## NORTHWEST TERRITORIES WATER BOARD

# ONSHORE OIL AND GAS EXPLORATION DRILLING QUESTIONNAIRE

FOR

#### WATER LICENCE APPLICATIONS

Prepared by:
Department of Indian Affairs and Northern Development
Water Resources Division
August 1999
Version 5.07

#### Introduction

The purpose of this questionnaire is to solicit supplemental information from an applicant to support their application for a water licence (or renewal). It is anticipated that the completion of this questionnaire will reduce delays arising from the Northwest Territories Water Board having to solicit additional information after an application has already been submitted. This information will also be useful during the environmental assessment and screening of your application, which must be undertaken prior to development and approval of a water licence.

The applicant should complete the questionnaire to the best of his/her ability, recognizing that some questions may not be relevant to the project under consideration. For questions that do not relate to his/her operation, the applicant is requested to indicate "N/A" (Not Applicable).

If any questions arise while completing the questionnaire, the applicant may wish to contact the Northwest Territories Water Board at (867) 669-2772. If your question is that of a technical nature please contact the Regulatory Approvals Section of the Water Resources Division, Department of Indian Affairs and Northern Development (INAC), at (867) 669-2651.

Chairman, Northwest Territories Water Board

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If space is insufficient for any of the responses on this questionnaire, use the back of the sheet or attachments.

List attachments in Appendix 1.

Print or type your responses.

## SECTION 1:

## PRELIMINARY SITE ASSESSMENT

DATE:	November 1, 2000
1.1	APPLICANT
	COMPANY NAME: Shell Canada Ltd.
	ADDRESS: 400 – 4 <sup>th</sup> Avenue SW
	Calgary, AB
	T2P 0J4
	PROPERTY NAME/EXPLORTION LIC. #: EL# 403
	CLOSEST COMMUNITY: Aklavik
	LATITUDE/LONGITUDE OF CAMP (Degrees, minutes, seconds): 68° 57' 00" 134° 55' 00"
1.2	PRIMARY COMPANY CONTACT:
	NAME: John Brown
	TITLE: Senior Seismic Supervisor
	CONTACT NUMBER: 403-691-3502
	ALTERNATE CONTACT NUMBERS: Cell: 403-861-1352
1.3	FIELD CONTACT:
	NAME (If known): Dave Berry
	TITLE (If known): Consultant
	CONTACT NUMBER: 403-691-3502 Cell: 815-6995
1.4	INDICATE THE STATUS OF THIS APPLICATION:
	NEW APPLICATION X RENEWAL
	IF RENEWAL, INCLUDE LICENCE NUMBER:

## 1.5 SITE HISTORY

	INDICATE IF THIS SITE CONTAINS ANY KNOWN:	
	FORMER WELL SITES	No
	WASTE DUMPS	No
	FUEL AND CHEMICAL STORAGE AREAS	No
	SUMP AREAS	.No
	WASTE WATER DISCHARGE LOCTIONS	No
	DESCRIBE SITES AND REFERENCE THEM ON THE	HE MAP IN QUESTION 1.6
1.6	ATTACH MAPS DRAWN TO SCALE SHOWING LO	OCATIONS OF EXISITNG
	CAMP FACILITIES,	X
	WELL SITE(S),	X
	SUMPS,	N/A
	WATER SOURCES,	X
	FUEL AND CHEMICAL STORAGE FACILITI	ES, X
	DRILLING MUD STORAGE FACILITIES,	N/A
	DRAINAGE CONTROLS,	N/A
	TRANSPORATION ROUTES (SEASONAL AN	ID ALL WEATHER)*, X
	ELEVATION CONTOURS,	
	LOCATIONS OF WATERBODIES	X
	DRAINAGE PATTERNS FOR WELL AND CA	MP SITES.
	* Clearly identify crossings over water courses great water mark.	ter than 5 m at ordinary high
	Refer to attached Project Description.	
1.7	DESCRIBE THE PROPOSED OR CURRENT N WITHDRAWAL, THE TYPE AND OPERATING USED AND THE INTAKE SCREEN SIZE.	
*-	Intake screen size 1.3cm (0.5"). Refer to Project Descri	ption for further details.

