used for the purposes re-fuelling ski-doo's. The propane will be used for heating and cooking purposes. Oils and lubricants will be used on the heavy equipment.

All fuels are stored in 205L drums. The P-50 is stored in barrels that previously contained sealed JET-B. Prior to being re-used for P-50 storage, all drums and seals are inspected. Drums that are showing signs of weakness and fatigue are discarded. All rubber seals prior to re-filling are replaced. All JET-B products are contained in 205L drums. All drums are factory sealed. Any drums whose seals have been broken are used for purposes other than for re-fueling of aircraft.

Table 1
Monthly Quantities of Fuel and Oil to be stored at site

Fuel Type	Container Type	Container Capacity	Total Volume to be Stored On-Site
P-50	Barrels	205L	15,375L
Gasoline	Barrels	205L	112,750L
Jet-B	Barrels	205L (sealed)	681L
Propane	Pressured Tanks	100lb Tanks	100lbs
Oils/lubricants	Plastic containers	10 L	250 L

5.0 BASIC STEPS – SPILL PROCEDURE

Starfield-Major believes that, in the case of a spill or environmental emergency, it is necessary to react in the most immediate, safe and environmentally responsible manner. No spill or incident is so minor that it can be ignored.

Starfield Resources basic steps of a response plan are as follows:

1. Ensure the safety of all persons at all times.

2. Find and identify the spill substance and its source, and, if possible, stop the process or shut off the source.
3. Inform the immediate supervisor or his/her designate at once, so that he/she may take appropriate action. (Appropriate action includes the notification of a government official, if required).
4. Contain the spill or environmental hazard, as per its nature, and as per the advice of the Spill Line and Environmental Advisers, as required.
5. Implement any necessary cleanup or remedial action.

5.1 Basic Steps - Chain of Command

1. Immediately notify the Project Manager, John Nicholson (604) 786-9095 (home) or (604) 608-0400 (office) or at Ferguson Lake worksite and or Project Geologist Brian Game at (604) 671-2646 (home) or (604) 608-0400 or at Ferguson Lake worksite of any spill. He/she then notifies the Response Co-coordinator (if a different individual).
2. Response Co-coordinator or his/her designate then contacts the 24-Hour Spill Line, if warranted, as follows:

24 HOUR SPILL LINE

Phone: (867) 920-8130

FAX: (867) 873-6924

A "Spill Report Form" (Figure 2) is filled out as completely as possible before or after contacting the 24-Hour Spill Line.

If the spill is minor (such as dripping of fuel during transfer, which can be absorbed by padding, absorbent crystals, etc.), then the Project Manager, John Nicholson and or Project Geologist, Brian Game is notified on site.

(For additional contact information, see Appendix 1).

6.0 TAKING ACTION

6.1 Before the Fact: Preventive Measures

The following actions illustrate the approach of Starfield Resources and Major Drilling to environmental care. In addition, they minimize the potential for spills during fuel handling, transfer or storage:

1. Fuel transfer hoses with camlock mechanisms are to be used.

2. Carefully monitor fuel content in the receiving vessel during transfer.
3. Clean up drips and minor spills immediately.
4. Regularly inspect drums, tanks and hoses for leaks or potential to leak.
5. Plastic Drip pans are to be used at all fuel transfer sites where fuel is transferred.
6. Blue absorbent matting is to be used under any stationary machinery (e.g., generator-sets and drill engines)
7. Train personnel, especially those who will be operators, in proper fuel-handling and spill response procedures.

