



WATER LICENCE INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee		Licensee Representative	
Silvermet Inc.		-	
Licence No. / Expiry		Representative's Title	
2BE-MSX0712		-	
Land / Other Authorizations		Land / Other Authorizations	
N2006C0025		N2007J0012	
Date of Inspection		Inspector	
16/08/2014		Eva Paul	
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 type="checkbox"/> Other:	<input type="checkbox"/> Other:	<input checked="" type="checkbox"/> Reclamation
<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	NA			Water Management Structures		NA		Storage		NA	
Flow Measure. Device	NA			Culverts / Bridges		NA		Spills		U	3
Source:	NA			Drainage		NA		Spill Plan		U	3
Water Use:	NA			Erosion / Sediment		NA					
Recirculation (y /n)	NA			Mitigation Measures		NA		Administrative			
				Reclamation Activities		U	1	Records		A	
				Materials Storage		U	2	Reports		A	
Waste Disposal				Signage		NA		Plans		U	4
Waste Water	A							Notifications		NA	
Solid Waste	U	1		Monitoring		Other					
Hazardous Waste	A			Sample Collection / Analysis		NA					
*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.1)	<input type="checkbox"/> Non-Compliance with Act or Licence (s.2)	<input type="checkbox"/> Action Required (s.3)
<p>On August 16, 2014 I conducted an inspection of Silvermet’s activities under licence 2BE-MSX-0712 (expired) and the above-listed land use permits. Six locations were inspected during the course of the inspection, the coordinates for which were supplied by Silvermet at my request (NAD83). The locations and findings are as follows:</p> <p>a) Silvermet Camp - N66°59’09.7” W114°53’51.4” b) Fuel cache - N66°53’46.0” W115°04’36.0” c) Drill (SM-07-MX-10) - N66°48’29.0” W115°10’59.7” d) Drill (SM-07-MX-02) - N66°48’24.3” W115°10’25.3” e) Fuel cache - N66°45’10.9” W115°11’29.0” f) Drill (SM-07-VL-16) - N66°44’38.5” W115°09’32.9”</p> <p>1. Some debris remains on the back of the hill upslope from the camp location (a). Small debris was found at drill location c) and but more extensive debris at f): Core boxes nearby, straps or rope on flat rocky area just north of the drill hole, and a barrel was seen down-slope near the water. A metal sling basket, partially-burnt timbers, and garbage were found at location e). An open burning approval was obtained in 2012, however, the conditions of that approval were very definitely not met. The burn was undertaken on a vegetated area, materials were only partially burned, and the materials and ash were not cleaned up after the burn.</p> <p>2. The core boxes are 15-20m from the water (by location (a)), on the edge of a steep slope, contrary to licence conditions. As core racks tend to collapse within a few years, there is nothing preventing this core from ending up in the lake.</p> <p>3. At the locations given as fuel caches, barrels have been removed; however at location b) a hydrocarbon stain was noted, in a depression left by the barrels, of approximately 0.5m², which was not cleaned up. It is noted that no secondary containment was used for the barrels during the life of the fuel cache, as each barrel left a clear imprint in the ground.</p> <p>4. Unsuccessful implementation of reclamation plan and spill contingency plan.</p>			
SECTION 2	<input type="checkbox"/> Comments	<input checked="" type="checkbox"/> Non-Compliance with Act or Licence	<input type="checkbox"/> Action Required
<p>Water Licence 2BE-MSX0712</p> <p>Part I Item 1: Failure to complete all restoration work prior to the licence expiry.</p> <p>Part I Item 4: Failure to remove all site materials.</p> <p>Part I Item 8: Failure to reclaim hydrocarbon-impacted soil.</p>			



Part I Item 9: Failure to return drill areas to natural conditions immediately upon completion of drilling.

Part I Item 10: Failure to store core >30m above the ordinary high water mark of a water body.

Part I Item 11: Failure to return impacted areas to a pre-disturbed state.

Approval for open burning (2012) - Appendix A

Item g): Failure to locate burn on an appropriate surface.

Item h): Failure to contain materials during burning.

Item i): Failure to collect and dispose of residual waste and ash.

SECTION 3

☐ Comments

☐ Non-Compliance with Act or Licence

☒ Action Required

1. All debris and remaining materials shall be collected and backhauled.

2. Core racks shall be moved to >30m above the ordinary high water mark of the lake, and at least 20m from the drop-off to the lake.

3. Removal of hydrocarbon-impacted soil at the fuel cache, and the hole shall be backfilled with clean material.

As indicated in Baba Pedersen’s 2013 report on N2007J0012, these deficiencies were to have been remedied in 2014. It is recognised that the barrels were backhauled following the 2013 inspection, however, the rest of the work was not completed (at the time of the 2014 inspection). **The work identified above, and any work remaining under RMO Pedersen’s 2013 report is to be completed by July 31, 2015 and a report with photographs sent to both Inspectors by August 15, 2015.** Failure to do so will result in enforcement measures under the *Nunavut Waters and Nunavut Surface Rights Tribunal Act, 2002*.

Licensee or Representative	Inspector’s Name
	Eva Paul
Signature	Signature
	Sent electronically
Date	Date
	1/12/2014

APPENDICES:

☒ Inspection Photos

☐ Sample Results

☐ Other:

Office Use Only:

Follow-up report to be issued by Inspector

☐ Yes ☐ No

CC: Phyllis Beaulieu, Manager of Licensing, NWB
 Erik Allain, Manager of Field Operations, AANDC
 Baba Pedersen, Resource Management Officer, Kitikmeot Region, AANDC