Channel).	
INDICATE IF PERMAFROST IS EXP	ECTED TO BE ENCOUNTERED UN
CAMP FACILITIES	N/A
WELL SITE	N'A
ACCESS ROUTES	<u>X</u>
SUMPS	N'A_
OTHER	N'A
INDICATE ANY POTENTIAL FOR E OR LOST CIRCULATION WITHIN T	
N/A	

## SECTION 2:

WATER USE AND WASTE DISPOSAL

	Source	Use	Average Volume (m³/
1.	Mackenzie River	camp	22.68 m³/day
2.		road construction	<100m³/day
3.		seismic drilling	<100m³/day
4.			
			TOTAL: <100m <sup>3</sup> /da
ВU	T NOT LIMITED TO, C UIDS?	S CONTAIN DETRIMENTA OIL BASED OR INVERT MU	DS AND HIGH SALINITY
	YES	NO	
IF	YES, INDICATE SUBST	TANCES:	<del></del>
N/	<u> </u>		
<u>N/</u>	Α		
		ESTIMATED VOLUME OF I	ORILLING WASTES
IN	DICATE THE TOTAL E	ESTIMATED VOLUME OF I	DRILLING WASTES
IN N/	DICATE THE TOTAL E	CUBIC METRES	
IN N/	DICATE THE TOTAL E		
IN N/	DICATE THE TOTAL E	CUBIC METRES	
IN N/	DICATE THE TOTAL E  A  DICATE METHODS FO  SUMP	CUBIC METRES	G WASTES.
IN N/	DICATE THE TOTAL E  A  DICATE METHODS FO  SUMP  X  DOWN HO	CUBIC METRES OR DISPOSAL OF DRILLING	G WASTES.  OVAL) seismic drill cuttings
IN N/	DICATE THE TOTAL E  A  DICATE METHODS FO  SUMP  X  DOWN HO ON-SITE	CUBIC METRES OR DISPOSAL OF DRILLING	G WASTES. OVAL) seismic drill cuttings AN)
IN N/	DICATE THE TOTAL E  A  DICATE METHODS FO  SUMP  X  DOWN HO  ON-SITE  OFF-SITE	CUBIC METRES OR DISPOSAL OF DRILLING OLE (REQUIRES NEB APPROTEE TREATMENT (PROVIDE PLA	G WASTES. OVAL) seismic drill cuttings AN)
IN IN	DICATE THE TOTAL E  A  DICATE METHODS FO SUMP X DOWN HO ON-SITE OFF-SITE Refer to attached Proje	CUBIC METRES OR DISPOSAL OF DRILLING OLE (REQUIRES NEB APPROTEE ATMENT (PROVIDE PLATICITY) (GIVE LOCATION ANDMET of Description Section 4.2.5	G WASTES.  OVAL) seismic drill cuttings  AN)  THOD OF DISPOSAL)
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IN N/	DICATE THE TOTAL F  A  DICATE METHODS FO  SUMP  X DOWN HO  ON-SITE  OFF-SITE  Refer to attached Proje  A SUMP IS BEING USI	CUBIC METRES OR DISPOSAL OF DRILLING OLE (REQUIRES NEB APPROTREATMENT (PROVIDE PLA (GIVE LOCATION ANDMET of Description Section 4.2.5 ED, ATTACH THE FOLLOW AND DESIGN OF SUMPS,	G WASTES.  OVAL) seismic drill cuttings  AN)  THOD OF DISPOSAL)
IN IN	DICATE THE TOTAL E  A  DICATE METHODS FO SUMP X DOWN HO ON-SITE OFF-SITE Refer to attached Proje  A SUMP IS BEING USE SCALE DRAWINGS.	CUBIC METRES OR DISPOSAL OF DRILLING OLE (REQUIRES NEB APPROTREATMENT (PROVIDE PLA (GIVE LOCATION ANDMET OR DESCRIPTION SECTION 4.2.5 ED, ATTACH THE FOLLOW AND DESIGN OF SUMPS, C METRES,	G WASTES.  OVAL) seismic drill cuttings  AN)  THOD OF DISPOSAL)
IN IN	DICATE THE TOTAL E  A  DICATE METHODS FO  SUMP  X DOWN HO  ON-SITE  OFF-SITE  Refer to attached Proje  A SUMP IS BEING USE  SCALE DRAWINGS A  CAPACTLY IN CUBIC	CUBIC METRES OR DISPOSAL OF DRILLING OLE (REQUIRES NEB APPROTREATMENT (PROVIDE PLA (GIVE LOCATION ANDMET of Description Section 4.2.5 ED, ATTACH THE FOLLOW AND DESIGN OF SUMPS, C METRES, DTECTION,	G WASTES.  OVAL) seismic drill cuttings  AN)  THOD OF DISPOSAL)
IN IN	DICATE THE TOTAL E  A  DICATE METHODS FO  SUMP  X DOWN HO  ON-SITE  OFF-SITE  Refer to attached Proje  A SUMP IS BEING USE  SCALE DRAWINGS A  CAPACTIY IN CUBIC  BERM EROSION PRO	CUBIC METRES OR DISPOSAL OF DRILLING OLE (REQUIRES NEB APPROTREATMENT (PROVIDE PLATICITY) OLE CONTROL OF SUMPS, OLE CONTROL OF SUMPS, OLE CONTROL OF SUMPS, OLE CONTROL ON, OL	G WASTES.  OVAL) seismic drill cuttings  AN)  THOD OF DISPOSAL)
IN IN	DICATE THE TOTAL E  A  DICATE METHODS FO  SUMP  X DOWN HO  ON-SITE  OFF-SITE  Refer to attached Proje  A SUMP IS BEING USE  SCALE DRAWINGS CAPACTLY IN CUBIC BERM EROSION PRO SOIL PERMEABILITY	CUBIC METRES OR DISPOSAL OF DRILLING OLE (REQUIRES NEB APPROTREATMENT (PROVIDE PLA (GIVE LOCATION ANDMET OF Description Section 4.2.5 ED, ATTACH THE FOLLOV AND DESIGN OF SUMPS, C METRES, OTECTION, Y AND TYPE LIMING WATERS,	G WASTES.  OVAL) seismic drill cuttings  AN)  THOD OF DISPOSAL)

