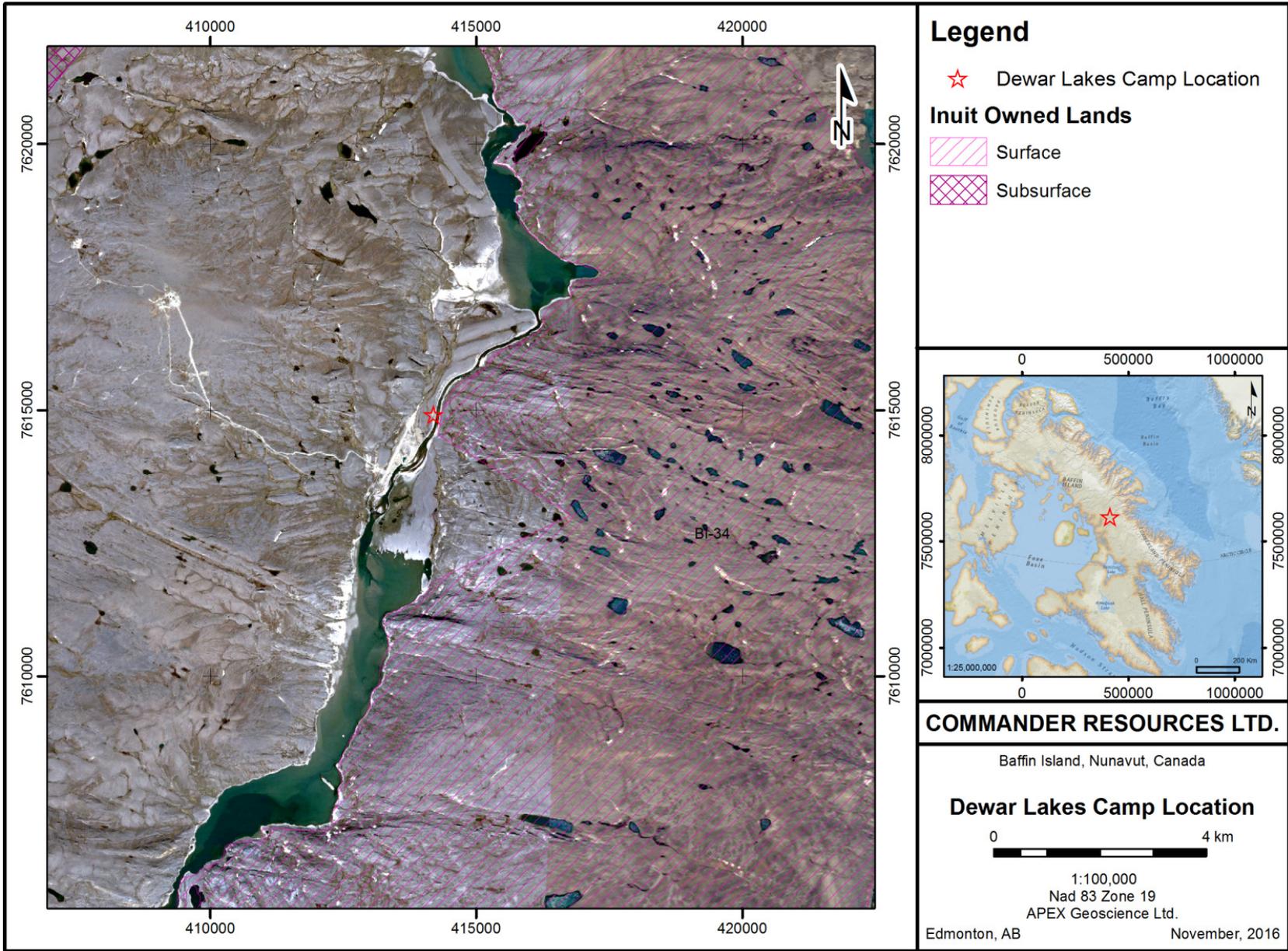


Appendix 1: Figures



Appendix 2: Backhaul Log

Baffin Property 2017 Backhaul Log													
Date	Charter Company	Returning to:	Reason / Cargo	IN					OUT				
				Passengers	Jet	P50	Gas	Propane	Freight	Passengers	Drums	Propane	Garbage
23-Jul-17	Kenn Borek DC3	Iqaluit	IN: Dave, Cliff, Propane, Camp Gear. OUT: Empty Drums, Megabag of Garbage	2				1	Y	20		1	
24-Jul-17	Kenn Borek DC3	Iqaluit	IN: Bill, Pierre, Solomonie OUT: Empty Drums, Megabag of Garbage	3	10			1		20		1	
24-Jul-17	Kenn Borek DC3	Iqaluit	IN: Jet Fuel, Diesel, jerry cans of Gasoline, Camp Gear. OUT: Empty Drums, 2 Megabags of Garbage		12	1			Y	10		2	
25-Jul-17	Kenn Borek DC3	Iqaluit	IN: Thomas, Jet Fuel, Gasoline. OUT: Empty Drums	1	14		1			31			
26-Jul-17	Kenn Borek DC3	Iqaluit	IN: Jet Fuel, Propane. OUT: Empty Drums, Megabag of Garbage		12			1	Y	33		1	
29-Jul-17	Kenn Borek DC3	Iqaluit	IN: Tyler, Jet Fuel, Propane. OUT: Pete, Empty Drums, 10 Megabags of Garbage	1	10	3		1	Y	1	20	10	
29-Jul-17	Kenn Borek DC3	Iqaluit	IN: Jet Fuel, Diesel. OUT: 10 Megabags of Garbage + Scrap Metal		4	2						10	
30-Jul-17	Kenn Borek DC3	Iqaluit	IN: Diesel, Propane, Freight. OUT: 20 Megabags of Garbage, Appliances, Stoves			2		2	Y			20	
31-Jul-17	Kenn Borek DC3	Iqaluit	IN: Emily, Cam, Danielle, Fernando, Jimmy, Peter, Groceries. OUT: Andy, Berm Material	6	4	2	1	2	Y	1		10	Y
9-Aug-17	Kenn Borek King Air	Iqaluit	IN: Groceries, Geology Supplies. OUT: Andy, Berm Material						Y	1			Y
17-Aug-17	Air Nunavut Super King Air	Iqaluit	IN: Helicopter parts. OUT: Jeff, Peter, Emily, Danielle, Fernando, Solomonie, Rock Samples							6			Y
19-Aug-17	Summit Air Dornier	Iqaluit	OUT: Bill, Pierre, Rock Samples, Soil Samples							2			Y
