

Federal Institute for Geosciences & Natural

Licensee

## WATER LICENCE INSPECTION FORM

Licensee Representative

Dr. Karsten Piepjohn

$\boxtimes$	Original
	Follow-Up Report

Licence No. / Expiry		Representative's T	itle			
8WLC-PEA1718						
Land / Other Authorizations Land ,			Land / Other Auth	nd / Other Authorizations		
Date of Inspection			Inspector			
				teith. Erik Allair	n & Jeremy Fraser	
Activities Inspected						
☐ Roads/Hauling	☐ Drilling ☐ Other:	☐ Mining	Construction Other:	on 🔀 Recla	mation 🔀 Fuel Storage	
Conditions:	A- Acceptable	U-Unacceptable	C-Concern	NI-Not Inspect	ed NA- Not applicable	
PART:				Condition	Observation No.*	
A: SCOPE, DEFINITIO	NS AND ENFORCEME	NT				
B: GENERAL CONDIT	IONS			А		
C: CONDITIONS APPL	YING TO SECURITY			NI		
D: CONDITIONS APP	LYING TO WATER US	E		А	1,5,9, 13 &17	
E: CONDITIONS APP	LYING TO WASTE DIS	POSAL AND MANAGEI	MENT	А	2-4,6-8,10-12,14-16,18-20	
F: CONDITIONS APPL	YING TO MODIFICAT	IONS		NI		
G: CONDITIONS APPLYING TO CONSTRUCTION				NI		
H: CONDITIONS APP	LYING TO EMERGEN	NTINGENCY	А			
PLANNING						
I: CONDITIONS APPL	YING TO ABANDONN	MENT, RECLAMATION	AND	A		
CLOSURE PLANNING						
J: CONDITIONS APPL	YING TO MONITORIN	G		А		
SCHEDULES				А		
	*The observat	ion number correspon	ds with specific (	comments provided	d below.	
		Location(s):				
Samples taken by Ins	spector:	Stenkul Fiord Site C	amp: N77.3603°	, W83.5566° check		
Base Camp Yverton Inlet: 82.1033			Inlet: 82.1033°	N 81.6914°W checl	k	
Yelverton Volcanics Camp: 81.8031						
	Wootton Peninsula Camp: 82.3414					
Yes No Otto Fiord North Strip: 81.2280 °N 85.8322°W check						
SECTION 1 Comments (s) Non-Compliance with Act or Licence (s) Action Required (s)						
SECTION 1	Comments (s	Non-com	phance with At	t of Licence (5)	Action Required (5)	

### **BACKGROUND**

The CASE-program was initiated in 1988 by Dr. Franz Tessensohn (Estrada et al., 2009, 30 years of terrestrial polar research - a retrospective (PDF, 6 MB)) under the name "Correlation of Alpine Structural Events in Spitsbergen and North Greenland." After two pre-site surveys in cooperation with the University of Münster in 1988 and 1991, the first BGR expeditions were carried out to Spitsbergen in 1992 (CASE 1) and North Greenland in 1994 (CASE 2). The original study areas were subsequently extended to Ellesmere Island and Siberia, and the CASE program was renamed to "Circum-Arctic Structural Events" in 1998. Since 1992, BGR has organized expeditions to Svalbard, North Greenland, the Canadian Arctic Archipelago, Yukon North Slope, and Siberia in cooperation with the Geological Survey of Canada (GSC), the Yukon Geological Survey (YGS), the Geological Survey of Denmark and Greenland (GEUS), the Norwegian Polar Institute (NP), the Karpinsky All Russian Geological Research Institute (VSEGEI), and a number of universities and natural museums. The CASE program has therefore provided an inclusive platform for government and university researchers to perform field-based multidisciplinary scientific studies in a very remote part of the world, the results of which inform and compliment offshore geophysical research also sponsored by BGR.

Dr. Karsten Piepjohn of the Federal Institute for Geosciences and Natural Resources applied for a water licence on February 14, 2017 to conducted mulitidisciplinary work at Skenkul Fiord, Yverton Inlet, Yelverton Volcanics camp, Wootton Peninsula, and Otto Fiord. Dr. Karsten Piepjohn was issued 8WLC-PEA1718

# **Inspector Statement**

On July 21, 2018, A Water Licence Inspection by Water Resource Officer Joseph Monteith, by way of Aerial Survey was conducted at Stinkul Fiord, Base Camp Yverton, Yelverton Volcanic Camp, Wootton Peninsula Camp, and Otto Fiord Strip, on Ellesmere Island, Qikiqtani Region, Nunavut, for water licence 8WLC-PEA1718.



