



WATER LICENCE INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee		Licensee Representative	
David Rochette Regional Director General Department of Indigenous and Northern Affairs Canada P.O. Box 2200 Iqaluit, NU X0A 0H0 E-mail:		Ben Lefebvre – Englobe (Biogene)	
Licence No. / Expiry		Representative's Title	
1BR-DPI1217		Site Supervisor	
Land / Other Authorizations		Land / Other Authorizations	
N2012X0011		2014QP0027	
Date of Inspection		Inspector	
August 1, 2016		A.Keim	
Activities Inspected			
<input checked="" type="checkbox"/> Camp <input type="checkbox"/> Drilling <input type="checkbox"/> Mining <input type="checkbox"/> Construction <input checked="" type="checkbox"/> Reclamation <input checked="" type="checkbox"/> Fuel Storage			
<input type="checkbox"/> Roads/Hauling <input type="checkbox"/> Other: Water Discharge <input type="checkbox"/> Other: Municipal			

Conditions:		A - Acceptable		C - Concern		U - Unacceptable		NA – Not Applicable		NI – Not Inspected	
Water Use		Site Conditions		Haz/Mat Management							
	Condition	Comment		Condition	Comment		Condition	Comment			
Intake/Screen	NA		Water Management Structures	NA		Storage	A				
Flow Measure. Device	NA		Culverts / Bridges	NA		Spills	NI				
Source: Station Creek	NA		Drainage	NA		Spill Plan	NI				
Water Use:	NA		Erosion / Sediment	NA							
Recirculation (y /n)	NA		Mitigation Measures	A		Administrative					
			Reclamation Activities	A		Records	A				
			Materials Storage	A		Reports	A				
Waste Disposal			Signage	NA		Plans	A				
Waste Water	NA					Notifications	A				
Solid Waste	A		Monitoring			Other					
Hazardous Waste	A		Sample Collection / Analysis	A							
*The number in the comments field will correspond with specific comments provided below.											
Samples taken by Inspector:			Location(s): None were collected during the period of Inspection								
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No											

SECTION 1	<input checked="" type="checkbox"/> Comments (s.____)	<input type="checkbox"/> Non-Compliance with Act or Licence (s.____)	<input type="checkbox"/> Action Required (s.____)
Administration			
<p>This project consists of 2 sites: Durban Island, a former DEW line site located off the east coast of Baffin Island in Nunavut (67°05' N, 62°07' W). The site was closed in the early 60s. There is no airstrip located at the site so during the construction (remediation) one was constructed at the summit. The site was found to have hydrocarbon contaminated soil, PCB's and other common contaminations including lead paint surfaces etc. Drums and other buried debris were identified in the original remediation plan. At the time of the Inspection all work on the Durban Island location had been completed and a fly over inspection was all that was required to confirm that all work was found to be done. No remedial work was identified during the inspection however it was noted that the runway at the summit had been left in place.</p> <p>The second site is Padloping Island which is a former US Coast Guard Weather Station, located at 67° 02' N, 62° 44' W in Merchants Bay Baffin Island. Additionally, this site was a traditionally used camping location that eventually developed into an unorganized community and permanent residency. The Hamlet was closed/ relocated to the community of Qikiqtarjuaq (Broughton Island) in the 1960s. The weather station and community were co-located on the island and clean up included buildings, fuel tanks, generator and buildings, warehouses and over 1000 barrels and unsorted hazardous wastes.</p> <p>Administration</p> <p>The Inspector would like to thank Mr. Ben Lefebvre the Englobe representative on site during the Inspection. His assistance in explaining the site and the state of the reclamation was very helpful.</p> <p>Prior to the Inspection a review of the Nunavut Water Board (NWB) ftp site was completed and an annual report for 2014 was located and reviewed prior to attending the site. No report from 2015 appears to have been filed as required.</p>			



Expected work in 2016 included:

- It is noted that work on Durban Island has been completed and was ready for a closure Inspection.

Work to be completed on Padloping Island :

- camp opening and operation
- debris consolidation, bagging and removal
- contaminated soil collection and removal
- regrading
- camp decommissioning and removal
- construction / Placement of a small cabin or placement of sea cans as an shelter on Padloping Island for local use (on Inuit Owned Lands)

It is noted that during the Inspection this work was nearly completed on Padloping Island.

SECTION 2

☐ Comments (s.__)

☐ Non-Compliance with Act or License (s.__)

☐ Action Required (s.__)

Inspection Findings:

Upon arrival the Inspector was met by Mr. Ben Lefebvre, the site manager for the Contractor completing the clean up. Mr. Lefebvre was very knowledgeable and helpful during the Inspection. We initially took a walk around the camp and workshop area. It was noted that only two pieces of equipment and one vehicle had been mobilized from the beach area to complete the work required at the main camp and community site on Padloping Island. The majority of the work had been completed the year before and this was the final clean up that needed to be done. In total there were only 6 people on site.

Water Use:

Water is collected from the fresh water lake in Buckets and used in Camp. Total water use for the duration of the camp and project is well below the license limit of 36,000 liters per day. No other water usage was noted during the period of Inspection.