6.2 After the Fact: Mitigative Measures

1. First steps to take when a spill occurs:
 - a) Ensure your own safety and that of others around you, beginning with those nearest to the scene.
 - b) Control danger to human life, if necessary.
 - c) Identify the source of the spill.
 - d) Notify the Project Manager-Project Geologist, as soon as is practical; he in turn notifies the Response Co-coordinator (if a different individual).
 - e) Assess whether or not the spill readily can be stopped.
 - f) Contain or stop the spill at the source, if possible, by following these actions:
 - i. If filling is in progress, STOP AT ONCE.
 - ii. Close or shut off valves.
 - iii. Place plastic sheeting at the foot of the tank or barrel to prevent seepage into the ground or runoff of fuel.
2. Secondary steps to take:
 - a) Determine status of the spill event.
 - b) If not reported under 1. d), report incident and steps taken to the Project Manager and or the Project Geologist

- c) If necessary, pump fuel from a damaged and/or leaking tank or drum into a refuge container.
- d) Notify the 24-hour Spill Report Line, and receive further instructions from the appropriate contact agencies listed in Appendix (e.g., disposal of contaminated soil or ice/snow in sealed containers for removal from site, etc.).
- e) Complete and FAX a copy of the Spill Report
- f) Notify permitting authorities and the Lands Manager.
- g) If possible, resume cleanup and containment.

6.3 Fuel Spills on Land

"Land" may be defined as soil, gravel, sand, rock and vegetation. Advice on spill containment and cleanup may be obtained from the 24-Hour Spill Line.

6.3.1 Procedure for spills on rock

For hydrocarbon spills on rock outcrops, boulder fields, etc.:

1. Response Co-coordinator or his designate obtains plastic tarp(s) and absorbent sheeting on-site.
2. A berm of peat, native soil or snow is constructed down slope of the seepage or spill.
3. 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 drums for sealing and disposal later off-site.
4. Absorbent matting is placed on the rock to soak up spilled oil, petrol, etc.
5. Saturated matting is disposed of in an empty drum, which is then labeled and sealed. Alternatively, the matting may be wrung out into the empty drum(s); the drums marked and then secured for eventual disposal off-site.
6. The disposal container is then transported off-site.
7. Depending on the nature and volume of the spill, the 24-Hour Spill Line may be contacted after Step 4 or after Step 5.

6.3.2 Procedure for spills on land

1. Response Co-coordinator or his designate obtains plastic tarp(s), absorbent matting, and any other necessary spill containment equipment, pump, hoses, etc.
2. A berm of peat, native soil or snow is constructed down slope of the seepage or spill.
3. 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 drums, and dispose of product by transporting to a solid-waste disposal facility.
4. Petroleum-product sheening on vegetation may be controlled by applying a thin dusting of Spagh-Zorb or other ultra-dry absorbent to the groundcover.
5. Contact the 24-Hour Spill Line. Receive instruction from the appropriate contact agencies listed in Appendix regarding collection of the contaminated soil or vegetation, its removal and site cleanup/restoration.
6. Depending on the nature and volume of the spill, Response Co-coordinator or his designate implements the spill action plan.

6.4 Fuel Spills on Water

6.4.1 Procedure for spills on water

It is important to limit immediately the extent of spills. The following is the procedure to be implemented when an incident occurs:

1. If the spill is small, deploy hydrophobic (water repellent) absorbent pads (blue matting) on water. Hydrophobic pads readily absorb hydrocarbons. Alternatively, an ultra-dry absorbent designed for use on water-based spills may be deployed.
2. If the spill is larger, ready several empty drums to act as refuge containers for the spill.
3. Deploy containment booms on the water surface to "fence in" the spill area gradually and to prevent it from spreading. Keep in mind that environmental factors such as high winds and wave action can adversely affect attempts at spill cleanup.

4. Absorbent booms then can be deployed to encircle and then absorb any hydrocarbon spillage that may have escaped the containment boom.
5. Once a boom has been secured, a skimmer may be brought on-scene to aid in capture of the hydrocarbon; once captured; the product should be pumped to the empty fuel drums and held for disposal.
6. As soon as possible either during or after the incident, contact the 24-Hour Spill Line. (This will ensure government agencies are informed.)
7. If the spill is sufficiently large, and cannot be contained by rapid action of personnel present, contact the Mobile Environmental Response Unit for assistance. (Weather permitting, this unit can be flown to an emergency spill site within several hours.)

