

		WAT	ER LICENCE IN	NSPEC	TION	FORM	vi ₽	☑ Original ☑ Follow-Up Re _l	nort	
Licensee				Licensee R	epresenta	tive		_ ronow op me	port	
Areva Resources Canada Inc.			Brad F	ohler						
Licence No. / Expiry			Represent							
			SHEQ,							
Land Authorization No. / Purp		•		Land Auth		xpiry				
N2014C0001/ Dri	-		orage,	KVL30	6C02					
Resupply/ May 29	9th, 20	016								
Date of Inspection				Inspector						
July 23 rd , 2015 Activities Inspected				WRO \	Wilsor	<u>) </u>				
⊠ Camp ⊠	Drilling Other: St	ump	Mining		nstruction her: Spills		Reclamatio	on 🔲 F	uel Storag	e
Conditions: A - Ac	ceptable	e (C - Concern U -	Unaccep	table	NA -	Not Applica	ıble Ni -	- Not Ins	pected
Water Use	Condition	Comment	Site Conditions	•	Condition	Comment		Management	Condition	Comment
Intake/Screen	NI		Water Management S	tructures	Α	3	Storage		NA	
Flow Measure. Device	Α	1	Culverts / Bridges	······	NA		Spills		С	6
Source: Unnamed	Α		Drainage		Α	4	Spill Plan		U	7
Recirculation (y /n)	Υ	1	Mitigation Measure	S	Α	3	Administr	ative		
Waste Disposal			Reclamation		Α	5	Annual Re	port	Α	
Solid Waste	NI		Monitoring				Other	· international control is a control	l	i e
Waste Water	Α	3	Records		Α	2				
*Th	e numbe	er in the co	mments field will cor	respond v	vith spec	ific comi	nents provid	led below.	1	1
Samples taken by Inspec	tor:		Location(s): No sam	ples were	taken d	uring this	inspection			
☐ Yes ☑ No										
L 162 52 1/0			<u> </u>							
SECTION 1	Comme	nts (s.1)	Non-Com	oliance w	ith Act o	r Licence	r(s)	Action Re	auired (s	:)
On July 23 rd , 2015 a regu							AND RESIDENCE AND RESIDENCE	Same and Market State of the Control	we will be a second of the sec	
N2014C0001 was comple Wilson. The following rej up information provided	eted by # port was	Aboriginal produced	Affairs and Northern I with the findings fro	Developn m that in:	nent Car spection	nada's W , a reviev	ater Resource v of the 2014	e Officer (WRC 4 annual repor	D), Christ	
up information provided	by Alev	a nesource	es Canada (also referi	eu to as	Areva R	or the pu	rpose or trus	report).		
Administrative Revie										
During the July 16 th , 2014										
(approximately located a										
misplacement of an exce cause is described as foll								•		
discharge site near the w										•
heavy rains, and flowed			• •			•				
then traveled to the adja										
indeed the placement of	the exce	ess water l	line was not the cause	e of the sp	oill but th	nat rainfa	ill event that	cuttings may	not be st	ored
appropriately.	_							_		
On June 17 th , 2015 a spill										
location 64°25′18″ N, 97° Report' reads as follows										
the excess clean water lin			-			-			•	
the small water body." A	-									
discussion on future prev			•							
further reviewed the Spil		-				•				
noted that section 3.2 'Mitigation and Preventative Measures' was very detailed when discussing fuel handling compared to the										
limited information in section 3.2.10 and 3.2.11 that discuss cutting spills. The Inspector is concerned with the lack of information available in the Spill Contingency Plan regarding prevention and emergency response to cutting spills.										
	. 46									
Comment nine (9) of the										ound
the arill sites. Areva addressed this concern in the 2014 annual report; section 3.7.2 Progressive Reclamation stating "where										
collected cuttings are non-mineralized, they are used to re-establish physical stability by levelling depressions that may have formed from permafrost thaw. Where inadequate fill material is available, excess material from the End grid discharge or gravel may be										
used to fill larger depressions. AREVA is currently working with local contractors on the procurement of gravel for reclamation										
purposes." This practice has been included in the Abandonment and Restoration Plan V5 Section 4 that was submitted with the 2014										
annual report.										
SECTION 2 Comments (s.2) Non-Compliance with Act or Licence (s) Action Required (s)										
Observations										
Water Use										

1. Meters have been installed on the water intake lines at drill rigs to capture total water consumption.



Original |

2. The total water use records were available for review by the inspector.

Waste Water

3. Further improvements have been made to the waste water sump. The hold time with in the sump has been extended by the addition of filtration berm walls.

Site Conditions

4. The camp is built up off the ground with wooden pathways to prevent negative impacts to surface drainage.

Drilling

A total of seven drill sites where inspected, one of which was the sink hole site of concerns from the July 16th, 2014
inspection report. All of the sites were found to be reclaimed to the satisfaction of the inspector. The Inspector was pleased
to see the changes made in the field.

Spills

- 6. Areva fulfills a vigorous pre and post inspections procedures of all drill sites. Some of the activities involved in the pre-drill inspection are mapping out the water use and discharge line locations as well as verify locations of old cutting sumps. The post drill inspection ensures the cutting sump locations are recorded and final reclamation activities are completed. The Inspector was satisfied with the improvements made to the drill practices but requests that Areva includes such preventative measures in a drilling specific section of the current Spill Contingency Plan V7R3. The section should contain detailed information such like section 4.2.3 Spill of a liquid Fuel to Lake Water of the plan titled '2BE-KIG1318 Spill Contingency Plan V7R3'.
- Areva will update the AANDC contact to read Manager, Field Operations 867-975-4295 which is specified under PART H item 4 (b) of the Amendment No. 1 of the current licence.

SECTION 3	Comments (s)	Non-Compliance with Act or Licence (s)	Action Required (s.3)
	the Nunavut Water Board a rabove in comments 6 and 7.	revised Spill Contingency Plan with the 2015 Annual Re	port to include the materials
	ed to propose the revisions the schanges to the action requir	nat best fit the Kiggavik project. It is the responsibility orired above.	f Areva to contact the
"The Licensee shall land-based drilling,	, in a properly constructed Sur he ordinary High Water Mark	item 4; cluding water, chips, muds and salts (CaCl2) in any quan imp or an appropriate natural depression located at a d t of any adjacent Water body, where direct flow into a V	listance of at least thirty-one

Licensee or Representative	Inspector's Name
Bradley Pohlen	C. Wilson
Signature	Signature
Brad Con Pohlor.	Original signed on file
Date	Date
October 2, 2015	October 1 st , 2015

Office Use Only:	Follow-up report to be issued by Inspector	☐ Yes ☒ No	

Erik Allain, Manager Field Operations, AANDC Brad Pohley, SHEQ Coordinator, Areva Resources Canada Inc. Manager Licensing, Nunavut Water Board



CC.

File Number: 2015-KIV009-CW