## Stinkul Fiord (photo 1 to 6)

## **Water Supply Facilities**

1. No signs of water use or equipment to withdrawal water, or contain it.

#### Waste

- 2. No Signs of any latrine pits, or grey water sump pits.
- 3. No signs of fire pits.
- 4. No solid waste one site

### Yverton Inlet (photo 7 to 9)

#### **Water Supply Facilities**

5. No signs of water use or equipment to withdrawal water, or contain it.

#### Waste

- 6. No Signs of any latrine pits, or grey water sump pits.
- 7. No signs of fire pits.
- 8. No solid waste one site

### Wootton Peninsula (photo 10 to 12)

## **Water Supply Facilities**

9. No signs of water use or equipment to withdrawal water, or contain it.

#### Waste

- 10. No Signs of any latrine pits, or grey water sump pits.
- 11. No signs of fire pits.
- 12. No solid waste one site

## Otto Fiord (photo 13)

# **Water Supply Facilities**

13. No signs of water use or equipment to withdrawal water, or contain it.

#### Waste

- 14. No signs of any latrine pits, or grey water sump pits.
- 15. No signs of fire pits.
- 16. No solid waste one site

# Yverton Volcanic Camp (photo 14)

# **Water Supply Facilities**

17. No signs of water use or equipment to withdrawal water, or contain it.

### Waste

- 18. No signs of any latrine pits, or grey water sump pits.
- 19. No signs of fire pits.
- 20. No solid waste one site

SECTION 2	Comments	Non-Compliance with Act or Licence	Action Required			
All sites appeared to be brought back to near pristine condition. I recommend closure to this water licence.						
SECTION 3	Comments	Non-Compliance with Act or Licence	Action Required			
Click here to enter text.						

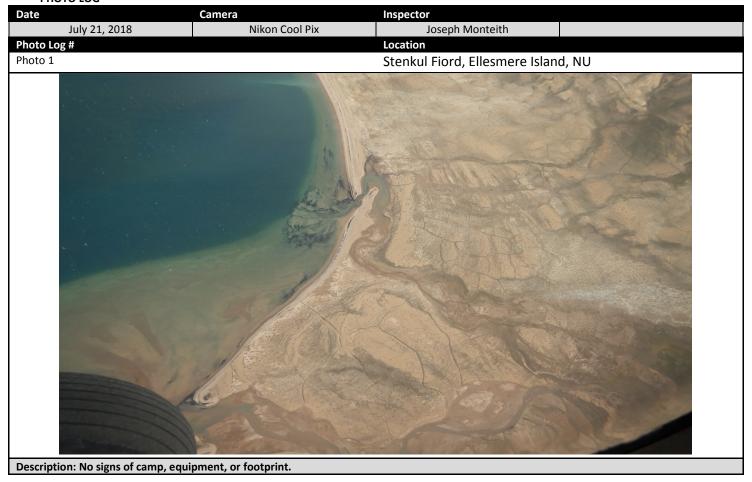
Licensee or Representative	Inspector's Name	
	Joseph Monteith	
Signature	Signature	
	Augh Martill.	
Date	Date	
	January 21, 2020	



CC: Licensing Department, NWB

Justin Hack, Manager of Field Operations, CIRNAC

### PHOTO LOG









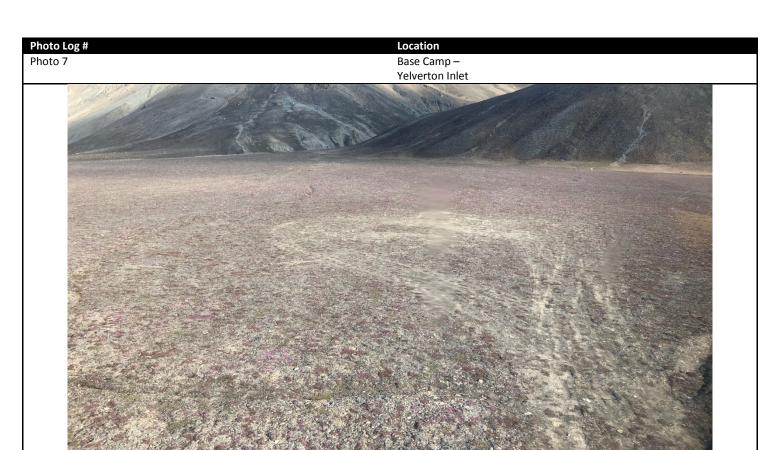












Description: Site of the Base Camp – Yelverton Inlet. Minor footprint. No signs of equipment, garbage, or infrastructure. Minor rutting footprint









