STRONGBOW
exploration inc.

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May 13, 2004

Phyllis Beaulieu
Licensing Administrator
Nunvaut Water Board
P.O. Box 119
Gjoa Haven, Nunavut
X0B 1J0

Re: New Application for Water License

Dear Ms. Beaulieu,

Please find enclosed a water license application form (4 pages) covering proposed activities on the Wales Island Project, by Strongbow Exploration Inc., previously known as Navigator Exploration Corp. Please find included a Supplementary Questionnaire (6 pages), a Program Summary in English (1 page), a Program Summary in Inuktitut (2 pages), a 1:250,000 scale map (1 page), a copy of our Spill Response Plan (4 pages), and relevant MSDS sheets (19 pages).

Nearby kimberlite discoveries at Repulse Bay and Igloolik on the neighboring peninsula in 2002/03 generated interest in Wales Island. Strongbow (then known as Navigator) acquired ten prospecting permits covering the island (permit numbers 4952-4961) totaling ~269,800 acres. The Wales Island Project comprises two parts: the northern part is entirely within IOL parcel HB-14 and is not part of this application. The southern part of the island, entirely within Crown Lands, is the subject of this application and will be explored using a low impact reconnaissance program. Proposed exploration activities include prospecting, till sampling, and ground geophysics as an initial reconnaissance program with extremely limited environmental impact.

Diamond drilling of 5-10 short (<100m) holes using a very lightweight, helicopter portable, small diameter (1.5"-2"), drill rig is also proposed. The drill contractor and precise drill equipment have not yet been established, but would be similar to those in common use throughout Nunavut for mineral exploration with a maximum of 7 persons on-site for 24 days. The property and possible drill hole locations are shown in Figure 1 of the attached application. The drill crew would be based at a camp site outside the permit area. Activities would ideally be undertaken during the late summer of 2004 (July to August), but logistical and budgetary considerations may require that work be postponed until later in the year, or possibly 2005/2006.

If you have any questions regarding the attached application or require additional information, please feel free to contact either myself or Robin Hopkins at (604) 668-8355 or email info@strongbowexploration.com.

Yours truly,
STRONGBOW EXPLORATION INC.

Janet Miller

Enclosures: Two Cheques for $30 (Application Fee, and Water Use Fee), Water License Application (4 pages), Supplementary Questionnaire (6 pages), Program Summary in English (1 page), Program Summary in Inuktitut (2 pages) 1:250,000 scale map (1 page), Spill Response Plan (4 pages), MSDS sheets (19 pages).

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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI

WATER LICENCE APPLICATION FORM

Application for: (check one)

☑ **New** ___ **Amendment** ___ **Renewal** ___ **Assignment**

LICENCE NO:
(for NWB use only) NWB2

1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE

Strongbow Exploration Inc.
1300-409 Granville St.
Vancouver, BC V6C 1T2

Phone: *(604)668-8355*
Fax: *(604)668-8366*
e-mail: *info@strongbowexploration.com*

2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)

Same as Left. Please note that Navigator Exploration Corp. has recently changed its name to ***Strongbow Exploration Inc.***

Phone: _____
Fax: _____
e-mail: _____

3. LOCATION OF UNDERTAKING (describe and attach a topographical map, indicating the main components of the Undertaking)

Please see attached map (scale 1:250,000)

Latitude: 67.75° to 68.078° Longitude: -86.968° to -86.339°
NTS Map Numbers 47B03, 46M15, 16

4. DESCRIPTION OF UNDERTAKING (attach plans and drawings)

The proposed exploration activities are limited till sampling, prospecting, ground geophysics, and diamond drilling on Wales Island, west of the Melville Peninsula, 149km north of Repulse Bay. In the event that drilling ~ 5-10 short (<100m) holes is undertaken, a very lightweight, helicopter portable, small diameter (1.5"-2"), drill rig will be used. All drill core will be racked and stored off site, and flown to Yellowknife upon completion of the project. All materials will be removed from the drill site upon completion of the hole. The exact location of these holes will be determined when all available data has been analyzed, however approximate locations are shown on the attached Figure 1.

5. TYPE OF UNDERTAKING (A supplementary questionnaire must be submitted with the application for undertakings listed in **"bold"**)

___ Industrial
___ **Mine Development**
___ **Advanced Exploration**
_☑_ **Exploratory Drilling**
___ **Remote/Tourism Camps**
___ **Municipal**
___ Power
___ Other (describe) *Till sampling, Prospecting and Ground Geophysics*

6. WATER USE

_☑ To obtain water
___ To modify the bed or bank of a watercourse
___ To alter the flow of , or store. water
___ To cross a watercourse
___ To divert a watercourse
___ Flood control
___ Other (describe):

7. QUANTITY OF WATER INVOLVED (litres per second, litres per day or cubic metres per year, including both quantity to be used and quality to be returned to source)

The drill will likely recycle 10 to 15,000 litres per day and will be accompanied by a "Poly Drill" or similar filtration system to treat return water to pristine conditions. Other exploration activities do not require more than personal consumption levels of water(~10L/day per person).

8. WASTE (for each type of waste describe: composition, quantity, methods of treatment and disposal, etc.)
Please note this permit does not cover camp activities, which will be based at the Lupin mine site.

_*N/A*_ Sewage
_see below _ Solid Waste
*_see below_* Hazardous
*_see below_* Bulky Items/Scrap Metal
___ Waste oil
__N/A _ Greywater
*_see below_* Sludges
Other (describe)_____

All garbage (solid waste) will be removed for incineration or disposal at an appropriate facility in Repulse Bay, Yellowknife, or another community.

Any on ice drill cuttings (sludges) will be scraped clean and removed to an on-land sump.

All scrap material (scrap metal) and equipment will be returned to Yellowknife, Repulse Bay, or another community. Fuel drums will be returned to a local agent for proper treatment.

9. PERSONS OR PROPERTIES AFFECTED BY THIS UNDERTAKING (give name, mailing address and location; attach if necessary)

Land Use Permit

DIAND ___ Yes _☑_ No If no, date expected *Permit is pending*___

Regional Inuit Association ___ Yes ___ No If no, date expected _____
Drilling activities will not occur within IOL lands HB-14

Commissioner ___ Yes ___ No If no, date expected _____

10. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES (direct, indirect, cumulative impacts, etc.)

