



WATER LICENCE INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee TMAC	Licensee Representative John Roberts
Licence No. / Expiry 2AM-DOH1323	Representative's Title VP Environmental Affairs
Land / Other Authorizations -	Land / Other Authorizations -
Date of Inspection 26-27/09/2015	Inspector Eva Paul, Erik Allain
Activities Inspected <input checked="" type="checkbox"/> Camp <input checked="" type="checkbox"/> Drilling <input checked="" type="checkbox"/> Mining <input checked="" type="checkbox"/> Construction <input checked="" type="checkbox"/> Reclamation <input checked="" type="checkbox"/> Fuel Storage <input checked="" type="checkbox"/> Roads/Hauling <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	A		Storage	A	
Flow Measure. Device	C	1	Culverts / Bridges	A		Spills	A	4
Source: Doris Lake	A		Drainage	A		Spill Plan	A	
Water Use:	A		Erosion / Sediment	A	3			
Recirculation (y / n)	A		Mitigation Measures	A		Administrative		
			Reclamation Activities	A		Records	A	
			Materials Storage	A		Reports	A	
Waste Disposal			Signage	A		Plans	A	
Waste Water	A					Notifications	A	
Solid Waste	A		Monitoring			Other		
Hazardous Waste	C	2	Sample Collection / Analysis	A				
<i>*The number in the comments field will correspond with specific comments provided below.</i>								
Samples taken by Inspector:			Location(s):					
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No								

SECTION 1	<input checked="" type="checkbox"/> Comments (s.1)	<input type="checkbox"/> Non-Compliance with Act or Licence (s. __)	<input checked="" type="checkbox"/> Action Required (s.2)
<p>A water licence inspection was conducted for the Type A licence 2AM-DOH1323 September 26-27, 2015 by inspectors Eva Paul and Erik Allain. Doris Camp is the main hub for Hope Bay. There are approximately 135 people currently on site. Water is being drawn from Windy Lake for camp use and from Doris Lake for drilling. A large volume of supplies and fuel were brought in by sea-lift throughout summer, and construction of the mill pad is underway.</p> <p>1. Drill setups were clean and well organized. Water is being pumped from source to small bladder or water tank for use at each drill, allowing a localized closed-loop system that greatly reduces the amount drawn (and returned) to source. It was determined that the water is not currently being metered as it is drawn from the source, rather, it is being metered within the drill as it is drawn from the bladder (the water going 'down hole'). While the numbers are similar, it doesn't completely reflect what has been drawn from source, as it does not account for any water left in the bladder at the conclusion of each drill hole.</p> <p>2. The licence specifies that hazardous waste is to be backhauled and properly disposed of at a licensed waste disposal site. My understanding is that no hazardous waste was backhauled in 2014 and 2015. While no timeline is listed in the licence for removal of hazardous waste, AANDC encourages the licensee to backhaul on a regular basis to prevent the accumulation of waste.</p> <p>3. Construction of the mill pad is within the existing site footprint, and within the eastern 'Area 3' of the Interim Water Management Plan. Any site water in this area is considered contact water, and flows into the Pollution Control Pond. Additional erosion/sediment control measures are likely not required as the existing system is designed to manage this water.</p> <p>4. TMAC reviewed internal reports following the July inspection, and provided further information on several historic spill occurrences. We inspected and closed seven historic spill files: 02-451, 08-061, 10-192, 12-154, 12-243, and 12-376, and 12-377. An effort will be made to continue closing outstanding spill files during subsequent inspections. There have been very few spills in TMAC's tenure, and TMAC is diligent in restoring and monitoring any impacted sites. No non-compliances were noted.</p>			
SECTION 2	<input type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input checked="" type="checkbox"/> Action Required
<ul style="list-style-type: none">Provide updated water records to the Inspector and the Board for 2015 drilling, with an estimate of the water not currently accounted for by the drill meters. This can be included in the Annual Report.			



Licensee or Representative John Roberts	Inspector's Name Eva Paul
Signature 	Signature
Date 27/9/15	Date 27/09/2015