19-Aug-17	Summit Air Dornier	Iqaluit	OUT: Generator, Soil Samples, Tents, Camp Gear, Helicopter Gear, First Aid Equipment										Y
19-Aug-17	Summit Air Dornier	Iqaluit	OUT: Cam, Dave, Jimmy, Thomas, ATV, Camp Gear, Garbage							4		Y	Y
20-Aug-17	Summit Air Dornier	Yellowknife	OUT: Dave, Camp Gear, Communications, First Aid Equipment, Helicopter Gear							1			Y

Appendix 3: Water Use Inspection Report – Justin Hack

WATER USE INSPECTION FORM

Original
 Follow-Up Report

Licensee Commander Resources Ltd	Licensee Representative Robert Cameron/Tara Gunson
Licence No. / Expiry 2BE-NAD1722	Representative's Title
Land / Other Authorizations --	Land / Other Authorizations --
Date of Inspection August 14, 2017	Inspector Justin HACK
Activities Inspected	
<input type="checkbox"/> Camp <input type="checkbox"/> Drilling <input type="checkbox"/> Mining <input type="checkbox"/> Construction <input type="checkbox"/> Reclamation <input type="checkbox"/> Fuel Storage <input type="checkbox"/> Roads/Hauling <input type="checkbox"/> Other: <input type="checkbox"/> Other:	

Conditions:		A - Acceptable	C - Concern	U - Unacceptable	NA – Not Applicable	NI – Not Inspected		
Water Use	Condition	Comment	Site Conditions	Condition	Comment	Haz/Mat Management	Condition	Comment
Intake/Screen	A		Water Management Structures	NA		Storage	A	
Flow Measure. Device	A		Culverts / Bridges	NA		Spills	A	
Source:	A		Drainage	A		Spill Plan	A	
Water Use:	A		Erosion / Sediment	A				
Recirculation (y /n)	NA		Mitigation Measures	NA		Administrative		
			Reclamation Activities	NA		Records	A	
			Materials Storage	A		Reports	A	
Waste Disposal			Signage	NA		Plans	NI	
Waste Water	A					Notifications	NI	
Solid Waste	A		Monitoring			Other		
Hazardous Waste	NA		Sample Collection / Analysis	NA				

*The number in the comments field will correspond with specific comments provided below.