NIRB Screening ___ Yes _☑_ No If no, date expected *Concurrent with DIAND Application*

11. INUIT WATER RIGHTS

Will the project or activity substantially affect the quality, quantity, or flow of water flowing through Inuit Owned Lands and the rights of Inuit under Article 20 of the Nunavut Land Claims Agreement?

No, as the drilling is limited in both time and space and requires no alteration of water flow or amounts. There should not be any appreciable difference in water flow through Inuit Owned Lands.

11. (Continued)

If yes, has the applicant entered into an agreement with the Designated Inuit organization to pay compensation for any loss or damage that may be caused by the alteration. If no compensation agreement has been made, how will compensation be determined?

12. CONTRACTORS AND SUB-CONTRACTORS (name, address and functions)

Drilling, geophysical and aircraft contractors are selected annually. Numbers will vary, however most likely there will be 1-2 project geologists from Strongbow, a pilot, and 4 to 5 contractors. Fixed wing support will be variable and temporary. There are no camp activites related to this application.

13. STUDIES UNDERTAKEN TO DATE (list and attach copies of studies, reports, research, etc.)

No formal studies or research have been undertaken as this is the first year of work on the property.

14. THE FOLLOWING DOCUMENTS MUST BE INCLUDED WITH THE APPLICATION FOR THE REGULATORY PROCESS TO BEGIN

Supplementary Questionnaire (where applicable: see section 5) ☑ Yes ___ No
Inuktitut/English Summary of Project ☑ Yes ___ No
Application fee $30.00 (c/o of Receiver General for Canada) ☑ Yes _ No

15. PROPOSED TIME SCHEDULE

___ Annual (or) _☑_ Multi Year

Start Date: July 1, 2004 Completion Date: July 1, 2006

Janet L. P. Miller	Geologist		Mar 13/04
Name (Print)	**Title (Print)**	**Signature**	**Date**

For Nunavut Water Board use only		
APPLICATION FEE	**Amount: $_____**	**Receipt No.:**
WATER USE DEPOSIT	**Amount: $_____**	**Receipt No.:**

P.O. Box 119
Gjoa Haven, NT X0E 1J0 kNK5 wmoEp5 vtmpq
Tel: (867) 360-6338 NUNAVUT WATER BOARD
Fax: (867) 360-6369 NUNAVUT IMALIRIYIN KATIMAYINGI

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: Strongbow Exploration Inc. **Licence No:** _____
(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: *Janet Miller* Tel: *(604)668-8355* Fax: *(604)668-8366*
   E-mail: *info@strongbowexploration.com*
2. Project Manager: *Robin Hopkins* Tel: *604-668-8355*
   Fax: *604-688-8366* E-mail: *info@strongbowexploration.com*
3. Does the applicant hold the necessary property rights?
   Yes
4. Is the applicant an 'operator' for another company (i.e., the holder of the property rights)? If so, please provide letter of authorization.
   No
5. Duration of the Project
   [ ] Annual [☑] Multi Year:
   If Multi-Year indicate proposed schedule of on site activities
   Start: July 1, 2004 Completion: July 1, 2006

CAMP CLASSIFICATION

6. Type of Camp
   No camp will be set up.
   [ ] Mobile (self-propelled)
   [ ] Temporary
   [ ] Seasonally Occupied: _____
   [ ] Permanent
   [ ] Other: _____

7. What are the design population of the camp and the maximum population expected on site at one time? What will be the fluctuations in personnel?
8. *Within the property temporary manpower will likely not exceed seven (7) people, and commonly will be three (3) people.*

8. Provide history of the site if it has been used in the past.
N/A

CAMP LOCATION

9. Please describe proposed camp location in relation to biogeographical and geomorphological features, and water bodies.

No camp will be set up.

10. How was the location of the camp selected? Was the site previously used? Was assistance from the Regional Inuit Association Land Manager sought? Include maps and/or aerial photographs.

No camp will be set up.

11. Is the camp or any aspect of the project located on:
[**X**] Crown Lands Permit Number (s)/Expiry Date: *Pending*
[ ] Commissioners Lands Permit Number (s)/Expiry Date: _____
[ ] Inuit Owned Lands Permit Number (s)/Expiry Date: *Not part of this application*
Drilling will only be carried out in the southern region of Wales Island, outside of the IOL lands

12. Closest Communities (distance in km):
Repulse Bay, 149 km S
Igloolik, 240km NE

13. Has the proponent notified and consulted the nearby communities and potentially interested parties about the proposed work?

Not yet, as the project is still in planning stages.

14. Will the project have impacts on traditional water use areas used by the nearby communities? Will the project have impacts on local fish and wildlife habitats?

No

PURPOSE OF THE CAMP

15. ○ Mining
○ Tourism (hunting, fishing, wildlife observation, adventure/expedition, etc.)
(Omit questions # 16 to 21)
○Other _____ (Omit questions # 16 to 22)

16.
○ Preliminary site visit
☑ Prospecting
○ Geological mapping
☑ Geophysical survey
☑ Diamond drilling
○ Reverse circulation drilling
○ Evaluation Drilling/Bulk Sampling (also complete separate questionnaire)
○ Other: _____

17. Type of deposit:
○ Lead Zinc

- ☑ Diamond
- ○ Gold
- ○ Uranium
- ○ Other: _____

DRILLING INFORMATION

18. Drilling Activities
    - ☑ Land Based drilling
    - ☑ Drilling on ice

19. Describe what will be done with drill cuttings?

Cuttings will be pumped to sumps and backfilled upon completion. Any on-ice cuttings will be scraped clean and removed to an on-land sump

20. Describe what will be done with drill water?

Drill water will be re-circulated, but some will be lost in the rock face. The drill will be accompanied by a "Poly Drill" or similar filtration system to treat return water where applicable.