6.5 Fuel Spills on Snow and Ice

6.5.1 Procedure for spills on snow and ice

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

6.5.1.1 SPILLS ON SNOW

1. Assess the nature of the spill. Necessary equipment might include shovels, plastic tarp(s), and empty drums.
2. 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.
3. Either during or immediately after the incident, notify the 24-Hour Spill Line. Receive instructions on the preferred disposal method (e.g., storage in sealed drums, transport off-site for disposal) from the appropriate contact agencies listed in Appendix.

6.5.1.2 SPILLS ON ICE

Spills on ice are handled in similar fashion as those on snow. However, as ice presents the potential 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.

1. Construct a compacted-snow berm around the edge of the spill area.
2. 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.
3. Contact the 24-Hour Spill Line. Receive disposal instructions (e.g., sealing in drums, transport off-site, etc.) from the appropriate contact agencies listed in Appendix.
4. Where fuel or oil has escaped to the receiving waters, also contact the 24-hour emergency line of the Mobile Environmental Response Unit.

6.6 Procedure for Chemical Spills

1. Assess the hazard of the spilled material. Members of the camp emergency-response team who might be susceptible in certain situations, (such as asthmatics, where fumes or airborne particles are evident), should be replaced with alternates.
2. Assemble the necessary safety equipment before response, (e.g., latex or other protective gloves, goggles or safety glasses, masks or breathers, etc.).
3. Apply absorbent matting to soak up liquids.
4. Place plastic sheeting over solid chemicals, such as dusts or powders, to prevent their disbursement by wind, or investigation by birds or other mammals.
5. Neutralize acids or caustics. Place spilled material and contaminated cleanup supplies in an empty refuge drum and seal for disposal.
6. Contact the 24-Hour Spill Line. Receive instructions on disposal methods and designated locations from the appropriate contact agencies listed in Appendix.

NUNAVUT SPILL REPORT FORM

Figure 2



NWT SPILL REPORT

(Oil, Gas, Hazardous Chemicals or other Materials)

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

A Report Date and Time	B Date and Time of spill (if known)	C <input type="checkbox"/> Original Report <input type="checkbox"/> Update no. _____	Spill Number
D Location and map coordinates (if known) and direction (if moving)			
E Partly responsible for spill			
F Product(s) spilled and estimated quantities (provide metric volumes/weights if possible)			
G Cause of spill			
H Is spill terminated? <input type="checkbox"/> yes <input type="checkbox"/> no	I If spill is continuing, give estimated rate	J Is further spillage possible? <input type="checkbox"/> yes <input type="checkbox"/> no	K Extent of contaminated area (in square meters if possible)
L Factors effecting spill or recovery (weather conditions, terrain, snow cover, etc.)		M Containment (natural depression, dikes, etc.)	
N Action, if any, taken or proposed to contain, recover, clean up or dispose of product(s) and contaminated materials			
O Do you require assistance? <input type="checkbox"/> no <input type="checkbox"/> yes, describe:		P Possible hazards to person, property, or environment; eg. fire, drink water, fish or wildlife	
Q Comments or recommendations			<div style="border: 1px solid black; padding: 5px;"> FOR SPILL LINE USE ONLY </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> Lead agency </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> Spill significance </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> Lead Agency contact and time <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 5px;"></div> </div> <div style="margin-top: 10px;"> Is this file now closed? <input type="checkbox"/> yes <input type="checkbox"/> no </div>
Reported by	Position, Employer, Location		Telephone
Reported to	Position, Employer, Location		Telephone

NWT 1752/0202

TABLE 2

GUIDE TO REQUIRED ICE THICKNESS

ICE STRENGTH FOR TRAVEL

(expressed in inches and centimetres)

(weights and ice thickness measures rounded to nearest whole)

242,500lb. (121t)	= 50 inches (127cm)
154,000lb. (77t)	= 40 inches (102cm)
100,000lb. (50t)	= 32 inches (81cm)
55,000lb. (28t)	= 25 inches (64cm)
22,000lb. (11t)	= 15 inches (38cm)
17,600lb. (9t)	= 14 inches (36cm)
7,700lb. (4t)	= 10 inches (25cm)

ICE STRENGTH FOR STATIONARY LOADS

(expressed in inches and centimeters)

(weights and ice thickness measures rounded to nearest whole)

