



# Oil and Gas

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COPY	
BOARD.	✓
G.W.	✓
E.A.	✓
W. RES.	08/6
File-	1759

April 20, 2001



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

**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 March results for the effluent treatment system.

Further details for these results are available either through paper copies or electronically. If you have any questions or would like the detailed back-ups 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	26-Feb-01
<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						
<b>Station SNP 1759-1 (treated water)</b>									
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

# Kurk M-15

## Water Reporting Results

Criteria 12-Mar-01 19-Mar-01 26-Mar-01

Inlet Water	12-Mar-01	19-Mar-01	26-Mar-01
Ammonia			
BOD			
Oil and Grease			
TSS			
pH			
Fecal Coliforms			
Station SNP 1759-1 (treated water)			
Ammonia	68.9	61.3	61.9
BOD		360	342
COD	7450	924	40
Oil and Grease	33	47	122
TSS	145	157	1020
pH	7.3	7.9	7.3
Fecal Coliforms	1600000	1600000	1600000

Note 1: Water effluent treatment syste

Station SNP 1759-2 (waste drilling fl			
KCL	44000	N/A	N/A
Total Petroleum Hydrocarbon	968.3	67	N/A

Spud date is February 10, 2001, no ma