2.6	WILL A CAMP BE PROVIDED?  YES   X	NO	
2.7	IF YES, THEN INDICATE THE CAPACIT NUMBER OF PERSONS THAT WILL BE		
	CAPACITY	120	PERSONS
	MAXIMUM ACCOMMODATED	120	PERSONS

#### SECTION 3:

## CONTINGENCY, ABANDONMENT AND RESTORATION PLANNING

ATTACH THE PROPOSED OR EXISTING CONTINGENCY PLAN WHICH DESCRIBES COURSE OF ACTION, MITIGATIVE MEASURES AND EQUIPMENT AVAILABLE FOR USE IN THE EVENT OF SYSTEM FAILURES AND SPILLS OF HAZARDOUS MATERIALS (IN COMPLIANCE WITH NWT WATER BOARD GUIDELINES FOR CONTINGENCY PLANNING, 1987).

See Project Description - Emergency Response Plan is provided in Appendix A.

3.2 ATTACH AN INVENTORY OF HAZARDOUS MATERIALS ON THE PROPERTY (AS DEFINED UNDER TRANSPORTATION OF DANGEROUS GOOD REGULATIONS).

See Project Description-Fuel Storage (Section 4.3.3)

3.3 ATTACH AN OUTLINE OF PLANNED ABANDONMENT AND RESTORATION PROCEDURES.

See Project Description-Section 14.0

#### **SECTION 4:**

## ENVIRONMENTAL ASSESSMENT AND SCREENING

Your application and other project details, such as this questionnaire, will be sent out for review by local aboriginal and public groups as well as territorial and federal government agencies. Their comments regarding the significance of project impacts are considered before a decision is made to allow the project to proceed. Because formal assessment and screening of water licences was only initiated in about 1989, applicants will find that this process may be required even if the project has been built and in operation for several years. However, if your project has been previously screened a further assessment may not be required, or a more limited process may be used. This will depend on individual circumstances, including the stage of the project. Some projects may need a higher level of review or submission of more information before being screened.

