SPILL CONTINGENCY PLAN

FERGUSON LAKE PROJECT

FERGUSON LAKE, NU

STARFIELD RESOURCES INC.

Initial Submission: 28 February 2005

First Revision: 30 September 2005

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1.0 INTRODUCTION

"Starfield Resources Inc will conduct all activities in compliance with applicable legislation and other requirements, providing for the protection of the environment, employees and the public."

The Ferguson Lake Spill Contingency Plan of Starfield Resources Inc. (SRU), which is found on the following pages, shall be in effect from the current date (April 2005) until the end of April 2007, and is subject to such revisions as may be necessitated by future programs. The Ferguson Lake Project, which, in its current form, commenced in Spring 1999, is comprised of 13 Ferg Claims and 1 FL Claim. All claims are in good standing and are 100% owned by Starfield Resources. The current program will utilize the Ferguson Lake Lodge facilities as a base of operations. Transportation to and from the job site will utilize Ski-doo and or Snowcats in the winter months whilst in the summer months transportation will be provided by a BELL-407 medium lift helicopter.

Approximate co-ordinates of the Ferguson Lake Property are: latitude 62° 55' 00" – 62° 48' 00" and longitude 97° 10' 00" – 96° 40' 00" with the center of the block at latitude 62° 51' 30" and longitude 96° 55' 00". The claims are situated on NTS map sheets 65I/14 and 65I/15.

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, equal in importance to the exploration program itself. This Contingency Plan will be posted in the Ferguson Lake Lodge, Drill Shack(s) and will be distributed to supervisory personnel for dissemination 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 (SURVIVAL TENTS AND DRILLSHACK)

3.1 Facility Description

Facilities that will be utilized for the 2005 drill programme will consist of the Ferguson Lake Lodge, which is capable of accommodating adequately 25-30 persons year round. 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. All core logging facilities and work shops are located within the confines of the grounds encompassing the Ferguson Lake Lodge.

At each drill site a heated survival shack will be sited, with Schedule 1 and Schedule 2 first-aid supplies, as required by the NWT-NT WCB under the Mine Health and Safety Regulations, adequate food for 2 men for a week, satellite phone, portable FM radio and a generator-parts shack. Copies of this Contingency Plan, Material Safety Data Sheets (MSDS), will be present at Starfield Resources and Major Drillings Ferguson Lake offices.

At each drill site a drill shack and drill will be sited. A full-sized spill-kit drum (Table 4) will be available at the drill shack and at the fuel-storage area. Once drilling has been completed at the drill site, the drill and the drill shack will be removed by the drilling contractor, Major Drilling utilizing a BELL-407 medium lift helicopter supplied by Northern Air Support.

Fuels will be stored in caches no larger than 10 drums (diesel). Extra absorbent pads will be on hand wherever fuel is transferred, as well as under stationary equipment. All fuel as required by Environment Canada will be contained within secondary pans.

Starfield and or Major personnel will be present at mobilization and demobilization of fuel to ensure supply/replenishment of items in the spill-response inventory (Table 5) and to ensure final site cleanup and removal of all materials.