Samples taken by Inspector: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Location(s):
--	--------------

SECTION 1 Comments (s.1) Non-Compliance with Act or Licence (s.__) Action Required (s.__)

Background

Commander Resource Ltd has been issued a Type B Water Licence (2BE-NAD1722) for the use of 2m³ per day of water and the deposit of waste during camp operations and related activities at the Baffin Island Project located at N68°37'59", W71°06'38" (see *Photo 1*). This licence is valid until July 17, 2022.

Inspection Report

Water Use

1. The licensee was withdrawing water from the stream next to camp, as approved by the NWB.
2. The pump was in secondary containment and water quantity was being recorded.
3. No erosion to banks or sedimentation was occurring as observed related to this use of water.
4. There was a screen attached to the pump hose (see *Photo 2*).

Waste Disposal

5. Greywater was being directed to a sump located greater than 31m from the stream (see *Photo 3*).
6. Solid waste was not being stored in a way in which it would likely effect inland waters.
7. Sewage wastes were being contained within Pacto toilets.

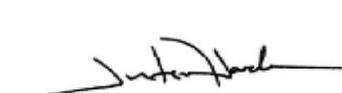
Other notes:

8. All fuel on site was contained within secondary containment or greater than 31m from the nearby river.
9. The incinerator was active at the time of the inspection and is located greater than 31m from the river.
10. No spills were noted.

[Click here to enter text.](#)

SECTION 2 Comments (s._2_) Non-Compliance with Act or Licence, (s.__) Action Required (s.12)

There were no concerns noted related to this Licensee's use of water or deposit of waste

Inspector's Name Justin Hack	
Signature	
	





Date

September 26, 2017



Photo 1: Overview of camp.



Photo 2: Water pump with intake screen in blue.



Aboriginal Affairs and
Northern Development Canada

Affaires autochtones et
Développement du Nord Canada



Photo 3: Sump where greywater is discharged.

Canada

Appendix 4: Seasonal Camp Shutdown Inspection Record

Area	Complete	Comment	Inspected
General Camp area			
General camp area inspected for any waste, spills or contamination	✓	There were no spills in 2017	David Scott
General camp area secure for winter	✓		David Scott
All combustible and non-recyclable waste incinerated	✓		David Scott
All non-combustible waste prepared for removal	✓		David Scott
Any unnecessary or excessive vegetation damage	✓		David Scott
Buildings and Content			
All tents and building complexes secured for the winter and cleared of any debris	✓	Canvas tents set up in 2017 were removed from site for the winter. Remaining wooden structures were secured for the winter.	David Scott
All office equipment; furniture; kitchen equipment; recreational equipment and other mobile heavy equipment will be winterized and secured	✓	Office equipment secured in the tool shed. Plywood furniture neatly stacked on remaining tent floors.	David Scott
Any equipment not capable of withstanding the harsh winter conditions will be removed	✓	Kitchen equipment, propane stove, propane dryer and ATV were to Iqaluit for the winter.	David Scott
Area inspected for petroleum spills or contamination	✓	There were no spills in 2017	David Scott
Water Supply System			
Water pumps, filtering systems, water lines and any other equipment associated with the water supply system drained and winterized	✓	Water pump and supply hose sent to Iqaluit for the winter	David Scott
Water pump shed will be secured	✓		David Scott
Area inspected for petroleum spills or contamination	✓	There were no spills in 2017	David Scott
Sewage System			
Greywater system drained	✓		David Scott
Pacto units cleaned	✓		David Scott
Pacto shed cleaned and winterized	✓		David Scott
Waste Incinerator			
Incinerator fuel supply shut off using all valves	✓		David Scott
Incinerator fuel in appropriate and functional secondary containment	✓		David Scott
Area inspected for petroleum spills or contamination	✓	There were no spills in 2017	David Scott
Incinerator area cleared of any debris	✓		David Scott
Electrical System			
Generator shack and surrounding area inspected for signs of spills and remaining wastes such as oil and grease	✓	There were no spills in 2017	David Scott
Generator drained of fuel and removed from camp	✓	Generator returned to Discovery Mining Services in Yellowknife for the winter	David Scott
Generator shack secured for winter	✓		David Scott
All electrical wire, plugs and sockets which remain in their installed location are safe and secure	✓	Electrical panel with 100' cord was transported to Iqaluit for storage over the winter	David Scott
All electrical cords temporarily connected to a building or machinery unplugged, rolled and stored	✓		David Scott
Camp Heating Systems			
Each 205L fuel barrel attached to respective tent or building secured and within secondary containment	✓		David Scott
All remaining fuel lines will be burned out	✓		David Scott
Empty propane cylinders ready for transport for refilling or recycling	✓		David Scott
Petroleum Products and Storage Facilities			
All fuel stored in appropriate and functional secondary containment	✓	See section 5.2 for details. Wobble pumps moved to Iqaluit for storage over the winter.	David Scott
All fuel storage areas GPS location recorded	✓		David Scott
All fuel labelled properly	✓		David Scott
Area inspected for spills or contamination	✓	There were no spills in 2017	David Scott
Fuel storage area cleared of any debris	✓		David Scott
Chemicals and Hazardous Waste			
All chemicals stored in appropriate building or within functional secondary containment	✓		David Scott
All household cleaners properly secured and stored for winter	✓		David Scott
All remaining waste fuel, oil and grease stored in approved and labelled containers for reuse during summer operations	✓		David Scott
All hazardous waste that cannot be reused properly stored, sealed, labelled and prepared for removal	✓		David Scott

