



# Oil and Gas

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March 26, 2001

Mr. Gordon Wray  
Chairman  
Northwest Territories Water Board  
P.O. Box 1500  
Yellowknife, NT  
X1A 2R3

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BOARD.	4
G.W.	1
E.A.	1
W. RES.	ORIG
File-	1759

**Re: Water Monitoring Plan for License No. N7L1-1759**

Dear Mr. Wray:

With reference to the NWT Water Board's License Number N7L1-1759 to Petro-Canada, attached are our February results for the effluent treatment system.

Based on discussions with Scott Gallupe, Water Resources Officer of Indian and Northern Affairs, Petro-Canada has diverted the water effluent system to a pit. Petro-Canada has engaged the services of an independent water consultant to review our operations.

If you have any questions please contact me at (403) 296-7770 or e-mail at [ttaylor@petro-canada.ca](mailto:ttaylor@petro-canada.ca)

Yours truly,

Tim Taylor  
Team Leader, Environment

cc -w/a B. Barrie  
J. Kerkhoven  
C. Pyc - IEG

# Kurk M-15

## Water Reporting Results

Criteria	Limits	Units	22-Jan-01	29-Jan-01	12-Feb-01	24-Feb-01	25-Feb-01	26-Feb-01 14:00	26-Feb-01 17:00
<b>Inlet Water</b>									
Ammonia		mg/L	<0.05						
BOD		mg/L	6						
Oil and Grease		mg/L	<1						
TSS		mg/L	6						
pH			6.5						
Fecal Coliforms		CFU/dL	<1						

### Station SNP 1759-1 (treated water)

Ammonia		mg/L	N/A	77.6	72.5	76.5	77.4	98.4	93
BOD	30	mg/L	N/A	175	533	345	450	450	379
COD		mg/L	N/A	N/A	N/A	660	740	480	480
Oil and Grease	5	mg/L	N/A	69	31	42	39	98	36
TSS	35	mg/L	N/A	129	128	111	113	154	379
pH			N/A	7.7	7.6	7.7	7.5	7.6	7.8
Fecal Coliforms	250	CFU/dL	N/A	16000	16000	1	9000	1	2300

Note 1: Water effluent treatment system not in operation on January 22, 2001

### Station SNP 1759-2 (waste drilling fluids in sump)

KCL	100000	mg/L	N/A	N/A	32300	N/A	N/A	N/A	N/A
Total Petroleum Hydrocarbon		mg/L	N/A	N/A	0.1	N/A	N/A	N/A	N/A

Spud date is February 10, 2001, no material in sump