21. List the brand names and constituents of the drill additives to be used? Includes MSDS sheets and provide confirmation that the additives are non-toxic and biodegradable.

Polydrill 550, 133 (MSDS sheets to follow)

22. Will any core testing be done on site? Describe.

No

SPILL CONTINGENCY PLANNING

23. Does the proponent have a spill contingency plan in place? Please include for review.

Yes, please see attached

24. How many spill kits will be on site and where will they be located?

Two spill kits will be on site. One will be located at the main fuelling station off site , and a second will be located at the drill site.

25. Please describe the types, quantities, and method of storage of fuel and chemicals on site, and provide MSDS sheets.

Fuels	( )	Number of containers	Capacity of containers	Method and Location of Storage
Diesel		2	205 Litres (drum)	Drums and propane will be temporarily stored at the drill site more than 50m from the high water mark, if on land.

Aviation fuel	Jet B	2	205 Litres (drum)	
Propane		1	45 Kg (100lb)	
Other	Oil	Several cases of 4 cycle engine oil	1 Liter each (24/case)	At each drill site.

Drums will not be stored on site for a period exceeding four days, more permanent storage will be in an appropriate facility off site. MSDS sheets are attached.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.

Water sources will be lakes proximal to the drill sites of sufficient size that the drilling activities will not substantially affect water levels.

27. Estimated demand (in L/day * person):

☑ Domestic Use: *10 litres/day (personal consumption)* Water Source: *Lakes proximal to work area*
☑ Drilling Units: *10-15,000 litres/day* Water Source: *Lakes proximal to drill site*
○ Other: _____ Water Source: _____

28. Describe water intake for camp operations? Is the water intake equipped with a mesh screen to prevent entrapment of fish? Describe:

Drilling will utilize a small supply pump with screened supply end of sufficient mesh size to prevent fish or other items becoming entrapped.

29. Will drinking water quality be monitored? What parameters will be analyzed and at what frequency?

No

30. Will drinking water be treated? How?

No

31. Will water be stored on site?

No

WASTE TREATMENT AND DISPOSAL

32. Describe the characteristics, quantities, treatment and disposal methods for:
    ○ Camp Sewage (blackwater) –
N/A

    ○ Camp Greywater –
N/A

☑ Solid Waste -
Garbage will be returned to camp to be incinerated, any unburnable items will be backhauled to Yellowknife or Repulse Bay for proper disposal.

☑ Bulky Items/Scrap Metal –
Items will be backhauled to Yellowknife or Repulse Bay for proper disposal

☑ Waste Oil/Hazardous Waste –
Waste oil will be backhauled to Yellowknife or Repulse Bay to be recycled. No hazardous waste will be generated.

☑ Empty Barrels/Fuel Drums –
All drums will be removed from site and returned to Yellowknife or Repulse Bay for appropriate disposal.

○ Other:

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33. Please describe incineration system if used on site. What types of wastes will be incinerated?

Wastes will be transported off site likely to an established community such as Repulse Bay or Yellowknife for incineration. No items will be incinerated on site.

34. Where and how will non-combustible waste be disposed of ? If in a municipality in Nunavut, has authorization been granted?

Non combustible materials will be backhauled to Yellowknife or Repulse Bay for disposal. Fuel drums will be returned to the distributor.

35. Describe location (relative to water bodies and camp facilities) dimensions and volume, and freeboard for sumps (if applicable).

Sumps for drill cuttings will be located at least 50 metres from any high water mark.

36. Will leachate monitoring be done? What parameters will be sampled and analyzed, and at what frequency?

No

OPERATION AND MAINTENANCE

37. Have the water supply and waste treatment and disposal methods been used and proven in cold climate? What known O&M problems may occur? What contingency plans are in place?

Water supply and waste disposal methods like these are commonplace in Nunavut.

ABANDONMENT AND RESTORATION

38. Provide a detailed description of progressive and final abandonment and restoration activities at the site.

All drill sites will be restored to prior conditions, or as close as possible. All garbage will be removed for incineration or disposal at either the camp or at an appropriate facility in Yellowknife or Repulse Bay. Absorbent pads/mats will be used during fuel transfer, and situated under the drill rig at strategic sites. Any on ice drill cuttings will be scraped clean and removed to an on-land location. All scrap material and equipment will be returned to Yellowknife or Repulse Bay. Fuel drums will be returned to a local agent for proper treatment.

BASELINE DATA

38. Has or will any baseline information be collected as part of this project? Provide bibliography.
No baseline studies have been conducted as this will be the first year of work on the property. Photos of the drill sites will be taken prior to work, and again after reclamation to ensure a complete clean up and restoration.

- ○ Physical Environment (Landscape and Terrain, Air, Water, etc.)
- ○ Biological Environment (Vegetation, Wildlife, Birds, Fish and Other Aquatic Organisms, etc.)
- ○ Socio-Economic Environment (Archaeology, Land and Resources Use,
- ○ Demographics, Social and Culture Patterns, etc.)
- ○ Other:

REGULATORY INFORMATION

40. Do you have a copy of
- ⊘ Article 13 - Nunavut Land Claims Agreement
- ⊘ NWB - Water Licensing in Nunavut - Interim Procedures and Information Guide for Applicants
- ⊘ NWB - Interim Rules of Practice and Procedure for Public Hearings
- ⊘NWTWB - Guidelines for the Discharge of Treated Municipal Wastewater in the NWT
- NWTWB - Guidelines for Contingency Planning
- ⊘DFO - Freshwater Intake End of Pipe Fish Screen Guideline
- ⊘Fisheries Act - s.35
- ⊘RWED - Environment Protection- Spill Contingency Regulations
- Canadian Drinking Water Quality Guidelines
- ⊘Public Health Act Camp Sanitation Regulations
- ⊘Public Health Act Water Supply Regulations
- ⊘Territorial Land Use Act and Regulations

You should consult the above document, guidelines, and legislation for compliance with existing regulatory requirements.

