



WATER LICENCE and LUP INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee		Licensee Representative	
Teck Resources Ltd.		Karen Weir	
Licence No. / Expiry		Representative's Title	
2BE-DBY1014			
Land / Other Authorizations		Land / Other Authorizations	
N2005C0028			
Date of Inspection		Inspector	
21/07/2015		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 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
Intake/Screen		NA		Water Management Structures		A	
Flow Measure. Device		NA		Culverts / Bridges		NA	
Source:		NA		Drainage		A	
Water Use:		NA		Erosion / Sediment		A	
Recirculation (y /n)		NA		Mitigation Measures		A	
				Reclamation Activities		U	1
				Materials Storage		NA	
Waste Disposal				Signage		NA	
Waste Water		NA					
Solid Waste		A		Monitoring			
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 checked="" type="checkbox"/> Non-Compliance with Act or Licence (s.2)	<input checked="" type="checkbox"/> Action Required (s.3)
A follow-up to the 2012 inspection was conducted on July 21 2015 to verify compliance with reclamation requirements of the water licence and the land use permit. The following remedial actions were required as a result of the 2012 inspection:			
<div>a) Barrels are to be collected from the creek.</div> <div>b) A thorough cleaning of the site is to be conducted to remove all the small bits of garbage and debris that remain.</div> <div>c) Nails and metal waste from burned buildings are to also be collected.</div> <div>d) Sump and latrine pit to be properly backfilled and re-contoured to prevent permafrost degradation.</div> <div>e) Hydrocarbon contaminated soil to be removed and backhauled as hazardous waste.</div> <div>f) Excavations at the airstrip to be backfilled and re-contoured to prevent permafrost degradation.</div> <div>g) Site cleanup is to be done during the snow-free period in 2013. A report is to be submitted to the Inspector by July 31 2013 with photos to show that the work is done.</div> <div>h) Drill holes are to be reclaimed as per Section I item 10 of the licence.</div>			
In addition to Stellar Camp [N67°18'56" W93°01'52.6], two additional drill holes were inspected: DR-07-29 and DR-07-18.			
Inspection findings:			
<div>1. Site work resulting from the 2012 inspection was completed with the exception of items (e) and (f). It does not appear that any additional (potentially-hydrocarbon-contaminated) soil was removed from the smaller pit beside the airstrip, and neither of the two pits were backfilled. As a result, the pits have filled with water and will compromise the permafrost. The drill holes inspected were found to be reclaimed as per licence conditions.</div> <div>2. The report required by item (g) was not submitted.</div>			
SECTION 2	<input type="checkbox"/> Comments	<input checked="" type="checkbox"/> Non-Compliance with Act or Licence	<input type="checkbox"/> Action Required
2BE-DBY1014:			
Part I Item 2: Failure to complete restoration work prior to licence expiry.			
Part I Item 12: Failure to re-contour and restore all areas to a pre-disturbed state.			
N2005C0028:			
8. Failure to complete all cleanup and restoration of the lands.			
20. Failure to backfill and restore sumps.			
SECTION 3	<input type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input checked="" type="checkbox"/> Action Required
<div>1. Verify whether any contamination remains at the small excavation, and complete the backfilling of excavations as was required by 2012 inspection. Clean fill is to be used. Please provide a report with photos, to the Inspector, upon completion of the restoration.</div>			



2. Please submit annual reports detailing the reclamation work that was done (2014 work and the outstanding work), and null reports for years there was no activity.
3. Please ensure that all administrative requirements are met to the NWB and AANDC Lands Administration.

Licensee or Representative	Inspector's Name
-	Eva Paul
Signature	Signature
-	<i>Sent electronically</i>
Date	Date
-	19/11/2015

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

Tracey McCaie, Manager, Land Administration, AANDC

Baba Pedersen, Resource Management Officer, AANDC



PHOTO LOG

Date	Camera	Inspector	Authorization
21/07/2015	SONY DSC-HX50V	Eva Paul	2BE-DBY1014 / N2005C0028
Photo Log # 1		Location (NAD 83 DD MM SS.SS)	
Photo DSC04532		N67 15 55.3	W93 01 53.4 (approximate; taken from the air)
			
Description: Small excavation as seen in 2015. No backfilling has been done, and no further contaminated material was removed (as identified in 2012, see next photo).			