Area	Complete	Comment	Inspected
Area inspected for spills or contamination	✓	There were no spills in 2017	David Scott
Area cleared of any debris	✓		David Scott
Spill Response Kits			
Spill kits not needed over winter relocated to secured building	✓		David Scott
Emergency Response	✓		David Scott
Fire extinguishers in working order and secure in all necessary locations	✓	Upon camp closure, all fire extinguishers were prepared for removal.	David Scott
Smoke/CO2 detectors in working order and secure in all necessary locations	✓	Smoke/CO2 detectors were moved to the metal silo for storage over the winter.	David Scott
Fire extinguishers moved to secure building for the winter	✓	Fire extinguishers moved to Iqaluit for the winter	David Scott
Transportation			
Transport areas including helipads and ATV trails inspected for spills or contamination	✓	There were no spills in 2017	David Scott
Vehicles prepared for transport offsite for the winter	✓	The ATV and trailer were transported off site for the winter	David Scott
Documentation			
Notification of all required authorities of seasonal shut down	✓	Sent September 15, 2017 to INAC and NWB by APEX on behalf of Commander	Tara Gunson
Inspections recorded	✓	INAC/NWB Inspection on August 14, 2017. Daily visual inspections were conducted by David Scott.	David Scott
Photos taken of camp and fuel cache	✓	Closure photos included in Section 2.2	Cam Barker, Patrick Robert
GPS coordinates recorded for camp, fuel storage area and wildlife sightings	✓		Emily McNie
Descriptions recorded for all wildlife sightings	✓	Wildlife Observational Log included in Section 4	Emily McNie
Year-end inventory of all equipment and buildings left on site	✓	Inventory included in Appendix 4	David Scott

Appendix 5: Camp Inventory Record

Camp Gear

Item	Quantity
showers	5
laundry sinks	2
pex	40'
1 1/2" abs	40'
2" abs	40'
grease trap	1
250 gallon water tanks	2
pacto	1
pacto bag refills	2
coffee maker (small)	1
kettle	1
fridge	1
washer	1
freezer	1
extension cords	15
fold out chairs	10
fold out tables	2
screws/nails	small amount
lightbulbs	20
6" chimneys	9+
drip pans	20
water supply hose	3
blue collapsible hose	3
core splitter	1
core saw	1
mega bags	80
electrical cable-various sizes	various lengths
berm	1
oil cloth	1/2 roll
floors	10
bathroom sinks	3
kitchen sinks	3
blue tarps	4
long handle shovels	3
short handle shovels	5
geotools	8+
rice bags	2 rolls

Office Supplies

Item	Quantity
Scribe	1
Chap Stick	6
Rite in the Rain - small	1
Rite in the Rain - large	1
Flagging Tape	23
Sun Screen	3
Bug Spray	11
Bug Vests	12
Zip Ties	5
Swing Magnet	2
Paper	1.5 packs
Avery Shipping Labels	20
Sticky Notes	11
Yellow Highlighter	6
Stapler	2
Pencils	17
Uni-Ball Pens (Black)	13
Highland Clear Tape	1
Small Binder Clip	2
Medium Binder Clip	1
Heavy Duty Staples	1
Standard Staples	2 boxes
Bick Pens (Blue)	8
Duct Tape	1
Push Pins	1 box
Black Bound Notebook	3
12W Wall Charger	1
Box Cutter	2
Scissors	2
Extension Cord	2
Soil Bags	1400
Poly Bags	250
Canon PIXMA MX492 Printer	1
HP Color Laser Jet PRO MFP M177fw Printer	1

