



WATER LICENCE INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee		Licensee Representative	
Cameco Corporation		Rebecca Hunter, P. Geo Leon Davis, Site Manager	
Licence No. / Expiry		Representative's Title	
2BE-QAM1217		-----	
Land / Other Authorizations		Land / Other Authorizations	
KVL307C02		N2012C0007	
		Inspector	
		WRO C. Wilson	
Activities Inspected			
<input checked="" type="checkbox"/> Camp	<input checked="" type="checkbox"/> Drilling	<input type="checkbox"/> Mining	<input type="checkbox"/> Construction
<input type="checkbox"/> Roads/Hauling	<input checked="" type="checkbox"/> Other: Water Discharge		<input type="checkbox"/> Reclamation
		<input type="checkbox"/> Other: Spills	<input checked="" type="checkbox"/> Fuel Storage

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	1	Water Manag. Structures		C	4	Storage		C	4
Flow Measure. Device		A	1	Culverts / Bridges		NA	--	Spills		A	8
Source: Aberdeen		A	1	Drainage		A	5	Spill Plan		A	8
Water Allotment: 280c/m		A	--	Erosion / Sediment		A	5				
Water Used:1.5m/3/day		A	1	Mitigation Measures		NI	--	Administrative			
				Reclamation Activities		A	6	Records		A	--
				Materials Storage		A	7	Reports		A	--
Waste Disposal				Signage		A	8	Plans		U	10,11
Waste Water		A	2					Notifications		NI	
Solid Waste		A	3, 7	Monitoring				Other			
Hazardous Waste		A	4	Sample Collection / Analysis		NI	--				
*The number in the comments field will correspond with specific comments provided below.											
Samples taken by Inspector:				Location(s):							
<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.__)
<div>1) The new camp -Aberdeen- located at N64 23 30.0 W98 27 54.0 for the Turqavik-Aberdeen project was operating a lease surveying program at the time of inspection. The maximum people onsite was 14 people for approximately one month. At the time of the inspection the Aberdeen camp was using 1.5 meter cubed of fresh water from Aberdeen Lake via an electric pump.</div> <div>2) The Aberdeen camp is fitted with incinerating toilets which disposes of sewage via incineration in situ. The grey water from the kitchen/ showers are disposed of through a grease trap and sump box. The location of the camp is on a sandy esker which allows for filtration of the grey water through a sump box, screen and then through the sand.</div> <div>3) The Aberdeen camp incinerators domestic waste onsite using a waste oil burning incinerator. This approach not only reduces over all hazardous waste back haul but off sets fuel costs for the incinerator.</div> <div>4) The Aberdeen camp's fuel is stored in 50,000L dual walled bulk tanks though drums are still used for hazardous waste storage and heating fuel for the tents. These drums are kept in secondary containment. The larger secondary containment units require maintenance; the inspector noted some concern regarding contaminated water collection and treatment, as the sides of the berm were noted recumbent at the time of the inspection.</div> <div>5) The camp is located on sturdy ground with each structure positions to benefit the natural drainage to reduce erosion.</div> <div>6) The old camp- Qamanaarjuk- located on Schultz Lake N64 37 43.0 W97 59 40.0 was inspected. The site remains in a state of temporary closure. The inspector encourages the proponent to progressively reclaim as specified in PART I item 3 of the current licence. Such measures are discussed in the 2013 annual report to begin in 2015.</div> <div>7) At the time of the inspection, bulky waste materials were being collected and prepared for backhaul. The inspector noted this area to be untidy but was not concerned as the Camp Manager had identified it as needing improvement prior to the inspection.</div> <div>8) All fuel handling station were fitting with spill equipment and appropriated signage.</div> <div>9) A total of eight drill sites were attempted to be inspected over a two day period. Two sites out of eight were not located and therefore not inspected. All drill sites inspected were found to be restored to the satisfaction of the inspector.</div> <div>10) The inspector had concerns regarding the storage of cutting in mega bags at Arrowhead and any other location which is not specified in the licence.</div> <div>11) The inspector has concerns with the central cutting sump located at N64 20 28.73, W97 59 5.1. The Licensee shall sample the materials contained within the sump and explain how the risk of storing cutting like this is being mitigated.</div>			

SECTION 2		<input type="checkbox"/> Comments (s. 1)	<input type="checkbox"/> Non-Compliance with Act or Licence (s.2)	<input checked="" type="checkbox"/> Action Required (s. __)
<ul style="list-style-type: none">The proponent will confirm the fuel contractors land authorization number required for the winter resupply/fuel haul to the inspector to later than the March 31st, 2015.The proponent will contact the inspector to discuss comment 10 and 11 no later than March 31st, 2015				
Licensee or Representative		Inspector's Name		
		WRO Wilson		
Signature		Signature		
		<i>Christine Wilson</i>		
Date		Date		
		August 19 th , 2014		

Office Use Only:	Follow-up report to be issued by Inspector	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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PHOTO LOG			
Date:	Authorization Number:	Camera/Model:	Inspector
July 17, 2014	2BE-QAM1217	Sony DSC-HX50V Cyber shot	WRO Wilson

Locations name:	Lat/Long (DD.MM.SS.SS, NAD83)
PHOTO 1	N64 23 30.0 W98 27 54.0



Description:
Aberdeen Camp

Locations name:	Lat/Long (DD.MM.SS.SS, NAD83)
PHOTO 2	N64 23 30.0 W98 27 54.0



Description:

Windblown bulk waste, awaiting back haul

Locations name:	Lat/Long (DD.MM.SS.SS, NAD83)
PHOTO 3	N64 20 28.73, W97 59 5.1



Description:

Centralization of cutting waste.