PROPOSED MINERAL EXPLORATION PROGRAM
STRONGBOW PROPERTY (*Southern Wales Island*)

Strongbow Exploration Inc. (Strongbow), formerly known as Navigator Exploration Corp., is a Vancouver-based junior mineral exploration company that holds ten prospecting permits (269,800 acres) on Wales Island just west of Melville Peninsula in Nunavut. The property is located 150 km ESE of Kugaaruk, 149km N of Repulse Bay, and 240 km SW of Igloolik. The property has been subdivided into two parts based on the exploration strategies that will be employed. The northern half (not part of this application) includes Inuit owned land parcel HB-14 in the Qikiqtani region, and will be explored using a reconnaissance program, while the southern half will be explored using a low impact reconnaissance program and a limited drilling program.

Interest in Wales Island has been piqued due to its proximity to the kimberlite discoveries on the neighboring Melville Peninsula at Igloolik and Repulse Bay in 2003. Regional airborne geophysical surveys have delineated some promising geophysical targets on the southern half of Wales Island. Strongbow (formerly Navigator) acquired prospecting permits on the southern half of the property including 164,200 acres of Crown Land, which is the area of interest for this application.

Strongbow is proposing a low impact reconnaissance prospecting, till sampling program for the summer of 2004. Should results warrant it, a minor ground geophysical survey may be completed in the same year. Diamond drilling of a few specific airborne geophysical targets (5-10 holes) may take place late in the summer of 2004, or possibly in 2005.

Field crews will be transported to their work areas by helicopter, which will remain on site with the crews for emergency support. Till sampling involves the collection of 20kg of soil throughout the property, taken primarily by a sampler on foot from active frost boils with little to no vegetated cover. Foot traverse of the ground allows for observation of boulders and outcrop between sample locations optimizing both prospecting and till sampling.

Ground geophysics, should it be performed, requires a control grid to be established involving the placement of wooden pickets at regularly spaced intervals. The grid is then traversed by a ground crew with a hand held geophysical instrument, which has not been shown to cause damage to wildlife or vegetation.

Drilling will be undertaken using a lightweight helicopter portable drill, which will require no mechanized leveling of the site. Drill cuttings, which are fine inert silt that is the only by-product of drilling, will be used to infill the drill hole if the drill site is on land, and removed to an on-land sump if the drill site is on ice. Water used by the drill will be re-circulated to reduce consumption and will be filtered through a "Poly Drill" or similar filtration system to treat return water where applicable. The water intake hose for the drill will be outfitted with a screen to prevent fish entrapment. Care will be taken to avoid environmentally sensitive areas, such as calving grounds and denning/nesting areas. All materials will be removed from the drill site upon completion of the hole.

Dependant on weather the project will likely span roughly two to three weeks. There are no known archeological sites on the property, however should they be encountered the location will be reported and the site avoided. The limited extent of the proposed activities create a situation in which there should be little to no environmental impact from this project. Since the work is preliminary in nature, short term, and utilizes job specific contract personnel, the socioeconomic effects are minimal. However, discovery of promising indicator minerals or mineralization, could lead to a larger scale project in the future.

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STRONGBOW-ᑯᑦ ᓇᖕᒥᓂᖓᓐᓂᒃ ᐃᑲᓂ (*Southern Wales Island*)

ᐅᑯᐊ Strongbow Exploration Inc.-ᑯᑦ, ᐊᑎᖅᑲᖅᑲᑦᑕᓚᐅᖅᓯᒪᔪᑦ ᐃᒫᒃ Navigator Exploration Corp., ᐅᕝᕙᓂᒥᐅᑦ Vancouver-ᒥ ᓄᑖᑦ ᕿᓂᖅᕿᑦ ᐅᔭᖅᑲᓂᒃ ᐊᒡᕚᓂᒃ ᐱᔪᓐᓇᕈᑎᓖᑦ ᐃᒪᐃᓪᓗᐊᕐᑐᒧᑦ ᓄᓇᒧᑦ-(269,800 acres) ᐅᕝᕙᓂ Wales Island-ᒥ ᐅᐊᓕᓂᐊᓂ ᓄᓇᖓᑕ Melville Peninsula ᓄᓇᕗᕐᒥ. ᓄᓇ ᓇᖕᒥᓂᕆᔭᖅ ᐃᑲᓅᑦᑐᖅ ᐅᖓᓯᖕᓂᖓ 150 km ESE ᑯᒑᖅᕈᒃᒧᑦ, 149km N ᓇᐅᔮᓄᑦ, ᐅᕗᖓᓗ 240 km SW ᐃᒡᓗᓕᖕᒧᑦ. ᓇᖕᒥᓂᕆᔭᖅ ᐃᖕᒥᒃᑯᐊᓕᖅᑎᖅᓯᒪᔭᖅ ᒪᕐᕉᓕᖓᔪᖅ ᕿᓂᖅᕕᒃᓴᐅᓂᕐᒧᑦ ᐋᕿᒃᓯᒪᓂᓕᒃ ᐱᓕᕆᕕᐅᑏᖅᑐᖅ. ᐅᐊᖕᓇᖓᓅᖓᔪᖅ (ᐅᑯᑎᒎᓇ ᑐᒃᓯᖅᑑᑎᒃᑯᑦ ᐃᓚᒋᔭᐅᖕᒋᑦᑐᑦ) ᐃᓚᓖᑦ ᐃᓄᐃᑦ ᓄᓇᖅᑯᑖᓅᖓᔪᒥᒃ ᓄᓇᖑᐊᑎᒍᑦ ᐃᓗᐃᑦᑐᖅ ᓇᓗᓇᐃᒃᑯᑖ HB-14 ᕿᑭᖅᑕᓂ ᓄᓇᖓᓄᑦ ᐊᕕᒃᑐᖅᓯᒪᓂᐊᒍᑦ, ᕿᓂᖅᕕᐅᔫᖅᑐᖅ ᐊᑐᖅᓗᑎᒃ ᐱᓕᕆᔾᔪᑎᓂᒃ, ᐊᒡᕚ ᐅᐊᖕᓇᖓᓂ ᕿᓂᖅᕕᒃᓴᖅ ᐊᒃᑐᖅᑕᐅᓯᒪᓗᐊᖕᒋᑦᑐᖅ ᐱᓕᕆᔾᔪᑎᓄᑦ, ᐸᓚᖅᓂᐊᖅᓯᑎᒡᓗ ᑲᐃᕗᖅᓂᖅᒧᑦ ᐃᑰᑕᕈᑎᓄᑦ.

