



Application for Water Licence Cancellation

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DOCUMENT MANAGEMENT

Original Document Date: April 2010

DOCUMENT AMENDMENTS

	Description	Date
(1)	Updated for public distribution as separate document from NWB Guide 7	June 2010
(2)	Updated NWB logos and reformatted table to allow rows to break across page	May 2011
(3)	New NWB logo and change to Block 9	April 2013
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
(10)		



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APPLICATION FOR WATER LICENCE CANCELLATION

1. LICENCE NO: 2BE-KIK0608	2. EXPIRY DATE: Dec 31, 2008
3. NAME AND MAILING ADDRESS OF LICENSEE De Beers – Exploration Canada 515 Consumers Road, Suite 300 Toronto, Ontario M2J 4Z2 Phone: 416 645 1710 ext 2815 Fax: _____ e-mail: jonas.schuett@debeergroup.com	4. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable) De Beers – Exploration Canada 515 Consumers Road, Suite 300 Toronto, Ontario M2J 4Z2 Phone: 416 645 1710 ext 2815 Fax: _____ e-mail: jonas.schuett@debeergroup.com
5. DECLARATION: I, _____ Jonas Schuett _____ on behalf of _____ De Beers – Exploration Canada _____ hereby make application to cancel the above-noted water use licence effective ____ Nov 24, 2016 _____ (insert proposed date of cancellation) Date of most recent water licence inspection: _July 16 2015 (See attached)_____ (attach copy of inspection report, if available) Signature of Licensee: _____ Date: November 24 2016 _____	
6. CANCELLATION FEE: Application fee of \$30.00 CDN (payable to the Receiver General for Canada) payment made with a credit card on phone to NWB at 867-360-6338 ext 27 (Dec 13, 2016)	

7. REASON – Provide written reason for cancellation request:

In December of 2005 De Beers Canada, Inc. – Exploration Division applied for a Licence to take water for the Kikerk/Knife Lake Project. The purpose of the application was to obtain water for domestic use in a remote camp and for drilling operations.

A License was obtained on March 22, 2006. There were no exploration field activities or camp in operation during the 2007 field season or thereafter. Therefore, there was no water used or disposed of.

De Beers Canada, Inc. – Exploration Division does not plan to return to the area and would therefore like to seek formal application to cancel the License in question

8. ABANDONMENT MEASURES

The following measures have been taken to address the final abandonment conditions required by the licence: (explain, with drawings, how abandonment conditions of the licence have been met; how stream channels have been rehabilitated; how tailings have been recontoured; how instream structures have been removed; and how waste materials have been disposed of. Enclose pictures if available.

No changes to the surficial features of the area have taken place. All items and debris that were on site are now removed or have been burned. Casing of drill holes have been removed. (See attached report for details of land remediation).

Formal request to AANDC has also been made to cancel the LUP that accompanied this water permit.

9. CERTIFICATE OF COMPLETION: Application for Licence Cancellation must be accompanied by either of the following:

- ☐ Application for Certificate of Completion enclosed; or
- ☐ Certificate of Closure enclosed.

The applicant is advised to consult with Aboriginal Affairs and Northern Development Canada regarding provision of the requested certificate.

- AANDC inspection report and De Beers remediation reports are included with this submission



WATER LICENCE INSPECTION FORM

☒ Original
☐ Follow-Up Report

Licensee		Licensee Representative	
DeBeers Canada Exploration Inc.		-	
Licence No. / Expiry		Representative's Title	
2BE-KIK0608		-	
Land / Other Authorizations		Land / Other Authorizations	
-		-	
Date of Inspection		Inspector	
16/07/2015		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 checked="" type="checkbox"/> Fuel Storage

Conditions: **A - Acceptable** **C - Concern** **U - Unacceptable** **NA – Not Applicable** **NI – Not Inspected**