4.1	HAS THIS PR ASSESSMENT,	OJECT EV	ER UNDERG PREVIOUS O	ONE A	N INITIAL ?	ENVIRONMENTAL
	7	ŒS X		NO		
	IF YES, BY WH	OM/WHEN			avialuit Enviro fer to attached	nmental Inc. Project Description.
4.2	HAS BASELINI THE AREA?	E DATA BE	EN COLLECTI	ED FOR	THE MAIN	WATER BODIES IN
	Ŋ	ŒS 🗌		NO .	$\boxtimes$	·
	IF YES, ATTAC	CH DATA.				
4.3	HAS BASELING TO THE BIOPH AFFECTED BY	IYSICAL CO	OMPONENTS (	OF THE	ENVIRONM	WITH RESPECT ENT POTENTIALLY LITY).
		yes X		NO		
	IF YES, ATTAC Refer to attached	CH DATA. Project Desc	ription.			
4.4	ATTACH A DE ENVIRONMEN Refer to attached	ITAL MONI	TORING PROC			4G
4.5	HAS A COMM	UNITY CON	SULTATION I	ROGRA	AM BEEN INI	TIATED?
		YES X		NO		
	IF YES, PROV Refer to attache		LS OF THE PRO	OGRAM		

## SECTION 5: LIST OF ATTACHMENTS

Reference to Question #	Title	Number of pages
1.6	Project Description	
1.11	Project Description	
2.4	Project Description	
3.1	Project Description	
3.2	Project Description	
3.3	Project Description	<del></del>
4.1	Project Description	
4.3	Project Description	
4.4	Project Description	

#### **EXECUTIVE SUMMARY**

Shell Canada Ltd. is applying to conduct winter 2000/2001 2D and 3D seismic programs within the Mackenzie River Delta region of the Northwest Territories. The 2D program entails the seismic exploration of approximately 153 kilometres of line largely within Exploration Licence #403. The proposed 2D program encompasses approximately 61.2ha of land along surveyed seismic lines. The 3D program entails the seismic exploration of approximately 684km of source lines and 818km of receiver lines largely within Exploration Licence #403. The surveyed 3D seismic lines would cover an approximate surface area of 518ha. The proposed 3D program encompasses an area of 294km² east of Shallow Bay and largely south of Reindeer Channel. These blocks of land are located on Crown lands within the Inuvialuit Settlement Region (ISR). The proposed seismic programs fall under Federal and Territorial regulatory jurisdiction. Pending regulatory approval, the seismic exploration is scheduled to commence in January 2001.

Inuvialuit Environmental Inc. (IEI) has been commissioned by Shell to prepare this Project Description for the South Kugpik 2D and 3D seismic programs. The Project Description has been prepared to meet the requirements of INAC, and fulfill the operating guidelines and procedures of the Environmental Impact Screening Committee (EISC).

The proposed project is located within a delta environment. The topography in the project area is flat to gently rolling. Vegetation in the area is limited mainly to grasses, shrubs and willows up to approximately 2.5m tall. Some small coniferous stands are found in the southern portion of the program area. Clearing of the lines will be required over the majority of the program area. Any coniferous trees along the lines will be avoided wherever possible.

The winter seismic program has been developed with the consideration of minimizing impacts on the environment and land users. Seismic technology not previously used in this region will be employed to mitigate potential environmental impacts on fish habitat specifically. However the potential still exists for certain environmental impacts to occur over the course of the program. Potential environmental concerns for the project may include temporary alteration of wildlife habitat; elevated noise, air pollution and traffic levels, resulting in short-term wildlife displacement; impacts to traditional land use in the vicinity of the project and thermal disturbance to permafrost.

Protection measures designed to mitigate the potential environmental impacts are presented in this Project Description and in Table 10. Shell and its contractors are committed to following these measures in order to minimize the risk of potential environmental impacts and disturbance of culturally and historically significant areas.