ᐊᑑᑕᐅᓂᐊᖅᑐᖅ ᐅᕗᖓᖓᔪᖅ Wales Island-ᒧᑦ ᐊᑲᐃᓪᓕᖅᓯᒪᔾᔪᑎᓕᒃ ᑕᒪᓐᓇ ᖃᓂᒋᔭᖓᓅᖓᒻᒪᑦ ᓯᑏᒃᓴᔭᖅᑕᓕᖕᒧᑦ ᓇᓂᔭᐅᓯᒪᔪᖅᑕᓕᖕᒨᖓᔪᖅ ᐅᕝᕙᓂ Melville Peninsula-ᒥ ᐃᒡᓗᓕᖕᒥ, ᓇᐅᔮᓂᓗ ᐅᕝᕙᓂ 2003-ᓂ. ᕿᒥᖅᑯᔭᐅᖅᑲᑦᑕᖅᓯᒪᔪᑦ ᓯᓚᑐᐃᓐᓇᖅᒨᖓᔪᑦ ᑎᒃᑕᐅᕋᓲᖑᓂᖏᓐᓂᒃ ᓇᒧᑦ ᓱᖅᑯᐃᔭᖅᑕᐅᓪᓗᑎᒃ ᐅᐊᖕᓇᖓᓂ ᐊᕝᕚᓅᖓᔪᖅ Wales Island-ᒧᑦ. ᐅᑯᐊ Strongbow-ᑯᑦ (ᐊᑎᖅᑲᖅᑲᑦᑕᓚᐅᖅᓯᒪᔪᑦ Navigator-ᒥᒃ) ᐱᒋᐊᖅᑲᒪᑕ ᐅᔭᕋᒃᓴᖅᓯᐅᕈᑎᒃᓴᒥᒃ ᐱᔪᓐᓇᕈᒻᒥᒃ ᐃᑯᖓᖓᔪᒥᒃ ᐅᐊᖕᓇᖓᑕ ᐊᒡᕚᓄᑦ ᓇᖕᒥᓂᕆᔭᐅᑉ ᐃᓚᖅᑲᖅᓯᓂ ᓄᓇᒧᑦ ᐃᒪᐃᓪᓗᐊᖅᑐᒧᑦ 164,200 ᑲᓇᑕᐅᑉ ᓄᓇᖅᑯᑖᓄᑦ, ᑕᒡᕗᖓᖓᔪᖅ ᕿᓂᖅᕕᐅᔪᒪᔪᖅ ᑐᒃᓯᖅᑑᑦ.

ᐅᑯᐊ Strongbow-ᑯᑦ ᑐᒃᓯᕋᖅᑐᑦ ᐊᒃᐸᓯᖕᓂᓕᖕᒥᒃ ᐱᓕᕆᐊᖅᑎᒃᓴᒥᒃ ᐅᔭᕋᒃᓴᖅᓯᐅᖅᑎᓄᑦ, ᓱᖅᑯᐃᔭᕋᒃᓴᓂᒃ ᐊᐅᔭᖅ ᐱᓕᕆᐊᖑᓗᓂ 2004-ᒥ. ᐊᓯᐃᓪᓖᒃ ᑲᔪᓯᓂᐊᖅᐸᑕ ᑕᒪᒃᑯᐊ, ᐸᓚᖅᑐᓂᒃ ᐊᑑᑎᒐᔭᖅᑐᑦ ᓄᓇᓕᕆᔾᔪᑎᓂᒃ ᐊᑑᑎᓗᑎᒃ ᖃᐅᔨᓴᕈᑎᒥᓐᓂᒃ ᑖᒪᓂᑦᓴᐃᓐᓇᖅ ᐊᖅᑳᒍᖅ ᐱᔭᕇᖅᕕᒋᔪᒫᖅᓯᒍ. ᑲᐃᕗᖅᓱᑎᒃ ᓯᑏᖅᓯᐅᑎᓄᑦ ᖃᑦᓲᓇᖅᓂᒃ ᓯᓚᑐᐃᓐᓇᖅᒧᐊᖅᑲᖅᑐᑦ ᖃᐅᔨᓴᖅᑕᐅᓗᑎᒃ (5-10 ᐃᑎᖅᓴᓂᒃ ᓄᓇᒥ) ᐊᐅᔭᒃᑲᓐᓂᖅ ᐱᓕᕆᐊᖑᓗᓂ ᐅᕝᕙᓂ 2004, ᑎᑭᐅᑎᓗᒍᓗᑭᐊᖅ ᐅᕗᖓ 2005-ᒧᑦ.

ᐱᓕᕆᓂᐊᖅᑐᑦ ᐅᑎᖅᑕᖅᑎᑕᐅᕙᓪᓗᑎᒃ Hᓕᑳᑉᑕᒃᑯᑦ, ᓄᓇ ᐃᓄᖅᑲᐃᓐᓇᖅᓗᓂ ᐃᒻᒪᖅᑲᑦᑕᐅᖅ ᑐᐊᕕᖅᓇᖅᑐᖅᑲᓕᖅᓂᖅᐸᑦ ᐊᑐᐃᓐᓇᐅᓂᐊᖅᒪᑕ. ᐆᒃᑐᕋᖅᑕᑦ ᒪᑯᓂᖓ ᐃᓚᖅᑳᖅᑐᑦ ᓄᐊᑕᐅᓯᒪᔪᓂᒃ ᐃᒫᒃ ᐅᖅᑯᒪᐃᓐᓂᓕᖕᓂᒃ 20kg-ᓂᒃ ᓄᓇᔭᓂᒃ ᐃᔾᔪᓂᒃ ᓱᖅᒥᓂᒃ ᐱᓕᕆᕕᖕᒥ, ᖃᐅᔨᓴᖅᑕᐅᕙᓚᐅᖅᓯᒪᔪᖅ ᓄᓇᐅᑉ ᖃᖓᓂᒃ ᐱᑦᑐᑎᒃ ᖁᐊᓰᒥᒃ ᓄᓇᒥᒃ ᐱᕈᖅᑐᖅᑲᖏᑦᑐᒥᒃ ᓄᓇᐅᑉ ᖃᖓᓂᒃ. ᐱᓯᒡᓗᑎᒃ ᓄᓇᓕᕆᓕᕈᑎᒃ ᕿᒥᖅᑯᖅᑲᑦᑖᖅᑐᑦ, ᐅᔭᕋᓯᒃᔭᖕᓂᓪᓗ, ᓄᓇᒥᓪᓗ ᖃᐅᔨᓴᕋᒃᓴᓂᒃ ᐱᑐᑎᒃ.