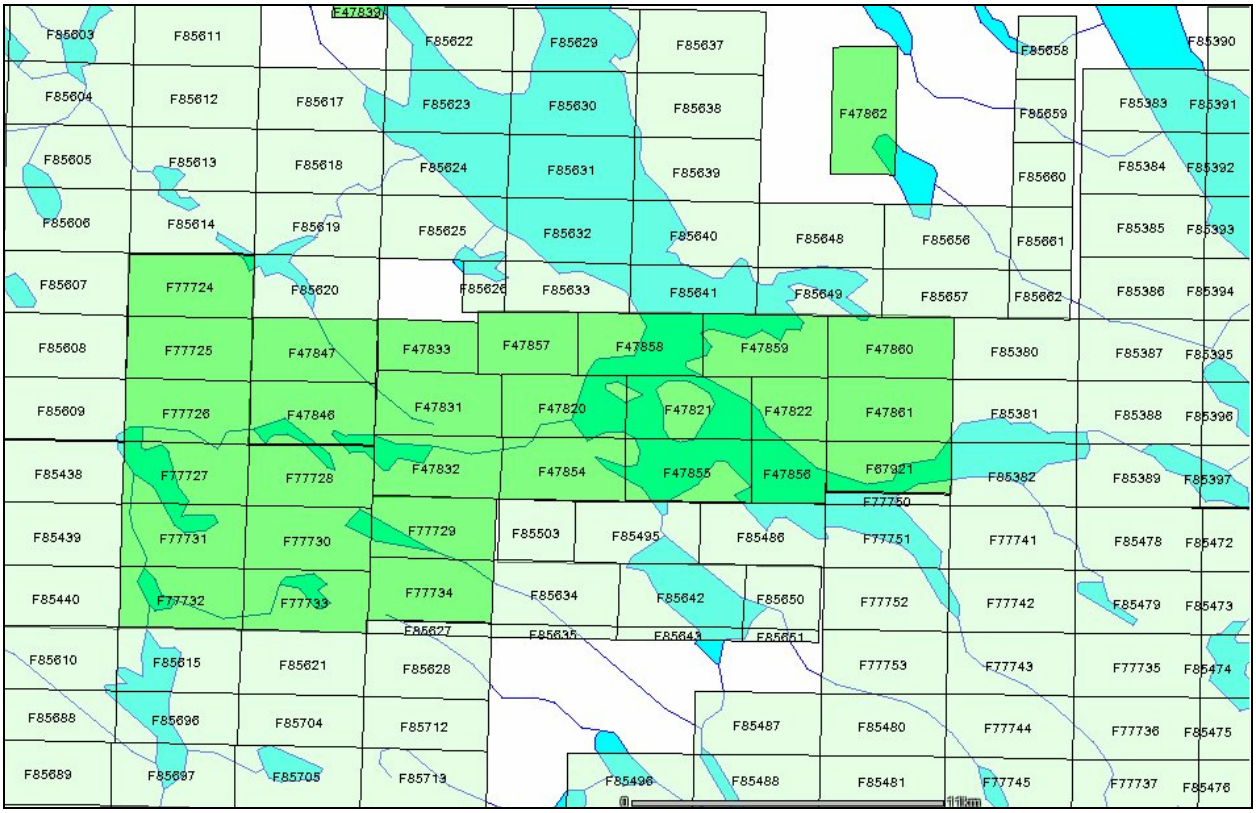

Figure 1a

Outline of the Ferg and FL claim blocks in dark green owned by Starfield Resources. Claims in light green are claims recently applied for by Starfield Resources.