## **SECTION 1:**

## PRELIMINARY SITE ASSESSMENT

DATE:	November 1, 2000
1.1	APPLICANT
	COMPANY NAME: Shell Canada Ltd.
	ADDRESS: 400 – 4 <sup>th</sup> Avenue SW
	Calgary, AB
	T2P 0J4
•	PROPERTY NAME/EXPLORTION LIC. #: EL# 403
	CLOSEST COMMUNITY: Aklavik
	LATITUDE/LONGITUDE OF CAMP (Degrees, minutes, seconds): 68° 57' 00" 134° 55' 00"
1.2	PRIMARY COMPANY CONTACT:
	NAME: John Brown
	TITLE: Senior Seismic Supervisor
	CONTACT NUMBER: 403-691-3502
	ALTERNATE CONTACT NUMBERS: Cell: 403-861-1352
1.3	FIELD CONTACT:
	NAME (If known): Dave Berry
	TITLE (If known): Consultant
	CONTACT NUMBER: 403-691-3502 Cell: 815-6995
1.4	INDICATE THE STATUS OF THIS APPLICATION:
	NEW APPLICATION X RENEWAL
	IF RENEWAL, INCLUDE LICENCE NUMBER:

## 1.5 SITE HISTORY

INDICATE IF THIS SITE CONTAINS AN	TY KNOWN:
FORMER WELL SITES	No
WASTE DUMPS	No
FUEL AND CHEMICAL STORAG	GE AREAS No
SUMP AREAS	No No
WASTE WATER DISCHARGE L	OCTIONS No
DESCRIBE SITES AND REFERENCE	THEM ON THE MAP IN QUESTION 1.6
ATTACH MAPS DRAWN TO SCALE S AND PROPOSED:	SHOWING LOCATIONS OF EXISITING
CAMP FACILITIES,	X
WELL SITE(S),	x
SUMPS,	N/A
WATER SOURCES,	X
FUEL AND CHEMICAL STORAG	GE FACILITIES, X
DRILLING MUD STORAGE FAC	CILITIES, N/A
DRAINAGE CONTROLS,	N/A
TRANSPORATION ROUTES (SE	EASONAL AND ALL WEATHER)*, X
ELEVATION CONTOURS,	
LOCATIONS OF WATERBODIE	s x
DRAINAGE PATTERNS FOR W	ELL AND CAMP SITES.
* Clearly identify crossings over water water mark.	courses greater than 5 m at ordinary high
Refer to attached Project Description.	
	CURRENT METHOD OF FRESHWATER PERATING CAPACITY OF THE PUMPS ZE.

Channel).	rfrom the Mackenzie River (Reind
-	
INDICATE IF PERMAFROST IS EXPEC	TED TO BE ENCOUNTERED I
CAMP FACILITIES	<u>N/A</u>
WELL SITE	<u>N/A</u>
ACCESS ROUTES	<u>X</u>
SUMPS	<u>N/A</u>
OTHER	N/A
INDICATE ANY POTENTIAL FOR ENC OR LOST CIRCULATION WITHIN THI	
N/A	