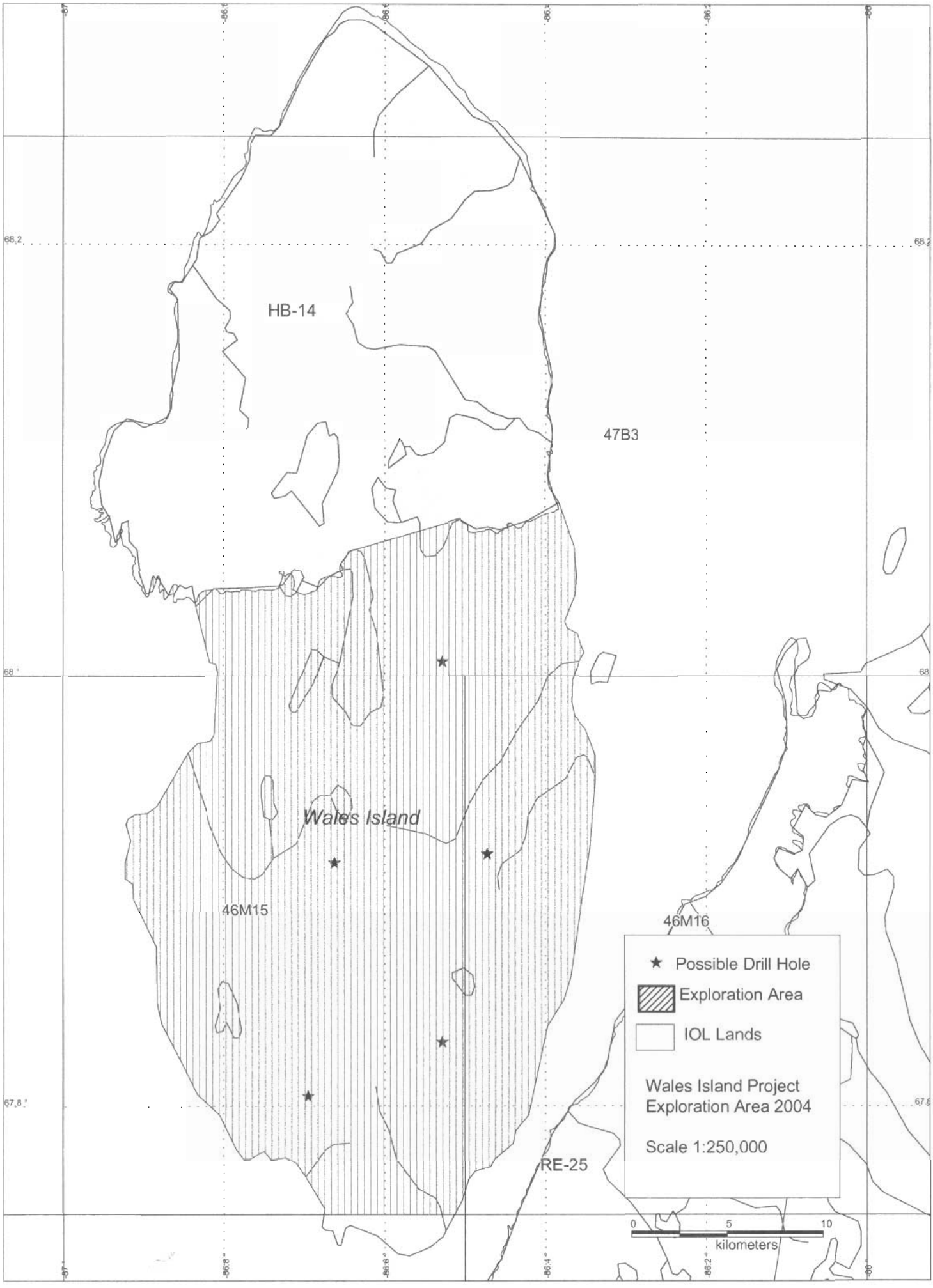
ᓄᓇᓕᕆᐊᑦ, ᐊᑑᑕᐅᓂᐊᖅᑐᑦ, ᕿᔭᖕᓂᒃ ᓄᓇᒧᑦ ᐃᓕᓯᖅᑲᑦᑕᖅᓗᑎᒃ. ᐊᔾᔭᖅᑲᑦᑕᖅᑕᒥᓐᓂᒃ ᓴᓇᖅᑯᑎᓖᑦ ᓄᓇᓕᕆᔾᔪᑎᒥᓐᓂᒃ, ᓯᕈᖅᑎᕆᔾᔭᖏᓪᓚᑕ ᐆᒪᔪᓂᒃ, ᐱᕈᖅᑐᓂᓪᓘᓐᓃᑦ.

