



Mr. Gary Deven
Senior Seismic Supervisor
Shell Canada Limited
400 – 4th Avenue S.W.
Calgary AB T2P 2H5

October 1, 2020

Attention: Mr. Gary Deven, Senior Seismic Supervisor

File Number N7L1 - 1773
Type of Operation Type B - INDUSTRIAL
Location: Mackenzie Delta, Aklavik 2D

An inspection of the above noted operation was conducted by Water Resource Officer, Lloyd Gruben, on July 21, 2020

Weather for the day of the inspection was cloudy, fog patches, +10 degrees Celsius

During the final inspection, with fog patches in the area, we did not land. The pilot flew low enough to allow me to observe the location. With these observations, no concerns were observed. Recommendation to the Inuvialuit Water Board that this water license N7L1 – 1773 be closed.

Enclosed is a copy of the Industrial Water License Inspection Report.

Please contact me if you have any questions or concerns or if you require additional information.

Sincerely,

Lloyd Gruben
Water Resource Officer
Environment and Natural Resources
P.O. Box 2749
Inuvik, NT X0E 0T0
867 – 678 – 6676 (office)
867 – 678 – 0623 (cell)



«INSP_TYPE» WATER USE INSPECTION REPORT

CC:

Norman Snowshoe Superintendent, Dept of ENR

Mardy Semmler – Executive Director, Inuvialuit Water Board

Bijaya Adhikari – Science and Regulatory Coordinator, Inuvialuit Water Board

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«INSP_TYPE» WATER USE INSPECTION REPORT

LICENCE #:	N7L1 - 1773	EXPIRY DATE:	December 31, 2002
LICENCEE:	Shell Canada Limited	PREVIOUS INSPECTION:	None
COMPANY REP:	Gary Deven, Senior Seismic Supervisor	INSPECTION DATE:	July 21, 2020

WATER SUPPLY

Source:	N/A	Quantity Used:	N/A
Owner/Operator:	N/A	Meter Reading:	N/A

Indicate: **A - Acceptable** **U - Unacceptable** **N/A - Not Applicable** **N/I - Not Inspected**

Intake Facilities		Storage Structures		Treatment Systems		Recycling	
Flow Meas. Device		Conveyance Lines		Pumping Stations		Chem. Storage	
						Modifications	

Water Supply Comments:

No Comments

WASTE DISPOSAL - SEWAGE

Disposal Method		N/A					
Mechanical	N/A	Camp Sump	N/A	Natural Water Body	N/A	Wetland Treatment	N/A
Continuous Discharge	N/A	Intermittent Discharge	N/A	Seasonal Discharge	N/A	Land Spread	N/A
Accelerated Biological	N/A	Other	N/A				

Indicate: **A - Acceptable** **U - Unacceptable** **N/A - Not Applicable** **N/I - Not Inspected**

Discharge Quality	N/A	Decant Process & Structures	N/A	Discharge Measurement Device	N/A
Freeboard	N/A	Sludge Disposal Method	N/A		
Periods Of Discharge	N/A			SNP Samples Collected	No
Effluent Discharge Rates	N/A				



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Sewage Comments:

No Comment

Offsite Removal	N/A	Other	N/A
Owner / Operator	N/A		

Indicate: A - Acceptable U - Unacceptable N/A - Not Applicable N/I - Not Inspected

Runoff Diversion	N/A	SNP Samples Collected	No
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Solid Waste Comments:

No Comment

FUEL STORAGE

Indicate: A - Acceptable U - Unacceptable N/A - Not Applicable N/I - Not Inspected

Owner:	N/A	Operator:	N/A	Condition of tanks:	N/A
Berms & Liners	N/A	Water within Berm:	N/A	Evidence of Leaks:	N/A

Drainage Pipes	N/A	Pump Station and Catchment Berm	N/A	Runoff Diversion	N/A
Pipeline Condition	N/A				

Fuel Storage Comments:

No Comment

Downstream Face	Cracking	N/A	Surface Erosion	N/A	Gullyng	N/A	Wave Erosion	N/A	Brushing Required	N/A
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Downstream Discharge	N/A	Stage Discharge Curves	N/A
Forebay Level	N/A	Tail Race Level	N/A
Flow rate (Power House)	N/A		
Flow rate (Spillway)	N/A		
Power Production	N/A		
Forebay Max Level	N/A		
Forebay Min Level	N/A		



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SURVEILLANCE NETWORK PROGRAM

Samples Collected Licencee	No
Samples Collected ENR	No

Signs Posted: SNP	No	Warning	No
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Surveillance Network Program Comments:

No Comment

GENERAL CONDITIONS/REPORTS/PLANS

Indicate: **A - Acceptable** **U - Unacceptable** **N/A - Not Applicable** **N/I - Not Inspected**

C &R Plan	N/A	Records & Reporting	N/A	Final Report	N/A
Geotechnical Inspection	N/A	Posting, Signage	N/A	Contingency Plan	N/A
Restorations Activities	N/A	Spills	N/A	O&M Plan	N/A
Maintenance	N/A	Modifications	N/A	Annual Report	N/A

General Condition Comments:

With the final inspection of water license N7L1 – 1773, we recommend to the Inuvialuit Water Board that this water license N7L1 – 1773 be closed.

ADDITIONAL COMMENTS/REMARKS

None

MATTERS FOR FOLLOW UP

None

NON-COMPLIANCE/VIOLATIONS OF ACT OR LICENCE

None

Inspector’s Signature: _____



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INSPECTION IMAGES



Figure 1 Shot of Shell Seismic Camp location, N7L1 – 1773, July 21, 2020



Figure 2 Shot of Shell Seismic Camp Location, N7L1 -1773, July 21, 2020

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