242,500lb. (121t)	= 90 inches (229cm)
154,000lb. (77t)	= 70 inches (178cm)
100,000lb. (50t)	= 60 inches (152cm)
55,000lb. (28t)	= 43 inches (109cm)
22,000lb. (11t)	= 30 inches (76cm)
17,600lb. (9t)	= 24 inches (61cm)
7,700lb. (4t)	= 18 inches (46cm)

TABLE 3

REQUIRED ICE THICKNESS FOR TYPICAL AIRCRAFT WEIGHTS

Transport Canada Industrial Standard

Table 3 below presents a numerical summary of the Transport Canada (1974) required fresh water ice thickness versus aircraft load from the AK-68-14-001 standard.

TABLE 3

AK-68-14-001 Transport Canada Standard

Weight – lb/kg	Weight - kN	Required Fresh-Water Ice Thickness (m/in)
10 000/4 545	44.5	0.33/13
30 000/13 640	133.5	0.58/23
67 000/30 400	300.0	0.90/35.5
135 000/61 360	600.0	1.27/50
800 000/364 000	3 570.0	3.20/126

(Source: Winter Operations Report 1995/96, Kennecott/Aber, Lac de Gras, by 669107 Alberta Ltd.)

TABLE 4

CONTENTS OF SPILL KITS – 2005

DRILLSITE-CAMPSITE – FERGUSON LAKE

Drill shack – Spill-Kit Drums – 2



A FRIEND TO THE ENVIRONMENT

M.E.P. ENVIRONMENTAL PRODUCTS LTD.

68 PARAMOUNT ROAD
WINNIPEG MANITOBA R2X 2W3
Phone 204-632-4118
Fax 204-632-5809

SK-Major.Midwest.Drilling.wpd

Emergency After Hours call 204-946-2054

MAJOR MIDWEST DRILLING MM-204-50 GAL OIL SELECT SPILL KIT

CONTENTS:

- 1 02U0526, Come in a 55 Gal. Poly DOT, approved open head drum with quick lock ring.**
- 2 12WOSB510SN, Hydrocarbon select containment boom 5" x 10' ea .**
- 1 WE150SM, Roll hydrocarbon select adsorbant blanket 19" x 144' x 3/8".**
- 1 Set of instructions.**
- 1 List of Contents.**

SPILL INSTRUCTIONS AND PROCEDURES

- EMPTY OUT DRUM.
- ENCIRCLE SPILL AREA WITH BOOM.
- RIP ROLL INTO PIECE SIZE AS NEEDED AND TOSS INTO CENTER OF BOOM TO ADSORB FLUID, RETRIEVE WHEN SATURATED AND PLACE IN DRUM. REPEAT IF NECESSARY.
- REMOVE BOOM AND PLACE IN DRUM.
- CONTACT YOUR ENVIRONMENTAL OR SAFETY OFFICER FOR CORRECT DISPOSAL PROCEDURE.

WITHOUT PREJUDICE NO LIABILITY

Fuel Storage Area – Transfer Stations

Movable Spill Kits -6



A FRIEND TO THE ENVIRONMENT

M.E.P. ENVIRONMENTAL PRODUCTS LTD.

68 PARAMOUNT ROAD
WINNIPEG MANITOBA R2X 2W3
Phone 204-632-4118
Fax 204-632-5809

SK-Major Midwest.30S.wpd

Emergency After Hours call 204-946-2054

ATTN: JOHN NICHOLSON

MAJOR DRILLING GROUP 30S OIL SELECT SPILL KIT

- 1 02U0510, 30 GAL POLY DOT APPROVED CONTAINER WITH QUICKLOK RING.
- 1 WB510SN, OIL SELECT WHITE ADSORBENT BOOM 5" X 10'.
- 1 SP19, OIL SELECT WHITE SPLIT ROLL 3/8" X 19" X 144'.
- 10 12SWP100H, OIL SELECT ADSORBENT PADS 17" X 19" X 3/8".
- 2 02TB3648L, DISPOSAL BAGS WITH TIES.
- 1 SET OF SPILL PROCEDURES AND INSTRUCTIONS.
- 1 LIST OF CONTENTS.

