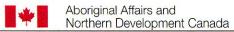


WATER LICENCE INSPECTION FORM



Department Of National Defence				Andrew Tam					
Licence No. / Expiry				Representative's Title					
3BC-ALT1015			Assistant 8 Wing Environment Officer						
Land / Other Authorizations			Land / Oth	THE PERSON NAMED IN					
Date of Inspection			Inspector						
06/29/2015 to 07	//01/2	015	Atuat	Shou	ldice	W. 2014 - 1777 - 1881 - 1776	Vestor and the second		
Activities Inspected Camp	Drilling		☐ Mining ☐ Co	nstructio	n	Reclamation		age	
Roads/Hauling	Other: W	ater Discha	rge 🛛 Ot	her:Wate	r use				
Conditions: A - Ac	ceptable		C - Concern U - Unaccep	table	NA	- Not Applicable	NI – Not Ir	rspected	
Water Use	Condition	Comment	Site Conditions	Condition	n Commer	t Haz/Mat Manag	ement Condition	n Comment	
Intake/Screen	Α		Water Management Structures	Α		Storage	Α		
Flow Measure. Device	Α		Culverts / Bridges	Α		Spills	Α	4	
Source:	Α		Drainage	Α		Spill Plan	Α		
Water Use:	С	1	Erosion / Sediment	С	3				
Recirculation (y /n)	Y		Mitigation Measures	Α		Administrative			
Marin, Commission of the Commi			Reclamation Activities	Α		Records	Α		
			Materials Storage	Α		Reports	Α		
Waste Disposal			Signage	Α		Plans	Α		
Waste Water	С	2				Notifications	С	5	
Solid Waste	Α		Monitoring			Other		200	
Hazardous Waste	Α		Sample Collection / Analysis	Α					
	1	1		<u> </u>					
	25-01000-25-20-20	er in the c	comments field will correspond	with sp	ecific con	nments provided bel	ow.		
Samples taken by Inspe	ctor:		Location(s): Alert						
⊠ Yes □ No									
					7/25				
SECTION 1		ents (s)					ction Required	THE RESIDENCE OF THE PARTY OF T	
The state of the s			ed between the days of June				's Atuat Shoul	dice and	
C.	3 11 11 11 11 11 11 11 11 11 11 11 11 11	100 mm	ant 8 wing environmental of						
	Comme	ents (s)	Non-Compliance v	vith Act	or Licen	ce (s) A	ction Required	l (s)	
Water Use: 1									
			uous loop in order to prever	8 8					
	2800		en into consideration, water				1405N		
allocation under the 3	BBM-AL	Г1015 Ту	pe B water license which ex	pired ir	n July 31	st 2015. To correct	t this situation	n, we	
received confirmation	n from N	/lr. Tam t	hat Alert has applied for a T	ype A l	icense.				
Wastewater:2							7 1 1 1 1		
The sewage terrace system is located on a steep slope. The available construction material (crushed shale) does not									
appear to be sufficient to build terraces that can withstand the flow of the sewage, compounded with the natural									
freshet runoff and the buildup of effluent over winter. The terraces are not holding as constructed: despite past repairs									
to the terraces, multiple breaches and erosion channels are present. On occasion, effluent does not follow the intended									
terrace path; much of it is running nearly straight down-hill in multiple free-flow channels. Past attempts to install silt									
curtains have also been ineffectual. Attempts to repair the terraces involve heavy equipment, which further destabilizes									
the slope by compror	nising th	ne limite	d organic layer, and adds to	the sec	diment l	oads. Given this s	ituation, it is	not	
surprising that high levels of Total suspended solids (TSS) are consistently reported. During the course of this									
inspection, samples v	vere tak	en at the	e location where sewage ent	ers the	lake. T	he TSS levels at the	at sampling lo	cation	
were 270mg/L, while the allowable concentration under the water licence is 70mg/L. Further analysis of TSS (by									
subtracting VSS) shows that TSS is largely inorganic, in essence it is sedimentation caused by the system, not food or									
sewage left remaining in the effluent. Whether the primary problem is the construction material available, or the grade									
of the hill on which it is constructed, the inspector requests that a plan be provided that will describe how the									
proponent intends on dealing with the total suspended solids levels that have shown to be consistently higher than the									
criteria set in the wat	5		-						
Section 3 Action requir	ed.								
100				- 50 LVV					





Site Conditions:3

Inspector noted that a number of places around site had problems with erosion. This was evident through bodies of water around site that had visible suspended solids. Given the type of gravel material used around site this could result in high suspended solids. The proponent shall take all necessary measures to minimize erosion in all areas onsite.

Haz/Mat Management: 4

Hazardous material generated on site is collected and shipped out. Contaminated soil is treated in landfill at ALT-10 and plans to complete a lined landfarm adjacent to the millionaires dump has been put on hold. Two spills reported to the Nunavut spill line were closed during inspection. Spill #14448 spill #13294

Administrative :5

SECTION 3

During the writing of this inspection report licence 3BC-ALT1015 had expired. Andrew Tam had informed inspectors that an application has been submitted for a Type A licence.

Wastewater – The inspector requests that a Compliance Plan be provided that will provide details on how the proponent intends on coming into compliance with the elevated TSS levels observed at the terrace system sewage

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

Inspector's Name
Atuat Shouldice
Signature Shoulder
Date
- Control

		Jack Contract Contrac
Office Use Only:	Follow-up report to be issued by Inspector	Yes No