ᑲᐃᕗᑎᖅᑳᖅᑐᑦ ᐅᖅᑭᒃᑐᓂᒃ ᐅᓯᔭᐅᓯᓂᒃ Hᓕᑳᑉᑉᑕᒃᑯᑦ, ᐋᖅᑭᒃᓯᖅᑕᐅᕙᓪᓗᓂ ᓄᓇᒥ. ᑲᐃᕗᖅᑲᑦᑕᖅᓗᑎᒃ ᓄᓇᒥᒃ ᐲᖅᓯᖅᑲᑦᑕᖅᓗᑎᒃ ᐃᓗᒻᒧᐊᖓᔪᓂᒃ, ᓄᓇᒥ ᑲᐃᕗᖅᕕᕕᓂᖅᒥᓐᓂᒃ ᐃᓗᑦᓕᖅᑐᐃᖅᑲᑦᑖᖅᑐᑦ ᐃᑎᖅᓴᓂᐊᒥᓂᖅᒥᓐᓂᒃ, ᓯᑯᐊᓕᖕᒥᑦᓗ ᑲᐃᕗᕋᐃᒍᑎᒃ ᒥᑦᓗᐊᖅᕈᑎᓂᒃ ᐊᑐᖅᑲᑦᑖᖅᑐᑦ. ᐃᒥᖅᒥᒃ ᐊᑐᕋᐃᒍᑎᒃ ᓴᓐᓇᕉᒃᑯᑎᓕᖕᓂᒃ ᐅᑎᖅᑎᓇᕙᓪᓗᑎᒃ, ᓴᓐᓇᕉᒃᑯᑏᑦ ᐊᑐᖅᑕᐅᕙᓪᓗᑎᒃ ᑲᑭᐊᓕᖅᑎᑕᓄᑦ ᐃᒥᖅᒥᒃ ᐊᑑᑎᕆᐊᖅᑲᕈᑎᒃ. ᓱᓪᓗᓕᒃᑯᑦ ᐃᒥᖅᒥᒃ ᐱᕙᓪᓗᑎᒃ ᐃᑰᑕᕈᑎᒥᓐᓄᑦ ᓴᓐᓇᕉᒃᑯᑎᓕᖕᓂᒃ ᐊᑐᖅᓗᑎᒃ ᐃᖅᑲᓗᐃᑦ ᐊᔪᖅᓯᖅᑯᓇᖏᑦ. ᐅᔾᔨᑐᑦᓯᐊᖅᓂᐊᖅᑐᑦ ᓄᓇ ᐅᔾᔨᕆᓯᐊᖅᓗᒍ ᓇᒥᑐᐃᓐᓇᖅ, ᒪᑯᐊᓗ ᑐᒃᑐᓄᑦ ᓂᖅᓇᐅᖅᕖᑦ, ᓯᑏᑦ, ᐅᑦᑐᖅᑲᔩᑦ. ᐱᓕᕆᔾᔪᑎᒥᓃᑦ ᑕᒪᖅᒥᒃ ᓅᑕᐅᓂᐊᖅᑐᑦ ᐱᔭᕇᕈᑎᒃ ᐱᓕᕆᐊᒥᓐᓂᒃ.

ᒪᓕᒡᓗᑎᒃ ᑭᓯᐊᓂ ᓯᓚᒥᒃ ᐱᓕᕆᓂᐊᖅᒥᖕᒪᑕ ᐃᒻᒪᖅᑲᖅᑲᐃ ᒥᒃᓴᐅᓴᒃᑐᒥᒃ ᐱᓕᕆᐊᖅᑲᓐᓂᐊᖅᑐᑦ ᐱᓇᓯᐊᕈᓲᒃ ᒪᕐᕉᒃ ᐱᖓᓱᓪᓗᑭᐊᖅ. ᑖᒪᓂ ᓄᓇᒥ ᖃᐅᔨᒪᔭᐅᔭᖅᑲᖏᑦᑐᖅ ᐃᑦᑕᕐᓂᑕᓂᒃ, ᖃᐅᔨᑳᓪᓚᖕᓂᕈᑎᒃ ᐊᒃᑐᐃᑦᑕᐃᓕᒐᔭᖅᑐᑦ ᓄᓇᒥᒃ. ᐱᓕᕆᕕᒃᓴᖓᑦ ᖃᓚᒥᐅᑎᓪᓗᒍ ᑐᒃᓯᖅᓯᒪᔭᖓᒍᑦ ᐊᐅᓚᑦᓯᔾᔪᑎᒃᓴᑦ

May 04

ᓄᓇᒥᒃ ᐊᒃᑐᐃᓂᖏᑦ ᓱᕈᖅᑎᕆᔾᔮᖏᑦᑐᑦ ᑕᒡᕗᖓᖓᔪᒧᑦ ᐱᓕᕆᐊᒃᓴᒧᑦ. ᑕᒡᕗᖓᖓᔪᓪᓗ ᓱᕗᓪᓕᖅᓱᐅᑎᐅᖓᒪᑕ ᐱᓕᕆᔾᔪᑎᒃᑯᑦ, ᖄᓚᒥᐅᓂᐊᕐᒪᑕ, ᐱᓕᕆᔾᔪᑎᑦ ᑲᓐᑐᕌᒃᑐᓄᑦ, ᐃᓅᓯᕐᓄᑦ ᐊᒃᑐᐃᔪᑦ ᐸᓚᕐᒪᑕ. ᑭᓱᐊᓂ, ᓇᓂᓯᓐᓂᖅᐸᑕ ᐱᐅᔫᒃᓴᔭᓂᒃ ᐋᑐᑎᔫᒃᓴᔭᓂᒃ, ᐅᔭᕋᓐᓂᐊᖅᑏᑦ, ᑭᖕᒍᓪᓕᕐᒥ ᐊᖏᓂᖅᓴᐅᓕᕋᔭᕐᒪᑕ ᐱᓕᕆᐊᒃᓴᓕᕆᔾᔪᑎᓅᖓᓂᖏᑦ ᓱᕗᓂᒃᓴᒧᑦ.