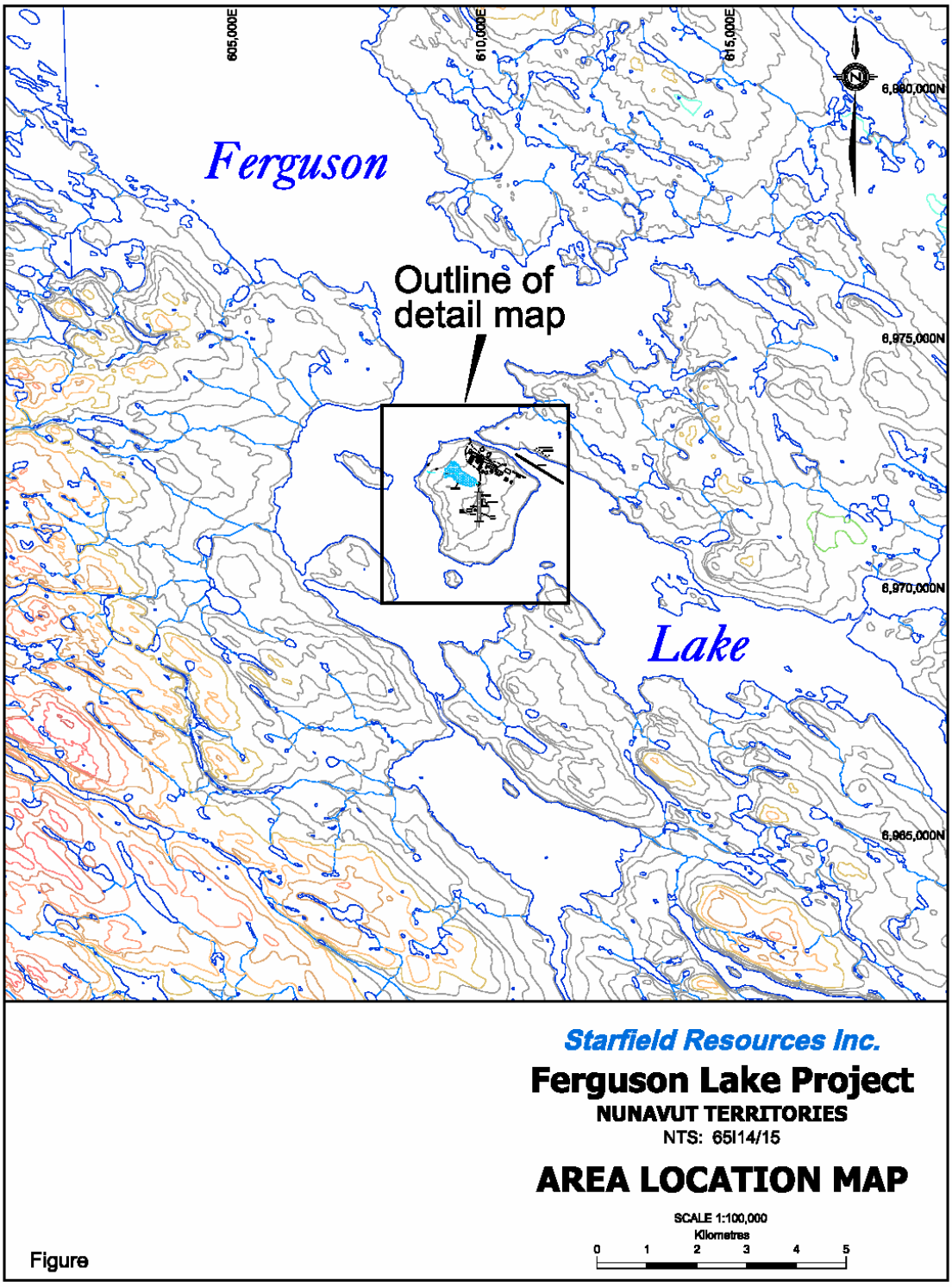
605,000E
610,000E
615,000E
6,980,000N
6,975,000N
6,970,000N
6,965,000N
Ferguson
Outline of
detail map
Lake
Starfield Resources Inc.
Ferguson Lake Project
NUNAVUT TERRITORIES
NTS: 65I14/15
AREA LOCATION MAP
SCALE 1:100,000
Kilometres
0 1 2 3 4 5
Figure