Deposit of Waste:

- No hazardous waste was identified during the period of Inspection.
- No fuel spills were identified during the period of Inspection
- Domestic waste generated from camp activities is incinerated on site.

Activities on site at the time of the Inspection :

- Camp (6 man) operations.
- Removal and sorting of Waste metal debris
- Collection of PHC soils into maxi bags for shipment off site
- Re-contouring of roadways and borrow areas and general site re-grading.
- Site was to close within two weeks.

SECTION 3

☐ Comments (s.__)

☒ Non-Compliance with Act or License (s.__)

☐ Action Required (s.__)

No instances of non-compliance were identified during the period of Inspection.

Pending review of the annual report it is recommended that upon application by the licensee that the license may be closed.



Photo Log

Date	Authorization	Camera	Inspector
August 1, 2016	1BR-DPI1217	Sony Cyber shot	A. Keim



Figure 1 Durban Island - Lower site - Fuel tank pads reclaimed



Figure 2 Durban Island. Road to upper site / summit



Figure 3 Durban Island Summit(1)



Figure 4 Durban Island Summit(2)



Figure 5 Durban Island Summit(3)

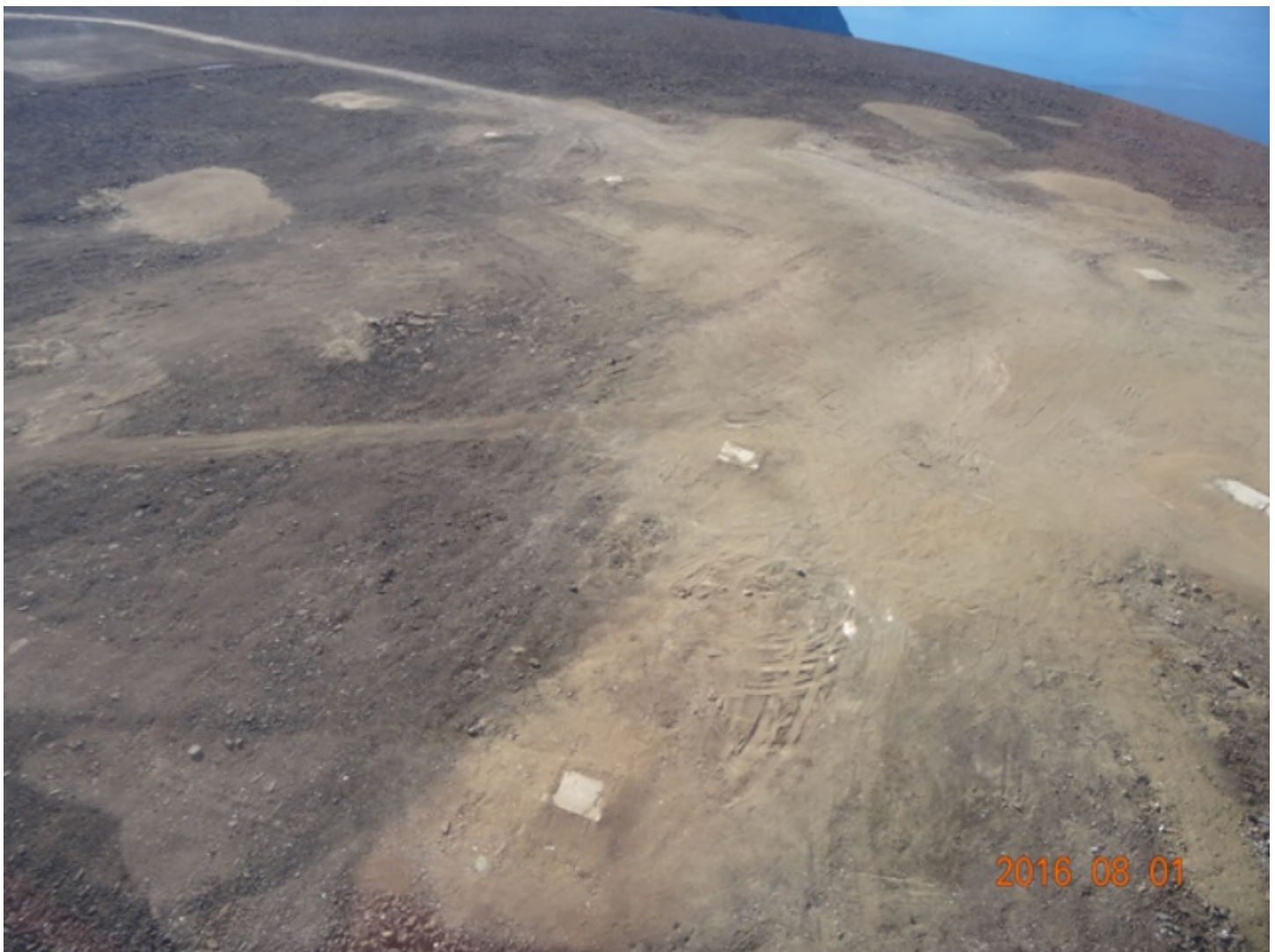


Figure 6 Durban Island Summit(4) - Note concrete pads that could not be removed



Figure 7 Duban Island - Road between upper and lower sites. note reclaimed borrows.