SPILL PROCEDURE & INSTRUCTIONS

- Encircle spill with adsorbent boom.
- Toss adsorbent pads onto spill.
- Retrieve pads, wring out into disposal bag and re-use if necessary.
- Place contaminated pads in disposal bag when done with them.
- Remove boom from around spill and place in disposal bag.
- Call your environmental officer for disposal instructions.

(WITHOUT PREJUDICE)
(NO LIABILITY)

TABLE 5

GENERAL Response Inventory – Ferguson Lake Camp – 2005

- Fire extinguishers (valid/recharged) in each structure: Survival tents, drill shack.
- Water pump and spare at drill shack; Ferguson Lake Lodge, hoses and fittings
- Hammers, assorted sizes, at Ferguson Lake Lodge and at drill shack
- Shovels and picks assorted sizes, at Ferguson Lake Lodge-Ski-doo shop.
- Assorted 10L plastic pails, at Ferguson Lake Lodge-Ski-doo Shop and at Helicopter operations shed.
- Ice auger (gas-powered) c/w extensions, at Ferguson Lake Lodge-Ski-doo shop.
- Plastic garbage bags (boxes of 100 each)-Ferguson Lake Lodge-Camp Muster Station
- Plastic tarps – assorted sizes-Ferguson Lake Lodge-Ski doo shop
- Extra bundles of absorbents, at Ferguson Lake Lodge Ski-doo shop and Major Shop
- Fuel-transfer pump at Ferguson Lake Lodge, Ferguson Lake Airstrip and at each drill shack.

7.0 GENERAL RESPONSE AND MAINTENANCE INFORMATION

7.1 General Equipment and Proximity

Equipment available to aid in spill response and remediation includes:

1. A helicopter can be dispatched to a drill site from the Ferguson Lake Lodge area within minutes.
2. Spill-response equipment is available from Rankin Inlet, 1.5 hours away by air, and or from Thompson, 4 hours away by air. Miscellaneous equipment at the Ferguson Lake Lodge area (see Table 4 above) also will be made available for spill response and cleanup, including hand tools, shovels (earth and snow), fire extinguishers, fuel transfer pumps, water pumps, miscellaneous hoses and fittings.
3. Personal including first aid attendant and clean up crews are available for immediate dispatch from the Ferguson Lake Lodge camp site.

8.0 RESPONDING TO FAILURES AND SPILLS

8.1 Spill-Response Team

Following is a list of personnel trained to respond to spill incidents, and their respective responsibilities:

Project Manager	John Nicholson - 2005 Ferguson Lake Worksite - latitude 62° 51' 30" and longitude 96° 55' 00" (Zone 14) MSAT Telephone (600) 700-7673 Globalstar Telephone (403) 987-0869 SRU phone (604) 515-0398 (Ferguson Lake) SRU fax (604) 515-4862 (Ferguson Lake)
Responsibilities	Assume authority over the spill scene and personnel involved. Activate the Contingency Plan. Report, or direct Response Co-coordinator (if a different individual) to report, the spill to the NWT 24-Hour Spill Report Line (867) 920-8130.

(Alternate) Project Manager

(when on site)

Brian Game – 2005

Ferguson Lake Worksite - latitude 62° 51' 30" and longitude 96° 55' 00" (Zone 14)

MSAT Telephone (600) 700-7673

Globalstar Telephone (403) 987-0869

SRU phone (604) 515-0398 (Ferguson

Lake)

SRU fax (604) 515-4862 (Ferguson

Lake)

Responsibility
absence.

Perform response duties of Project Manager, in his

Major Drill Foreman**Harold Hewlin/Doug Owens - 2005**

Major phone (604) 520-3496 (Ferguson Lake)

Major fax (604) 520-3496 (Ferguson Lake)

Responsibilities

Drill Forman may assume authority over the spill scene and personnel involved.

Environmental Advisers RESCAN Environmental Services Ltd.