Figure 1b

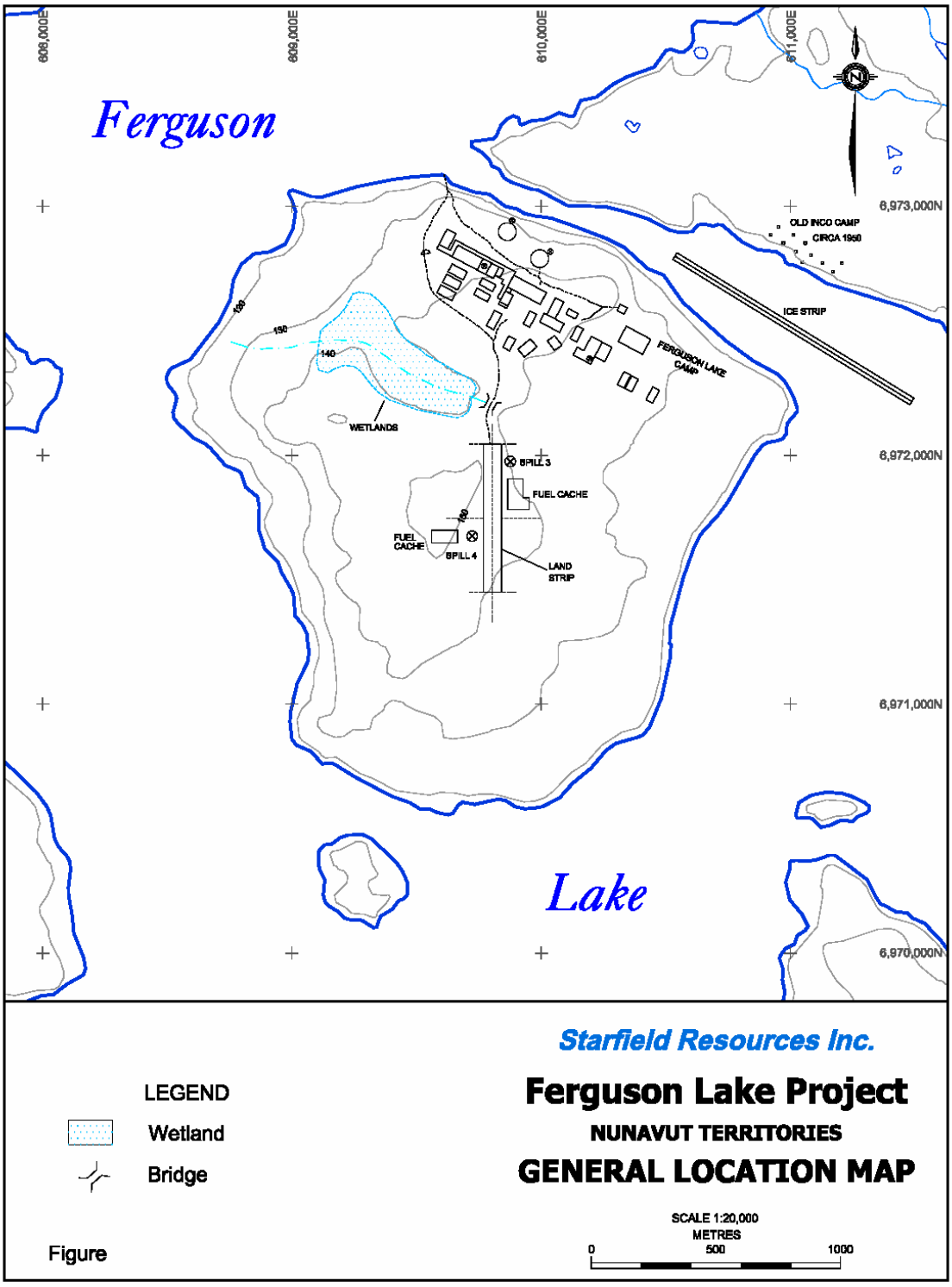
608,000E
609,000E
610,000E
611,000E
Ferguson
Lake
6,973,000N
6,972,000N
6,971,000N
6,970,000N
OLD INCO CAMP
CIRCA 1960
ICE STRIP
FERGUSON LAKE CAMP
WETLANDS
SPILL 3
FUEL CACHE
FUEL CACHE
SPILL 4
LAND STRIP
LEGEND
Wetland
Bridge
Figure
Starfield Resources Inc.
Ferguson Lake Project
NUNAVUT TERRITORIES
GENERAL LOCATION MAP
SCALE 1:20,000
METRES
0
500
1000