Water Use			Site Conditions			Haz/Mat Management		
Condition	Comment		Condition	Comment		Condition	Comment	
Intake/Screen	NA		Water Management Structures	NA		Storage	U	1
Flow Measure. Device	NA		Culverts / Bridges	NA		Spills	C	1
Source:	NA		Drainage	NA		Spill Plan	NA	
Water Use:	NA		Erosion / Sediment	NA				
Recirculation (y /n)	NA		Mitigation Measures	NA		Administrative		
			Reclamation Activities	U	1,2	Records	NA	
			Materials Storage	NA		Reports	U	
Waste Disposal			Signage	NA		Plans	NI	
Waste Water	NA					Notifications	NA	
Solid Waste	NA		Monitoring			Other		
Hazardous Waste	NA		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)
<p>This project licence was first issued in 1997, and the project was licensed through until 2008. The licence expired in 2008 and was not renewed. An inspection was conducted on July 16, 2015 to determine whether abandonment and reclamation requirements have been met.</p> <p>Three sites associated with this project were inspected:</p> <ul style="list-style-type: none"> a) Camp: N67 00 48.2 W113 09 29.8 (coordinates from 2004 annual report) b) Drill holes Kik-04-010c and Kik-04-011c: N67 00 46.6 W113 09 07.1 (coordinates from 2004 annual report) c) Reported fuel cache: N67 00 46.0 W113 09 00.2 (coordinates from N97C753 Final Plan) <p>Findings are as follows:</p> <ul style="list-style-type: none"> 1) Camp was not removed from location (a). Wooden debris remains, and some garbage has blown into the lake over time. 8 full drums of P50 were found, one of which is beginning to leak, and one drum of gasoline was also present. The drums are marked as Debeers. The barrels are within 30m of the water, and with their age pose a risk of release. [Photos 1-5] 2) No drill collars or casings were noted in the area where drilling occurred, however, timbers were strewn widely around. [Photos 6-8] 			



SECTION 2	<input type="checkbox"/> Comments	<input checked="" type="checkbox"/> Non-Compliance with Act or Licence	<input type="checkbox"/> Action Required
Part H (4) Failure to establish fuel caches >30m from a water body and to implement secondary containment. Part I (1): Failure to implement the Abandonment and Restoration Plan. Part I (4): Failure to carry out progressive reclamation for project components no longer required.			
SECTION 3	<input type="checkbox"/> Comments	<input type="checkbox"/> Non-Compliance with Act or Licence	<input checked="" type="checkbox"/> Action Required
The Licensee is to undertake reclamation of all sites associated with this project, including a review of all drill holes to ensure compliance with the Licence conditions. The work is to be undertaken during the snow-free season in 2015 or 2016. 1. Confirmation of when this work will be undertaken is to be reported to the Inspector by September 30, 2015 . 2. A report, with photographs, showing that the deficiencies identified in 2015 have been addressed is to be submitted to the inspector by September 30, 2016 .			

Licensee or Representative	Inspector's Name
-	Eva Paul
Signature	Signature
-	<i>Sent electronically</i>
Date	Date
-	18/07/2015

Office Use Only:	Follow-up report to be issued by Inspector	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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CC: Phyllis Beaulieu, Manager of Licensing, NWB
Erik Allain, Manager of Field Operations, AANDC



PHOTO LOG

Date	Camera	Inspector	Authorization
16/07/2015	SONY DSC-HX50V	Eva Paul	2BE-KIK0608
Photo Log #1		Location (NAD 83 DD MM SS.SS)	
Photo DSC03613		N67 00 47.3	W113 09 07.7 (approximate, taken while flying)
			
Description: Remnants of 2004 camp and fuel barrels on Knife Lake.			

Photo Log #2	Location (NAD 83 DD MM SS.SS)
Photo DSC03622	Not recorded
	
Description: Plastic has blown into the lake.	



Photo Log #3

Location (NAD 83 DD MM SS.SS)

Photo DSC03627

N67 00 48.3

W113 09 29.1



Description: 8 full drums of P-50.

Photo Log #4

Location (NAD 83 DD MM SS.SS)

Photo DSC03630

N67 00 48.4

W113 09 29.1



Description: 1 barrel of gasoline.



Photo Log #5

Photo DSC03629

Location (NAD 83 DD MM SS.SS)

N67 00 48.4

W113 09 29.2



Description: One barrel of P-50 is beginning to seep.

Photo Log #6

Photo DSC03617

Location (NAD 83 DD MM SS.SS)

N67 00 45.5

W113 09 05.4 (approximate, taken while flying)



Description: Debris left in drilling area.



Photo Log #7

Photo DSC03618

Location (NAD 83 DD MM SS.SS)

N67 00 44.1

W113 09 08.5 (approximate, taken while flying)



Description: Debris left in drilling area.

Photo Log #8

Photo DSC03621

Location (NAD 83 DD MM SS.SS)

N67 00 46.2

W113 09 08.2 (approximate, taken while flying)



Description: Debris left in drilling area.