Safety Gear

Safety Glasses	7
Safety Helmet	2
Safety Vest	3
Yellow Ear Buds	200
Gloves	7

Appendix 6: Incinerator Log

Date	Kitchen (Garbage Bags)	Garbage (Garbage Bags)	Pacto (Garbage Bags)	Employee
31-Jul-17	2	1	1	DS
01-Aug-17	4		1	DS
02-Aug-17	2	2		DS
03-Aug-17	6			DS
04-Aug-17	10			DS
05-Aug-17	8		2	DS
06-Aug-17	6			DS
07-Aug-17	4			DS
08-Aug-17	6	1	1	DS
09-Aug-17	6			DS
10-Aug-17	6	1	1	DS
11-Aug-17	7	1		DS
12-Aug-17	9	2	2	DS
13-Aug-17	5	1		DS
14-Aug-17	8	1		DS
15-Aug-17	8		2	DS
16-Aug-17	8	1		DS
17-Aug-17	9	2	2	DS
July	2	1	1	
August	112	12	11	
TOTAL	114	13	12	

Appendix 7: Nunatta Environmental Services Waste Disposal Summary

Nunatta Environmental Services Inc.



P.O Box 267

Iqaluit, NU, X0A 0H0

(867) 979-1488

nunatta@northwestel.net

**Garbage Sorting and Waste Disposal Activities
Dewar Lakes Camp Trash
Iqaluit, Nunavut**

FINAL REPORT

Prepared for:
Kivalliq Energy Corp.
1020-800 West Pender Corp Street
Vancouver, BC, Canada
V6C-2V6

Prepared by:
Nunatta Environmental Services Inc.
P.O Box 267
Iqaluit, Nunavut, X0A 0H0

Nunatta Environmental Services
2017

Garbage Sorting and Disposal from Dewar Lakes Exploration Camp

November 29, 2017

Nunatta was contacted by Martin Barbe to receive drums for crushing at the landfarm in Iqaluit. He told me the materials were from the Dewar Lakes camp site and that Andrew Berry from Kivalliq Energy Corp. would be calling with instructions for disposal and invoicing. Andrew Berry called from the cleanup location and introduced himself and who he worked for then gave me the address and phone numbers for invoicing.

We received 100 empty drums over the period of a few weeks, some of which contained small amounts of hydrocarbons. This was sucked out prior to crushing of the drums. Eleven drums arrived with noticeable amount of liquid and a few were full. When we consolidated these and added what was removed from the empty drums it came to 7 drums of product. This included used oil, old fuel, fuel and water mix. This was banded to skids and shipped south to be recycled and or disposed in an environmentally friendly manner.

The receiving recycler we use is
Global Recouperation,
1071 Principale, St-Pierre Baptiste,
QC G0P-1K0,
Phone 418-453-2424 or
www.globalrecouperation.com

Wood, cardboard and metals were all sorted and then taken to the city of Iqaluit landfill where each component is offloaded into its own area to be dealt with independently from the household waste. Metals are crushed and shipped out at the end of the shipping season to be recycled. Wood is shredded and used to cover the landfill garbage. Cardboard is baled and shipped out when enough has been gathered to warrant removing it. Burning as in the past has been stopped in Iqaluit. In all six trip to the dump were made by Nunatta staff.

6 X 100 lb Propane tanks have been stored in Nunatta Landfarm until next sealift when they will be sent south for reuse. Shipping company did not remove all waste this fall due to a large amount of scrap metal being shipped out.

The bulk bags were cleaned out and if in good shape Nunatta Environmental Services folded them and put away for future use.

James H. Wilson GM/VP
Nunatta Environmental Services Inc.

Appendix 8: Water Use Log

Date	Gallons/day	Cubic metres/day	Employee
28-Jul-17	250	0.95	DS
29-Jul-17	0	0.00	
30-Jul-17	0	0.00	
31-Jul-17	250	0.95	DS
01-Aug-17	125	0.47	DS
02-Aug-17	0	0.00	
03-Aug-17	250	0.95	DS
04-Aug-17	200	0.76	DS
05-Aug-17	200	0.76	DS
06-Aug-17	150	0.57	DS
07-Aug-17	200	0.76	DS
08-Aug-17	200	0.76	DS
09-Aug-17	250	0.95	DS
10-Aug-17	200	0.76	DS
11-Aug-17	200	0.76	DS
12-Aug-17	200	0.76	DS
13-Aug-17	200	0.76	DS
14-Aug-17	200	0.76	DS
15-Aug-17	200	0.76	DS
16-Aug-17	200	0.76	DS
17-Aug-17	250	0.95	DS
18-Aug-17	0	0.00	
19-Aug-17	0	0.00	
TOTAL	3725	14.10	
Daily Average	162	0.61	