Figure 1c

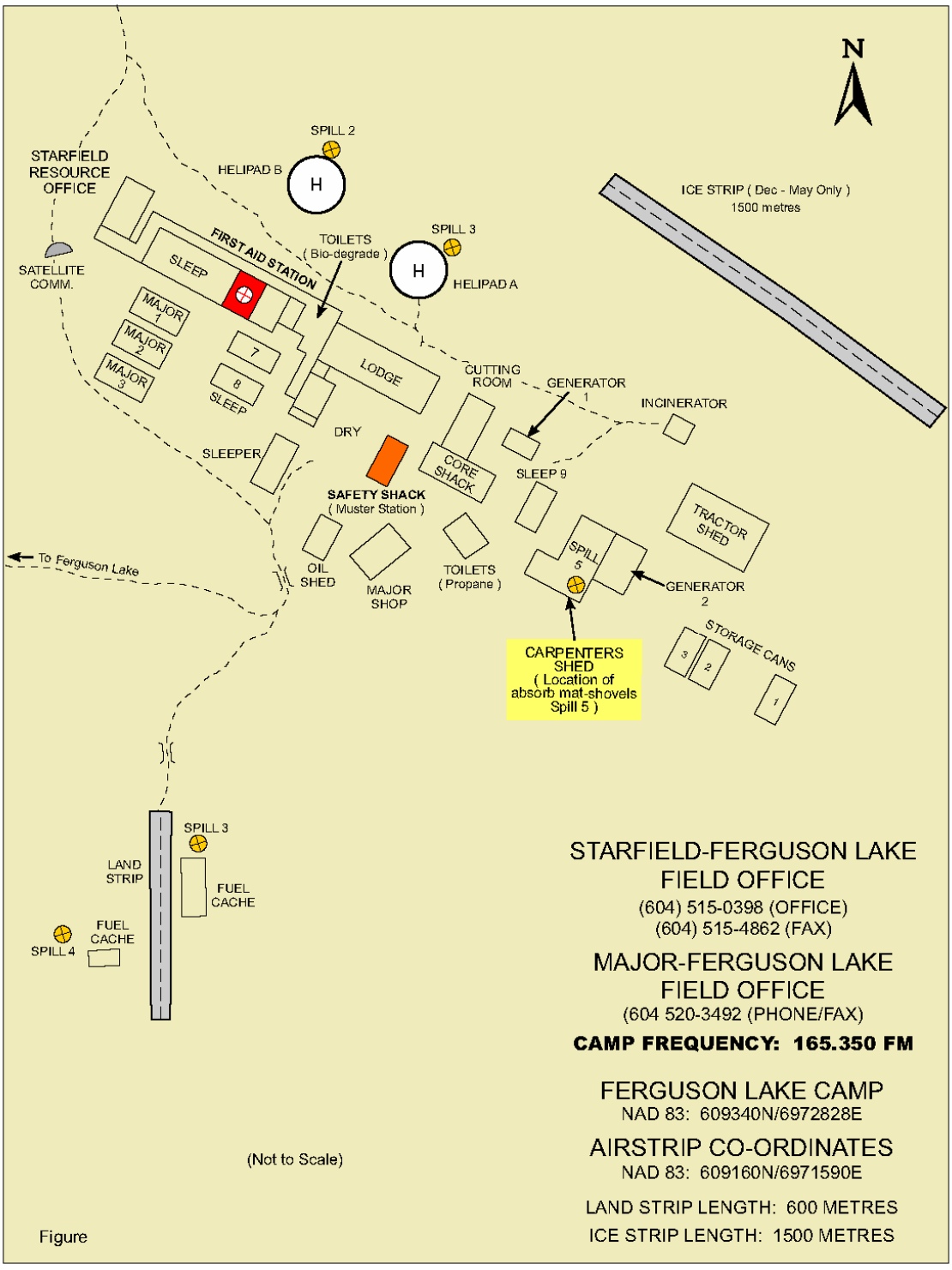
N
STARFIELD RESOURCE OFFICE
SATELLITE COMM.
SPILL 2
HELIPAD B
H
TOILETS (Bio-degrade)
SPILL 3
H
HELIPAD A
ICE STRIP (Dec - May Only)
1500 metres
FIRST AID STATION
SLEEP
MAJOR 1
MAJOR 2
MAJOR 3
7
8
SLEEP
LODGE
CUTTING ROOM
GENERATOR 1
INCINERATOR
DRY
SLEEPER
SAFETY SHACK
(Muster Station)
CORE SHACK
SLEEP 9
TRACTOR SHED
To Ferguson Lake
OIL SHED
MAJOR SHOP
TOILETS (Propane)
SPILL 5
GENERATOR 2
STORAGE CANS
3
2
1
CARPENTERS SHED
(Location of absorb mat-shovels Spill 5)
SPILL 3
LAND STRIP
FUEL CACHE
FUEL CACHE
SPILL 4
(Not to Scale)
STARFIELD-FERGUSON LAKE FIELD OFFICE
(604) 515-0398 (OFFICE)
(604) 515-4862 (FAX)
MAJOR-FERGUSON LAKE FIELD OFFICE
(604 520-3492 (PHONE/FAX)
CAMP FREQUENCY: 165.350 FM
FERGUSON LAKE CAMP
NAD 83: 609340N/6972828E
AIRSTRIP CO-ORDINATES
NAD 83: 609160N/6971590E
LAND STRIP LENGTH: 600 METRES
ICE STRIP LENGTH: 1500 METRES
Figure