## **SECTION 2:**

## WATER USE AND WASTE DISPOSAL

	Source	Use	Average Volume (m³/da
1.	Mackenzie River	camp	22.68 m³/day
2.		road construction	<100m³/day
3.			<100m <sup>3</sup> /day
4.			
			TOTAL: <100m <sup>3</sup> /day
BU	T NOT LIMITED TO, C UIDS?	S CONTAIN DETRIMENTA OIL BASED OR INVERT MU	
***	YES	NO NO	<del></del>
IF	YES, INDICATE SUBST	I ANCES:	
N//	<u> </u>		1
INI	DICATE THE TOTAL E	ESTIMATED VOLUME OF D	PRILLING WASTES
INI N/A		ESTIMATED VOLUME OF D	PRILLING WASTES
N/A	A		
N/A	A	CUBIC METRES	
N/A	DICATE METHODS FO	CUBIC METRES	G WASTES.
N/A	DICATE METHODS FO SUMP X DOWN HO	CUBIC METRES OR DISPOSAL OF DRILLING	G WASTES.
N/A	DICATE METHODS FO SUMP X DOWN HO ON-SITE	CUBIC METRES OR DISPOSAL OF DRILLING OLE (REQUIRES NEB APPROTREATMENT (PROVIDE PLA	G WASTES.  VAL) seismic drill cuttings  N)
N/A	DICATE METHODS FO SUMP X DOWN HO ON-SITE TO	CUBIC METRES OR DISPOSAL OF DRILLING OLE (REQUIRES NEB APPROTREATMENT (PROVIDE PLA (GIVE LOCATION ANDMET	G WASTES.  VAL) seismic drill cuttings  N)
N/A	DICATE METHODS FO SUMP X DOWN HO ON-SITE TO	CUBIC METRES OR DISPOSAL OF DRILLING OLE (REQUIRES NEB APPROTREATMENT (PROVIDE PLA	G WASTES.  VAL) seismic drill cuttings  N)
N//	DICATE METHODS FOR SUMP  X DOWN HOTE ON-SITE TO OFF-SITE  Refer to attached Project	CUBIC METRES OR DISPOSAL OF DRILLING OLE (REQUIRES NEB APPROTREATMENT (PROVIDE PLA (GIVE LOCATION ANDMET	G WASTES.  VAL) seismic drill cuttings  (N)  HOD OF DISPOSAL)
N//	DICATE METHODS FO  SUMP  X  DOWN HO  ON-SITE TO  OFF-SITE  Refer to attached Project  A SUMP IS BEING USE	CUBIC METRES OR DISPOSAL OF DRILLING OLE (REQUIRES NEB APPROTREATMENT (PROVIDE PLA (GIVE LOCATION ANDMET ct Description Section 4.2.5	G WASTES.  VAL) seismic drill cuttings  (N)  HOD OF DISPOSAL)
N//	DICATE METHODS FO  SUMP  X  DOWN HO  ON-SITE TO  OFF-SITE  Refer to attached Project  A SUMP IS BEING USE	CUBIC METRES OR DISPOSAL OF DRILLING OLE (REQUIRES NEB APPRO TREATMENT (PROVIDE PLA (GIVE LOCATION ANDMET ct Description Section 4.2.5 ED, ATTACH THE FOLLOW AND DESIGN OF SUMPS,	G WASTES.  VAL) seismic drill cuttings  (N)  HOD OF DISPOSAL)
N//	DICATE METHODS FOR SUMP  X DOWN HOTE ON-SITE TO OFF-SITE  Refer to attached Project  A SUMP IS BEING USE SCALE DRAWINGS A	CUBIC METRES OR DISPOSAL OF DRILLING OLE (REQUIRES NEB APPROTREATMENT (PROVIDE PLA (GIVE LOCATION ANDMET ct Description Section 4.2.5 ED, ATTACH THE FOLLOW AND DESIGN OF SUMPS, C METRES,	G WASTES.  VAL) seismic drill cuttings  (N)  HOD OF DISPOSAL)
N//	DICATE METHODS FOR SUMP  X DOWN HOTE ON-SITE TO OFF-SITE  Refer to attached Project  A SUMP IS BEING USE SCALE DRAWINGS A CAPACTIY IN CUBIC	CUBIC METRES OR DISPOSAL OF DRILLING OLE (REQUIRES NEB APPRO TREATMENT (PROVIDE PLA (GIVE LOCATION ANDMET of Description Section 4.2.5 ED, ATTACH THE FOLLOW AND DESIGN OF SUMPS, C METRES, OTECTION,	G WASTES.  VAL) seismic drill cuttings  (N)  HOD OF DISPOSAL)
N//	DICATE METHODS FOR SUMP  X DOWN HOTE OFF-SITE  Refer to attached Project  A SUMP IS BEING USE SCALE DRAWINGS A CAPACTIY IN CUBIC BERM EROSION PRO	CUBIC METRES OR DISPOSAL OF DRILLING OLE (REQUIRES NEB APPROTREATMENT (PROVIDE PLA (GIVE LOCATION ANDMET ct Description Section 4.2.5 ED, ATTACH THE FOLLOW AND DESIGN OF SUMPS, C METRES, OTECTION, Y AND TYPE	G WASTES.  VAL) seismic drill cuttings  (N)  HOD OF DISPOSAL)
N//	DICATE METHODS FOR SUMP  X DOWN HOTE ON-SITE TO OFF-SITE  Refer to attached Project  A SUMP IS BEING USE SCALE DRAWINGS AT CAPACTIY IN CUBIC BERM EROSION PROSOIL PERMEABILITY	CUBIC METRES OR DISPOSAL OF DRILLING OLE (REQUIRES NEB APPROTREATMENT (PROVIDE PLA (GIVE LOCATION ANDMET of Description Section 4.2.5 ED, ATTACH THE FOLLOW AND DESIGN OF SUMPS, C METRES, OTECTION, Y AND TYPE IMING WATERS,	G WASTES.  VAL) seismic drill cuttings  (N)  HOD OF DISPOSAL)