RES phone (604) 689-9460 (Vancouver)

RES fax (604) 687-4277 (Vancouver)

Contact Latisha Heilman/Francois Landry

Responsibilities

Adviser provides expert advice on environmental/logistical cleanup requirements.

Each/both may provide assistance in developing any required testing or monitoring program, or in activating an existing program. Each/both may recommend preventive measures.

APPENDIX 1: CONTACT LIST**Contact Telephone Numbers**

Emergency Spill Hotline

**(867)920-8130 (ph)
(867)873-6924 (fax)**

**Starfield Resources
Vancouver Office**

(604)608-0400 (ph)

	(604)608-0344 (fax)
Ferguson Lake Project	(604)515-0398 (ph) (604)515-4862 (fax)
Rankin Inlet Office	(867)645-4252 (ph)
Major Drilling Flin Flon Office	(204)687-3483 (ph) (204)687-5739 (fax)
Workers Compensation Board	(867)669-4409 (ph) (867)873-0262 (fax)
John Nicholson Brian Game	(604)786-9095 (ph) (604)671-2646 (ph)
RCMP (Rankin Inlet)	(867)645-1111 (ph)
Kivalliq Inuit Association (Rankin Inlet)	(867)645-2810 (ph) (867)645-3855 (fax)
INAC Resource Management-Kivalliq	(867)645-2831 (ph)
Ministry of Environment (Rankin Inlet)	(867)645-8083 (ph) (867)645-8085 (fax)
Department of Fisheries and Oceans	(867)645-2871 (ph)
Nunavut Impact Review Board	(867)983-2593 (ph)
Nunavut Water Board	(867)360-6338 (ph) (867)360-6369 (fax)
DIAND Water Resources Inspector	(867)975-4298 (ph)

CONTACT LIST–SPILL RESPONSE / ASSISTANCE

Ken Borek Air (Rankin Inlet)	(867)645-2535 (ph)
Missinnippi Air (Thompson)	(204)679-1370 (ph)

M&T Enterprises (Rankin Inlet)

(867)645-2778 (ph)

(867)645-2058 (ph)

Baker Lake Contractors (BLCS)

(867)793-2831 (ph)

(867)793-2577 (fax)

APPENDIX 2: MATERIAL SAFETY DATA SHEETS (MSDS)

(See MSDS in attached document)

MATERIAL SAFETY DATA SHEETS

STARFIELD RESOURCES FERGUSON LAKE CAMP (see MSDS Sheets on accompanying CD)

- Bounce
- Cascade
- Cheer
- Clorox
- Comet with Beach
- Comet Cleaner with Clorinoll
- Oven Cleaner
- Light Distillate
- Middle Distillate
- Gas Unleaded
- Heating Oil (P-50)
- Kerosene Oil
- Lysol Disinfectant Spray
- Markel Sharpie
- Moth Balls
- Propane (oderized)
Oxygen
- Spic and Span floor cleaner with bleach
- Spic and Span Glass Cleaner
- Spic and Span heavy duty degreaser
- Spray Paint
- Liquid Tide with Bleach
- Windex Glass Cleaner

MAJOR DRILLING FERGUSON LAKE PROJECT (see MSDS Sheets on accompanying CD)

- Deep Woods Off

- Dexron
- Dexron III Mercon
- Deisel Fuel-ESSO
- EZ-MUD
- Gasoline
- Hydraul 50
- Hydraul 56
- Hydrex 100
- Marvel lube WR2
- Mobil Synthetic
- Moly 2
- Moly Grease
- Poly Drill 133-x
- Poly Drill 1300
- Calcium Chloride Flake
- Lafarge FONDU
- Gasline Antifreeze
- Laudry Detergent
- Poly Drill OBX
- WD-40
- Petro Canada Antifreeze
- Petro Canada Chain Oil
- Petro Canada Dexron III
- Petro Canada Diesel Fuel
- Petro Canada Gasline Antifreeze
- Petro Canada Gasoline
- Petro Canada Gear Oil
- Petro Canada Hydraulic Oil
- Petro Canada Jet-B
- Petro Canada Oil
- Petro Canada Rod Grease
- Petro Canada Snowmobile Oil
- Univis N-22