HB-14
47B3
Wales Island
46M15
46M16
RE-25
Possible Drill Hole
Exploration Area
IOL Lands
Wales Island Project
Exploration Area 2004
Scale 1:250,000
0
5
10
kilometers

Strongbow Exploration Inc. Spill Response Plan

Spill Response Plan

A spill is classified as the discharge of petroleum products or other dangerous substances into the environment. Potential hazards created by the spill for humans, vegetation, water resources, fish and wildlife vary in severity, depending on several factors, including nature of the material, quantity spilled, location and season. The general response to be followed in the event of a spill is:

Identify the product - check container design, warning labels, markings, etc.
Protect people - prevent personnel from approaching the site and keep them at a distance sufficiently removed that they will not be injured by, or cause, a fire or explosion
Stop the flow at the source - reduce or terminate the flow of product without endangering anyone
Assess the seriousness of the spill - evaluate potential dangers of the spill to human health and safety, the aquatic environment, wildlife, ground water, vegetation and other land resources
Report the spill - provide basic information such as location of spill, name of polluter, type and amount of material spilled, date and time of the spill and any perceived threat to human health or the environment (complete NWT Spill Report form)
Clean up the spill - follow procedures appropriate for the location, environment, and material and time of year

24-Hour Spill Report Line (867) 920-8130 or fax (867) 920-8127
DIAND Water Resources Inspector (867) 975-4298

Detailed Response Plan

(a) *On-site person in charge, management or control of contaminants*

Robin Hopkins; Strongbow Exploration Inc. (camp phone-to be determined)

(b) *Name and address of employer of personnel described in part (a)*

Strongbow Exploration Inc.
Suite 1300 – 409 Granville Street
Vancouver, BC
V6C IT2
phone:(604) 682-8355
fax: (604) 685-8366

(c) *Description of the facility*

Facility – Camp (not located on within permit area)
Locations –Fuel will be stored in the appropriate facility a safe distance from the accommodations and well away (>100m) from water bodies
Size - Fuel stored at above ground facility in sealed 205 litre (45 gal.) steel drums
Storage Capacity – Maximum fuel stored at camp will be 19 drums (3895 litres) of Jet-B and diesel combined, plus 1+ 100lb-propane tanks.
A minor amount of fuel will be stored for no more than four days at the drill site, and removed promptly upon completion of each drill hole. On-site storage will be a safe distance from drilling activites, with fuel stored in sealed steel drums. Maximum fuel storage will be 4 drums (820L) including Jet-B and diesel, plus 1- 100lb propane tank.

(d) *Description of the type and amount of potential contaminants normally stored* ***at camp (not within permit area)***

JET B fuel for the helicopter – 3485 litres (17 drums)
Propane for heating, etc. - One (1) 100 lb. tank

Description of the type and amount of potential contaminants normally stored ***on-site***
JET B fuel for the helicopter – 410 litres (2 drums)
Diesel for the drill – 410 litres (2 drums)
Propane for heating, etc. - One (1) 100 lb. tank

(e) *Steps to be taken to report, contain, clean up and dispose of a contaminant in the case of a spill*

Preventative Measures

Fuel drums will be monitored for any signs of leakage:

(i) Immediately after they arrive on-site,
(ii) Once they have been transported to the designated storage area, and
(iii) Periodically after that time (i.e. as the stocks are accessed).

Drums will be stored upright on flat stable terrain during the summer to reduce chances of a leak. If available a natural depression situated well away from water bodies will be utilized for storage. The contents of any drum that leaks, or shows the potential to leak, will be transferred by wobble pump to a different drum. With the exception of the container in use, all fuel container outlets will be kept sealed to prevent leakage. On-site equipment (e.g. helicopter) will be refueled at some distance from the main storage facilities to reduce potential damage should a fire occur.

Reporting

(i) Identify the product - check container design, warning labels, markings, etc.
(ii) Protect people - prevent personnel from approaching the site and keep them at a distance sufficiently removed that they will not be injured by, or cause, a fire or explosion
(iii) Stop the flow at the source - reduce or terminate the flow of product without endangering anyone
(iv) Assess the seriousness of the spill - evaluate potential dangers of the spill to human health and safety, the aquatic environment, wildlife, ground water, vegetation and other land resources
(v) Report the spill to the 24-Hour Spill Report Line (867) 920-8130 - provide basic information such as location of spill, direction of motion if any, name of contact on-site, type and amount of material spilled, cause of spill, date and time of the spill and any perceived threat to human health or the environment (complete Spill Report form)
(vi) Report the spill to Stornoways office in Vancouver
(vii) Depending on severity of the spill, report to the other appropriate authorities (i.e. Nunavut Water Board, Department of Fisheries and Oceans; Regional Inuit Association)

Containment

Oil spill containment techniques include:
(i) Earth dams - simple and effective control means for surface and small streams
(ii) Interceptor trenches - control on land and shallow subsurface seepage
(iii) Culvert weirs - not applicable
(iv) Underflow dams - effective in narrow ditch or stream
(v) Net and absorbent barriers - effective in tundra area and slow moving water
(vi) Containment booms - commercial product for large bodies of water
(vii) Space spraying or 'herding' - using a very fine water spray as a means of cleaning vegetation, shorelines, lake surface, etc.
(viii) Absorbent materials - include fine sand, soil or snow; commercial sorbents include sheets, rolls, pillows and booms that can be rapidly deployed with no preparation

Clean up

The most likely spill scenario is the partial loss of petroleum products from one of the 205 l (45 gal.) drums. Drums will be checked on arrival in camp, after transfer to the designated storage facility and periodically thereafter. Contents of any leaking drum will be immediately transferred via wobble pump to an empty, leak free drum. It is unlikely that more than one drum

will leak at any time. Any spills will be contained, and pumped into empty barrels.

Disposal

No organic soils are present at the proposed storage site, and if possible, any sands and gravels contaminated by a significant spill of petroleum products will be excavated by hand, incinerated to remove hydrocarbons, and returned to their natural site.

Consultations:

Contingency Planning and Spill Reporting in the NWT - A guide to the new regulations, GNWT, 8pp. June, 2002.

Oil Spill Containment and Clean up Techniques - 22 minute instructional video prepared by NWT Renewable Resources Pollution Control Division, 1988.

Report All Spills - Environment Series, GNWT Renewable Resources, Pollution Control Division, 1988.

Spill Containment and Clean-up Course, GNWT Renewable Resources, Pollution Control Division, 1991, 74pp.

Spill Contingency Planning and Reporting Regulations - Environmental Protection Act - Northwest Territories, July 22, 1993, 11pp.

Spills, Our Record in the Northwest Territories - Environment Series, GNWT Renewable Resources, Culture and Communications, 1990

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