Figure 1d

3.2 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 are obliged to acquaint worksite staff with Company policies, procedures and health and safety issue. To further ensure the safety of the camp and work facilities, a full time First Aid Attendant as required by NWT-NT WCB and a full time Helicopter is maintained on site. As well, the Starfield-Major (Ferguson Lake Camp) operates under a dry camp policy.

In advance of arrival to site all personal are adequately prepared for harsh Arctic conditions and are outfitted with Arctic clothing as deemed necessary. Upon arrival all personal are given an overview of the exploration program, and are required to familiarize themselves with the Spill Contingency Plan and their respective assigned roles, if applicable and the camp general. Site personnel are trained in the areas of environmental awareness, site safety, and petroleum-handling and spill response personal are trained in WHMIS and all personal are required to have been trained in basic first-aid and CPR. All drill foreman's, drill supervisors and project management personal are required to hold either Supervisor Level I or Level II certificates from WCB as set out under the NWT-NT WCB Mine Health and Safety regulations.

4.0 FUEL AND CHEMICAL PRODUCT TRANSPORT AND STORAGE

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 by fixed wing aircraft. All fuel on site is cached in 100 barrel allotments with the source of fuel, date of fuel arrival and ownership of fuel clearly marked on the barrels. All fuel is cached according to fuel types. All fuel is cached proximal to the Ferguson Lake airstrip centrally located on Ferguson Island. The caches are all located on well drained and sorted gravels and are approximately 1500-2000 meters in any direction from the nearest source of water, that being Ferguson Lake. All propane is stored in storage racks of 50 cylinders each. All propane cylinders are racked and chained in place. All cylinders are stored standing up.

