



MUNICIPAL WATER LICENCE INSPECTION REPORT

DATE:	January 19, 2005	COMPANY REP:	None available
LICENSEE:	Shell Canada Ltd.	LICENCE #:	N7L1-1762

WATER SUPPLY – No Figures

Source:	Mackenzie River and Unnamed Lake	Quantity Used:	None	Meter Rdg:	N/A
Owner/Operator:	Shell Canada Ltd.				

Indicate:		A - Acceptable		U - Unacceptable		N/A - Not Applicable		N/I - Not Inspected	
Intake Facilities	N/I	Storage Structures	N/I	Treatment Systems	N/I	Chem. Storage	N/I		
Flow Meas. Device	N/I	Conveyance Lines	N/I	Pumping Stations	N/I	Modifications	N/I		

Concerns: No concerns at this time as Camp Farewell (the ‘Camp’) has not been used in the last few years.

Notes: No notes

WASTE DISPOSAL – Figures 5,6 below

Sewage	Sewage Treatment System (primary, secondary, or tertiary):		RBC system followed Primary lagoon		
	Natural Water Body:	✓	Continuous Discharge (land or water):	N/A	
	Seasonal Discharge:	✓	Wetlands Treatment:	N/A	Trench: N/A

Solid Waste	Owner/Operator:	Sell Canada Ltd.			
	Landfill:	N/A	Burn & Landfill:		Other:

Indicate:		A - Acceptable		U - Unacceptable		N/A - Not Applicable		N/I - Not Inspected	
Discharge Quality:	N/A	Construction:	N/A	Disch. Meas. Dev.	N/A	Freeboard:	A		
Decant Structures:	N/A	O&M Plan:	A	Dams, Dykes:	N/A	Seepages:	A		
Dyke Inspections:	A	A&R Plan:	A	Erosion:	N/A	Spills:	None		

Periods of Discharge:	Fall decant in 2003 and 2004	Effluent Discharge Rate:	Seasonal discharge.
-----------------------	------------------------------	--------------------------	---------------------

Concerns: No concerns at this time as camp farewell has not been used in the last few years.

Notes:

- Currently no personnel at Camp pertaining to this Licence.
- Currently Chevron is running their 2004/05 Arvoknar, Farewell, Ya Ya 3D seismic program at this Camp. Chevron is not using any of the Camp’s facilities. No sewage from the Chevron program has been deposited into the Camp’s lagoon.
- No problems noted during the 2003 decant of the sewage lagoon.
- During the 2004 decant sample results indicated high pH (> 9): above the MAC for discharge. Upon re-sampling, by this office, pH was below criteria. Decant was then authorized mid September. Possible causes for high pH was sampling and lab error.
- Board approved Water Licence amendment pertaining to discharge criteria (MAC) was received November 28, 2001.

FUEL STORAGE – Figures 7, 8 below

Owner:	Shell Canada Ltd.	Operator:	Shell Canada	Condition of Tanks:	A
Berms & Liners	A	Water within Berm:	None	Evidence of Leaks:	None

Drainage Pipes:	N/I	Pump Station and Catchment Berm:	Demobilized as not in use.
Pipeline Condition:	N/I		

Concerns: No concerns at this time.

Notes:

- Valves and catchment berms (figure 8) were inspected and there was no indication of leaks. There was no evidence of water/ice or fuel in the catchment berms.
- Valves were checked for “sweating”. No evidence of leaks.
- It is my understanding that all of the “merchantable” diesel was used in 2003-2004 for the Chevron Taktuk 3D seismic program. Residual “non-useable” fuel remains and will be salvaged/pumped off in the near future.

SERVELLANCE NETWORK PROGRAM – No Figures below

Samples Collected (Licensee)	Various samples collected at SNP 1762-1 in preparation for the 2004 fall decant of the lagoon.		
(DIAND)	Samples were taken from the lagoon (SNP 1762-1) on September 10, 2004.		
Signs Posted: SNP	None seen.	Warning	N/A
Records & Reporting:	-2002/2003 Annual Report was on time. -QA/QC plan was approved May 2, 2001.		
Geotechnical Inspection	N/A		

Concerns:

1. As per Part B5, please ensure SNP 1762-1 is posted.
2. As per Part F, please ensure the Camp’s Emergency Response Plan/Spill Contingency Plan is updated to reflect recent changes and personnel.
3. As per part G, please ensure the Abandonment and Restoration Plan has been reviewed to reflect recent progression and/or changes.

Notes:

- Please ensure the 2004 Annual Report is submitted before March 31st , 2005.

Non compliance / Violations of Act or License:	No Non-compliance / Violations of Act or Licence
------------------------------------------------	--------------------------------------------------

General / Additional Inspection Comments:

1. There are plans to occupy the facility in February in preparation for Shell’s Geotechnical Program.
2. **As per our December 3, 2004 letter your Water Licence Expires on November 30, 2005.** As suggested please ensure the renewal application is sent to the NWT Water Board at least eight (8) months in advance of the Licence expiry date.

Figures Below:	Yes	X	No	
----------------	-----	---	----	--

Inspectors Name Kevin R. Glowa (M.Sc.,R.P. Bio.) Water Resource Officer	Inspectors Signature 
-------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------

LIST OF FIGURES FOR INSPECTION REPORT

**** (PICTURES WERE TAKEN ON JANUARY 19) ****

Figure 1. General. Camp Farewell north west view.



Figure 2. General. Camp Farewell south view.



Figure 3. General. Camp Farewell south east view.



Figure 4. General. Camp Farewell camp.



Figure 5. Waste Disposal. Camp Farewell sewage lagoon.



Figure 6. Waste Disposal. Sewage spill at Chevron camp sewage storage tanks.



Figure 7. Fuel Storage. North storage tanks.



Figure 8. Fuel Storage. North storage tanks.