28 September, 2015

BY E-MAIL

Eva Paul
Water Resources Officer
Aboriginal Affairs and Northern Development Canada
Nunavut Regional Office
Building 969, PO Box 2200
Iqaluit, NU X0A 0H0

Re: July 16 2015 Report of Inspection for License 2BE-KIK0608

Dear Ms. Paul,

This letter is to inform you that De Beers Canada, Inc. has begun action with respect to the two items identified in Section 3 of the July 16 2015 Report of Inspection for License 2BE-KIK0608. Please accept this letter as our formal confirmation that work will be undertaken to remediate the site; thus completing the first item of Section 3.

De Beers Canada, Inc. has a two-phase plan to execute the clean-up of the Knife Lake site. The focus of Phase 1 is to extract 8 drums of P-80 and 1 drum of gasoline whereas Phase 2 will focus on the clean-up of all debris from the drilling sites and the camp.

I am pleased to report that Phase 1 was completed on September 23, 2015. In addition to the extraction of drums from the site plastic debris from the lake was retrieved and wooden debris has been stacked in preparation for Phase 2. We have included photographs showing the progress made thus far. The completion of Phase 2 will take place early next summer before the stipulated September 30, 2016 deadline. Once all work has been completed a report with photographs will be submitted.

I hope the efforts made thus far demonstrate our sincerity and commitment to this matter. We would like to reiterate that we are as concerned as you are about the apparent lack of compliance with the terms of the license. I can assure you that this incident is *not* a reflection of the values or conduct in which we operate.

Yours truly,

Jonas Schuett
ECOHS Coordinator
De Beers Canada Inc. - Exploration

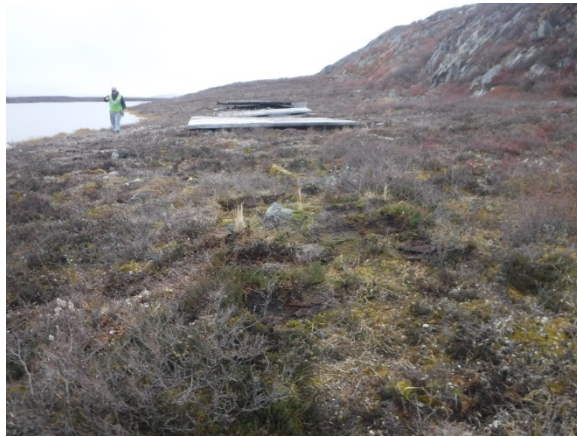
Cc: Chris Wallace, DBCI Business Support and Assurance Manager
Chris Redhead, DBCI Safety, Health and Environment Coordinator

Photographs of Phase 1 from September 23, 2015

Fuel drum area (Before)



Fuel drum area (After)



Wooden debris (Before)



Wooden debris (After)



19 September, 2016

BY E-MAIL

Eva Paul
Water Resources Officer
Aboriginal Affairs and Northern Development Canada
Nunavut Regional Office
Building 969, PO Box 2200
Iqaluit, NU X0A 0H0

Re: July 16 2015 Report of Inspection for License 2BE-KIK0608

Dear Ms. Paul,

This letter is to inform you that De Beers Canada, Inc. has completed the second phase of remediation on the Knife Lake property. We are pleased to report that all work was completed in a safe and timely manner with no further environmental impact on the area in question.

In the span of a year De Beers Canada, Inc. oversaw the execution of a two-phase plan to address all deficiencies identified in your Report of Inspection for License 2BE-KIK0608 (Report #2015-KIT016-EP). Phase 1 work was executed in September of 2015 and focused on the removal of 8 drums of P-80 and 1 drum of gasoline, stacking of wooden debris, and the removal of plastic from the lake and garbage from the camp area. Phase 2 work was slated to be executed during the summer of 2016 however the timing had to be modified for logistical reasons. As such Phase 2 was ultimately completed September 2016. This phase involved visiting all drill sites and removing any garbage/debris/casing as well as removing pieces of plastic seen floating on the lake, sifting through all items and removing all non-combustibles, and burning of all the lumber.

We can now say with confidence that the site has been properly remediated and all items identified in the AANDC report have been addressed.

The completion of the two phases of work in conjunction with this letter and embedded photographs completes all outstanding actions tasked to De Beers Canada, Inc. per Section 3 of the aforementioned dated July 16, 2015.