2.6	WILL A CAMP BE PROVIDED?				
	YES X	NO			
2.7 IF YES, THEN INDICATE THE CAPACITY AND THE EXPECTED NUMBER OF PERSONS THAT WILL BE ACCOMMODATED.					
	CAPACITY	120	PERSONS		
	MAXIMUM ACCOMMODATED	120	PERSONS		

#### **SECTION 3:**

#### CONTINGENCY, ABANDONMENT AND RESTORATION PLANNING

3.1 ATTACH THE PROPOSED OR EXISTING CONTINGENCY PLAN WHICH DESCRIBES COURSE OF ACTION, MITIGATIVE MEASURES AND EQUIPMENT AVAILABLE FOR USE IN THE EVENT OF SYSTEM FAILURES AND SPILLS OF HAZARDOUS MATERIALS (IN COMPLIANCE WITH NWT WATER BOARD GUIDELINES FOR CONTINGENCY PLANNING, 1987).

See Project Description – Emergency Response Plan is provided in Appendix A.

3.2 ATTACH AN INVENTORY OF HAZARDOUS MATERIALS ON THE PROPERTY (AS DEFINED UNDER TRANSPORTATION OF DANGEROUS GOOD REGULATIONS).

See Project Description-Fuel Storage (Section 4.3.3)

3.3 ATTACH AN OUTLINE OF PLANNED ABANDONMENT AND RESTORATION PROCEDURES.

See Project Description-Section 14.0

#### **SECTION 4:**

#### ENVIRONMENTAL ASSESSMENT AND SCREENING

Your application and other project details, such as this questionnaire, will be sent out for review by local aboriginal and public groups as well as territorial and federal government agencies. Their comments regarding the significance of project impacts are considered before a decision is made to allow the project to proceed. Because formal assessment and screening of water licences was only initiated in about 1989, applicants will find that this process may be required even if the project has been built and in operation for several years. However, if your project has been previously screened a further assessment may not be required, or a more limited process may be used. This will depend on individual circumstances, including the stage of the project. Some projects may need a higher level of review or submission of more information before being screened.

4.1	HAS THIS ASSESSMEN						NITIAL	ENVIR	ONMENTAL
		YES	X		NO				
	IF YES, BY V	WHOM / W	VHEN:	EA complete November 2					
4.2	HAS BASEL THE AREA?		A BEEN	COLLECTI	ED FOR	R TH	E MAIN	WATEF	R BODIES IN
		YES			NO	X			
	IF YES, ATT	'ACH DAT	'A.						
4.3	HAS BASELINE DATA BEEN COLLECTED AND EVALUATED WITH RESPECT TO THE BIOPHYSICAL COMPONENTS OF THE ENVIRONMENT POTENTIALLY AFFECTED BY THE PROJECT (WILDLIFE, SOILS, AIR QUALITY).								
		YES	$\overline{\mathbf{X}}$		NO		l ·		
•	IF YES, ATT Refer to attack			on.					
4.4	ATTACH A ENVIRONM Refer to attack	ENTAL M	ONITOR	RING PROG			EXISTIN	(G	
4.5	HAS A COM	MUNITY	CONSUL	TATION P	ROGRA	м в	EEN INI	<b>FIATED</b>	?
		YES	X		NO				
	IF YES, PROVIDE DETAILS OF THE PROGRAM Refer to attached Project Description.								

## **SECTION 5:**

## LIST OF ATTACHMENTS

Reference to Question #	Title	Number of pages
1.6	Project Description	
1.11	Project Description	· · · · · · · · · · · · · · · · · · ·
2.4	Project Description	
3.1	Project Description	
3.2	Project Description	***
3.3	Project Description	
4.1	Project Description	
4.3	Project Description	<del></del>
4.4	Project Description	
•••••		
****		· · · · · · · · · · · · · · · · · · ·