



WATER LICENCE INSPECTION FORM

☒ Original  
☐ Follow-Up Report

Licensee	Licensee Representative
Areva Resources Canada Inc.	Curtis Rhinas
Licence No. / Expiry	Representative's Title
2BE-KIG1318	SHEQ Coordinator (Summer Student)
Land / Other Authorizations	Land / Other Authorizations
KVL306C02	N2014C0001
Date of Inspection	Inspector
16/07/14	WRO C. Wilson
Activities Inspected	
<input checked="" type="checkbox"/> Camp	<input checked="" type="checkbox"/> Drilling
<input type="checkbox"/> Roads/Hauling	<input type="checkbox"/> Mining
	<input type="checkbox"/> Construction
	<input type="checkbox"/> Reclamation
	<input checked="" type="checkbox"/> Fuel Storage
	<input checked="" type="checkbox"/> Other: Water Discharge
	<input checked="" type="checkbox"/> Other: Spills

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	NI		Water Manag. Structures	A		Storage	C	10
Flow Measure. Device	A	1,5	Culverts / Bridges	NA		Spills	U	6,7
Source: Unnamed	A	1	Drainage	NI		Spill Plan	A	
Water Use: 207.45m <sup>3</sup> /day	A	2	Erosion / Sediment	A				
Recirculation ( y /n)	A	5	Mitigation Measures	A	10	Administrative		
			Reclamation Activities	A	12	Records	A	3
			Materials Storage	A	11	Reports	A	
Waste Disposal			Signage	A		Plans	A	
Waste Water	U	7, 8				Notifications	A	
Solid Waste	A		Monitoring			Other		
Hazardous Waste	A		Sample Collection / Analysis					
<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.____)	<input type="checkbox"/> Non-Compliance with Act or Licence (s.____)	<input type="checkbox"/> Action Required (s.____)
WATER USE			
<div>1) Water is drawn from an unnamed lake east to the camp (64° 26’ 39.184’ W 97° 39’ 45.79”) for domestic purposes daily. The proponent meters the water using a flow metering device inside the water treatment building.</div> <div>2) Water use records were provided to the Inspector as request during the inspection. The total water usage for July 1<sup>6th</sup>, 2014 was 207.45 m<sup>3</sup>.</div> <div>3) At the time of the inspection three drills were in operation with an average of 35 people at the camp.</div> <div>4) Boart Longyear is delivering the 2014 drilling campaign.</div> <div>5) Drill water is drawn from a source via pump and through a series of conveyance lines before reaching the drill. The proponent has previously metered water using a maximum capacity average from the pump. The inspector request that the proponent install meters on the intake of pump to ensure all water that is drawn is measured. As discussed with Curtis Rhinas and Mario Blain, all freshwater must be metered from the source and the total recorded daily.</div>			
WASTE DISPOSAL			
<div>6) It was observed during an inspection of drill site Bong 63-84-10 drill waste ( PHOTO 1) entering a small water body in the Bong area ( N64° 24’ 50.18” W 97° 42’ 24.124”). The proponent is required under Part F item 4 to secure drill waste including water in a properly constructed sump at a distance of 31 meters from any water body.</div> <div>7) The proponent is required to prevent the deposit of waste into water as required under PART H item 2. The Inspector required a submission of a situational report that discussed the event, the immediate measures taken, and a determination if additional long-term measures are required. This report was due on July 17<sup>th</sup>, 2014 and was submitted by Curtis Rhinas (Attachment 1).</div> <div>8) A central drill waste dumping area was observed. This location, though its location is a great distance from a water body posses a concern to the inspector. The dumping area is constructed out of what appears to be sandbags and a black material (PHOTO 2). The proponent will provide the rational as to why the centralization of cuttings in best practice and provide more information as to how the location for the current sump was selected. The location does not fulfill the requirements under PART F item 4.</div> <div>9) The inspector observed a drill hole near end grid (PHOTO 3) which has a large hole around the collar. The proponent will provide to the inspector a brief summary of how this location will be reclaimed and include this information in the Abandonment and Reclamation Plan under Drilling with the 2014 annual report.</div> <div>10) A method for treatment of contaminated water from the secondary containment berms must be established.</div>			
SITE CONDITION			
<div>11) The camp is fitted with board walk path ways to minimize the destruction to the tundra</div> <div>12) As always the camp is tidy and organized</div>			



13) The Inspector encourages the proponent to progressively reclaim materials, buildings and scrap metal that are not being used as per PART I item 4.

SECTION 2      ☐ Comments (s. 1)      ☒ Non-Compliance with Act or Licence (s.2)      ☐ Action Required (s. \_\_)

PART F item 4- Failure to contain drilling waste  
PART H item 2- Failure to prevent waste deposition into water

SECTION 3      ☐ Comments (s. \_\_)      ☐ Non-Compliance with Act or Licence, (s. \_\_)      ☒ Action Required (s.3)

- The proponent will install and maintain metering devices on all water intakes lines at the source before March 31<sup>st</sup>, 2015.
- The proponent shall revise the Abandonment and Reclamation Plan to include details specific to drill site and drill waste remediation. The revisions shall be submitted with the 2014 annual report.
- The proponent will confirm the fuel contractors land authorization number required for the winter resupply/fuel haul to the inspector to later than the March 31<sup>st</sup>, 2015.

Licensee or Representative	Inspector's Name
	WRO Wilson
Signature	Signature
	<i>Originally signed on file</i>
Date	Date
	August 19 <sup>th</sup> , 2014

Office Use Only:	Follow-up report to be issued by Inspector	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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PHOTO LOG			
Date:	Authorization Number:	Camera/Model:	Inspector
July 16 <sup>th</sup> , 2014	2BE-KIG1318	Sony DSC-HX50V Cyber shot	WRO Wilson

Locations name:	Lat/Long (DD.MM.SS.SS, NAD83)
PHOTO 1	( N64° 24' 50.18" W 97° 42' 24.124")
<div></div>	
Descirption: Bong 63-84-10 Area, drill water entering water body	



Locations name:		Lat/Long (DD.MM.SS.SS, NAD83)
PHOTO 2		N64° 20' 36.02" W97° 52' 35.27
<div></div>		
<b>Description:</b> Central cutting dump area, discoloured grass around large red coloured dump; berms located around the largest dump		



Locations name:

PHOTO 3

Lat/Long (DD.MM.SS.SS, NAD83)

N64° 20' 40.20" W97° 50' 22.95



Descirption:

Area of caved in ground around a drill hole located near End Grid