Figure 8 Durban Island - Lower site/ beachhead lay down



Figure 9 Padloping Island - Beach head and consolidated camp and facilities



Figure 10 Padloping Island - Camp and Local Boat



Figure 11 Padloping Island Main camp

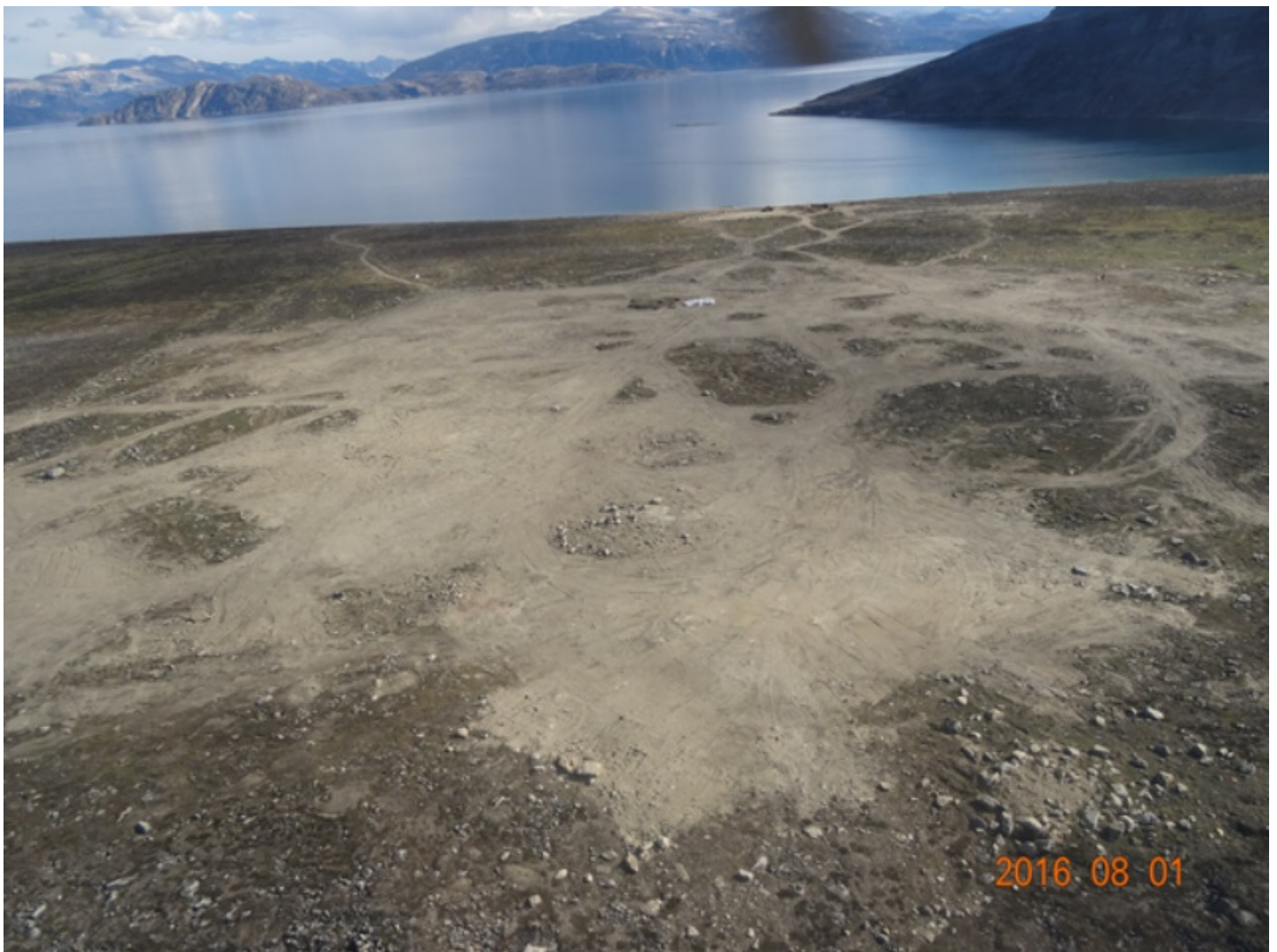


Figure 12 Padloping Island main camp (2)



Figure 13 Padloping Island – Main camp – white bags of contaminated soils to be hauled off site.



Figure 14 Padloping Island - Main camp on Left and old town site on right



Figure 15 Padloping iland lower town site



Figure 16 Clean up . last stages - metal debris is collected into bags for transport off site



Figure 17 Padloping island final clean up



Figure 18 Padloping island - bags of metal debris



Licensee or Representative	Inspector's Name
	A. Keim
Signature	Signature
	On original document
Date	Date
	27/6/2016

Office Use Only:	Follow-up report to be issued by Inspector	<input type="checkbox"/> Yes <input type="checkbox"/> No
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