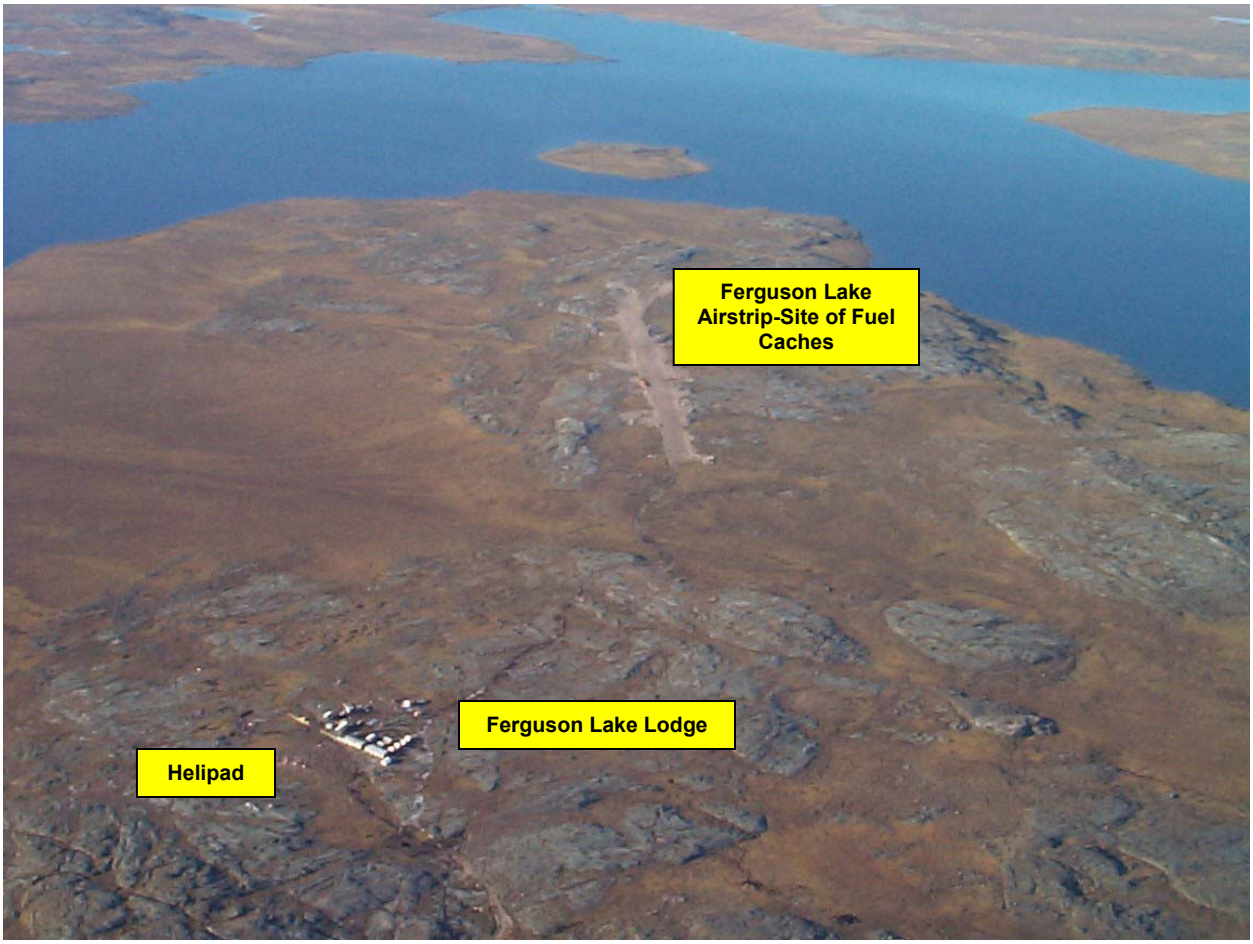

Figure 1e:

Showing Ferguson Lake Camp and Ferguson Lake Airstrip-Site of Fuel Caches

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.

A cache of 20-205L drums of Jet-B will be stored on land near the Ferguson Lodge at the helipad for the purposes of Helicopter re-fueling. All drums are sealed and clearly marked. All Jet-B drums will be positioned close to the helipad area and 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).

Diesel drums along with Jet-B and Gasoline drums located at the Ferguson Lake Airstrip 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.