Yours truly,

Jonas Schuett
ECOHS Coordinator
De Beers Canada Inc. – Exploration

Cc: Chris Wallace, DBCI Business Support and Assurance Manager

Photograph from DBCI September 28, 2015 letter to AANDC showing camp area before commencement of work.



Photograph from DBCI September 28, 2015 letter to AANDC showing wooden debris neatly stacked and drums removed.



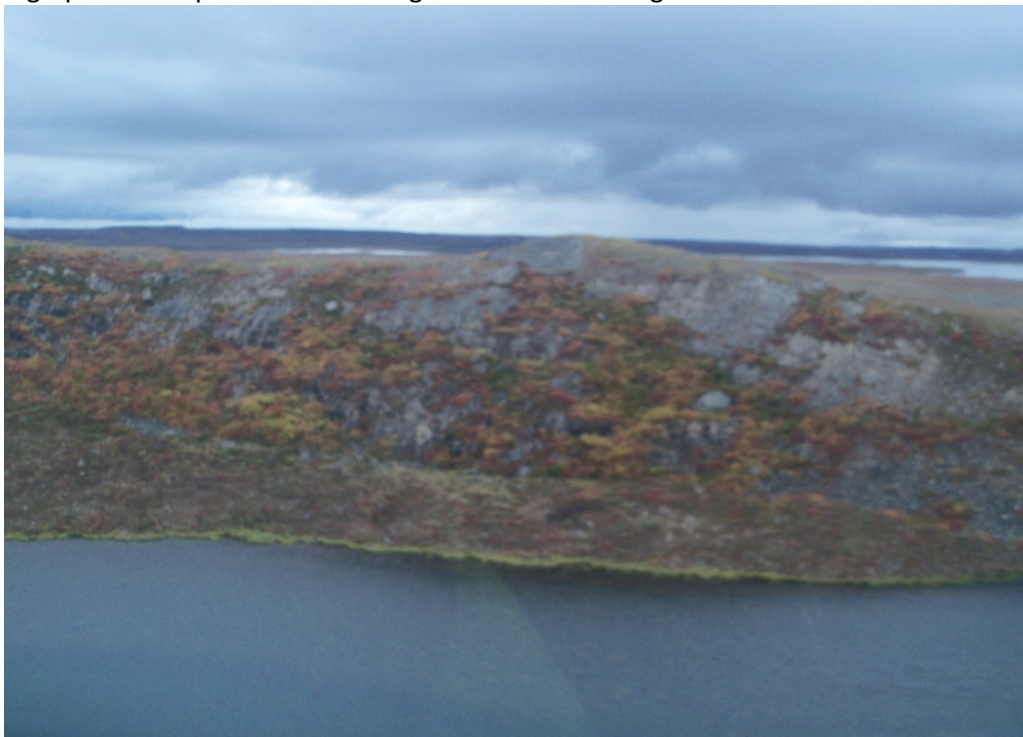
Photograph of campsite at end of Phase 2 showing removal of all items



Ariel Photograph from AANDC Report #2015-KIT016-EP showing debris plastic in lake



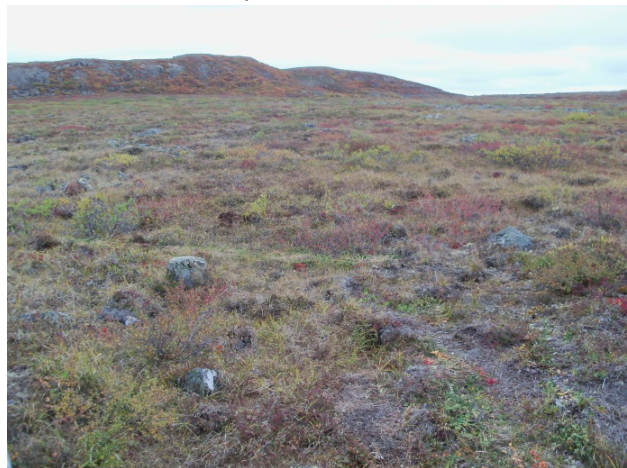
Ariel photograph from September 2016 of general area showing no items on land or in water



Ariel Photograph from AANDC Report #2015-KIT016-EP showing debris left at drilling area



Photograph from of drill area with wood neatly stacked then removed September 2016



September 2016 photograph of drill area discovered with casing



September 2016 photograph of the above drill site after casing was removed