Photo Log # 2	Location (NAD 83 DD MM SS.SS)	
Photo DSC07850 (10/08/2012)	N	W
		
Description: Small excavation as seen in 2012. Hydrocarbon staining noted at the end of the hole; Teck was directed to excavate any remaining contaminated soil and backfill the hole.		



Photo Log # 3

Photo DSC04531

Location (NAD 83 DD MM SS.SS)

N67 18 56.2 W93 01 54.6 (approximate; taken from the air)



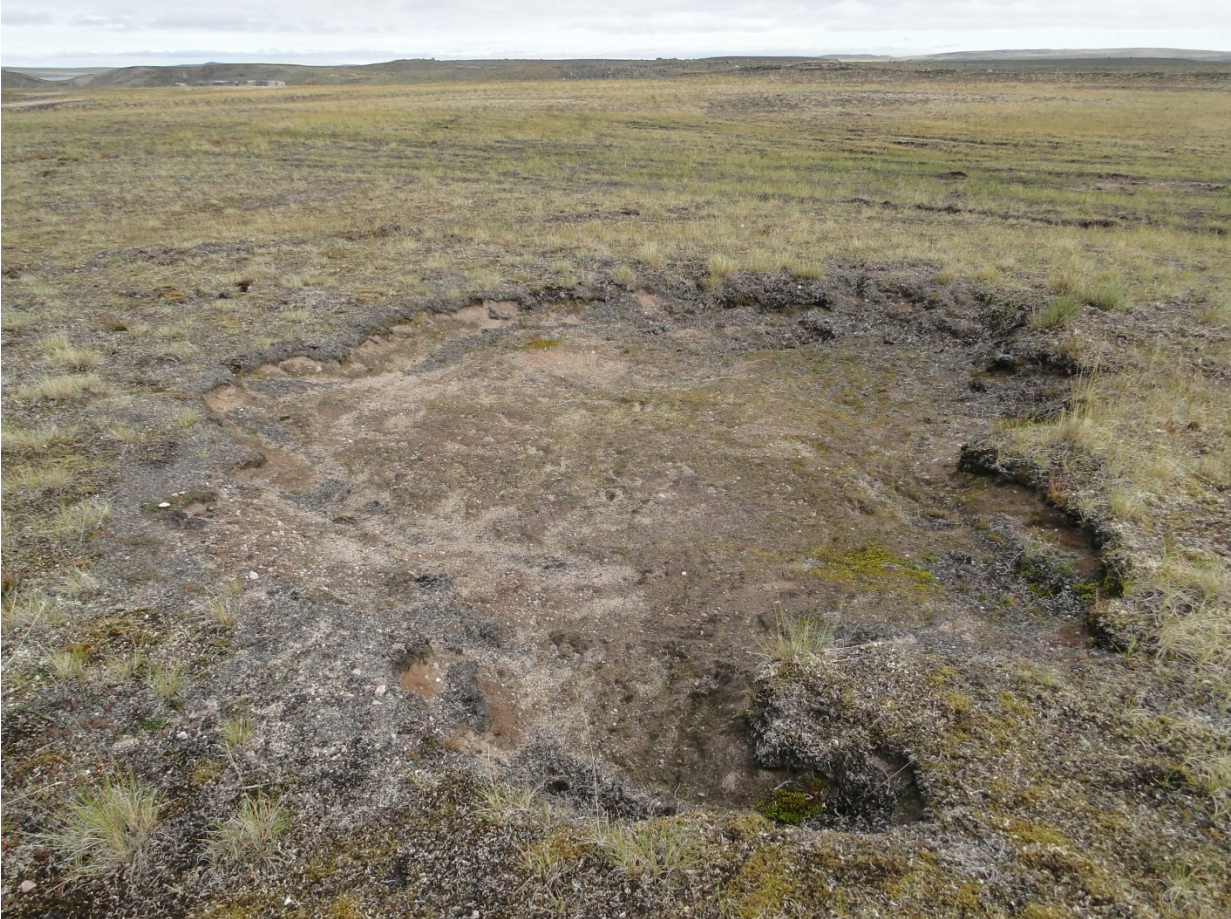
Description: Large excavation (in foreground), now filled with water, as seen in 2015.

Photo Log # 4

Photo DSC07854 (10/08/2012)

Location (NAD 83 DD MM SS.SS)

N W



Description: Large excavation as seen in 2012. Teck was directed at that time to backfill the hole to prevent ponding and permafrost degradation.