It is anticipated that a total of 500-700 drums of diesel, 350-500 drums of Jet-B, 100 45kg cylinders of propane and 25 drums of petrol for the skidoos and Honda Quads will be required. Absorbent padding will be kept on hand for all fuel transfers. Usage of engine oil (for stationary and mobile equipment such as the helicopter, skidoos and Honda Quads), along with gear lubricants, cleaners and drill-equipment greases is expected to total approximately 250-300 liters. Items that will be included will be as follows: (Table 1).

TABLE 1

Projected Fuel and Oil Use for 2005 Exploration Activities

Inventory Items	# Items	Volume
Diesel Fuel	500-700	102,250-143,500
Jet-B Aviation Fuel	350-500	71,500-102,250
Unleaded Petrol (Gasoline)	25	5,125
Oils/Lubricants	25	250
Cleaners	24	24
Propane	100	4500kg
Oxygen (Welding and Medical)	3	135kg
Acetylene	4	180kg
Total Volume – Litres:		179,149-251,149 L
Total # of Cylinders:	107	4815kg

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.

Drilling from ice: Best practice

Driving the casing invariably is a messy (visually untidy) but benign operation. Although drilling from ice is accomplished by means of a closed-circuit system, wet sediments brought to surface may drip onto the ice surrounding the drill. Dribblings of fuel and oil from the drill, heater, compressor(s), etc., occasionally may collect on ice during a shift, even when drip pans are placed under equipment, but easily are absorbed by snow, and, if required, by ultra-dry commercial absorbent. Drill sites are marked with flags and pickets prior to drilling, and this enables easy visual location of drill sites after move-off. Scraping and/or steaming removes all such material, and removed material is then bagged and transported by snow machine or other vehicle to a containment area (sump or depression) on shore. After drill site cleanup, no debris will remain on the ice.

No material or equipment not required for immediate use is to be stored by the company or its contractors on the surface ice of lakes or other waterbeds. Material or equipment so placed (e.g., survey stakes, fuel, timbers, pipe racks, drill sheds, and the like) is to be placed on ice of sufficient thickness (see attached Table 2) and removed promptly once temporary use has ceased.

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

Northwest Territories

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 ☐ Original Report ☐ 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? ☐ yes ☐ no	I If spill is continuing, give estimated rate	J Is further spillage possible? ☐ yes ☐ 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? ☐ no ☐ yes, describe:	P Possible hazards to person, property, or environment; eg: fire, drink water, fish or wildlife		
Q Comments or recommendations		FOR SPILL LINE USE ONLY Lead agency Spill significance Lead Agency contact and time Is this file now closed? ☐ yes ☐ no	
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 centimetres)

(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

ATTN: JOHN NICHOLSON

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

MAJOR DRILLING GROUP 30S
OIL SELECT
SPILL KIT

1	02U0510, 30 GAL POLY DOT APPROVED CONTAINER WITH QUICKLOK RING.
1	WB510SN, OIL SELECT WHITE ADSORBANT 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, drillshack.

- 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 TRAINING AND PRACTICE

8.1 Training and Practice Drills

All members of Starfield Resources and Major Drilling – will be familiar with the spill-response resources at the Ferguson Lake worksite (including their location and how to access them), this Contingency Plan, and appropriate spill-response methods. Involvement of other personnel may be required, from time to time. This familiarity will be acquired through:

1. Initial or refresher training (practice drills), as appropriate, provided once per field season.

2. Regular inventory updates, provided in list form to all team members and to the Vancouver office. Information to be reported includes listing of all resources, number of items, their location, condition, date of last inspection and any special comments (such as expiry dates, under whose authority they may be accessed and special handling instructions, if any).

9.0 RESPONDING TO FAILURES AND SPILLS

9.1 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 Perform response duties of Project Manager, in his absence.

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	**(604)786-9095 (ph)**
Brian Game	**(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 on accompanying CD)

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