

Application for Water Licence Amendment

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P.O. BOX 119 GJOA HAVEN, NUNAVUT XOB 1J0 Tel: (867) 360-6338 FAX(867) 360-6369

DOCUMENT MANAGEMENT

Original Document Date:

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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; request for background information; and change to Block 24	April 2013
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
(10)		



P.O. Box 119

GJOA HAVEN, NU XOB 1JO

TEL: (867) 360-6338 FAX: (867) 360-6369 בת כ ∆בת ה' ה∩ב ה NUNAVUT WATER BOARD NUNAVUT IMALIRIYIN KATIMAYIT OFFICE DES EAUX DU NUNAVUT

APPLICATION FOR WATER LICENCE AMENDMENT

The applicant is referred to the NWB's Guide 7: <u>Licensee Requirements Following the Issuance of a Water Licensee</u> for more information about this application form.

Where possible, provide background information regarding the original licence application or attach previously submitted information.

EXISTING LICENCE NO: 2BE-KIG1318
1. LICENSEE CONTACT INFORMATION
Is the licensee the same as that referred to on the existing licence?
✓ Yes □ No
If No, a licence assignment must be completed and approved by the NWB. An amendment will only be issued in the name of the current licensee in the absence of assignment of the licence.
If the licensee is the same, but the <u>name</u> of the licensee has changed, attach a certificate of name change.
Name: AREVA Resources Canada Inc.
Address: P.O. Box 9204 817 – 45 th Street West Saskatoon SK S7K 3X5
Phone: <u>306-343-4693</u> Fax: <u>306-343-4632</u> e-mail: <u>John.Robbins@areva.ca</u>
2. LICENSEE REPRESENTATIVE CONTACT INFORMATION – If different from Block 1.
Name:
Address:
Phone:
e-mail:
(Attach authorization letter.)

		- 10 O O O O O O O O O O O O O O O O O O
3.	NAME OF PROJECT	
Has the	e name of the project changed?	
		Yes X No
If Yes, i	indicate the name of the project including the	ne name of the location:
4.	LOCATION OF UNDERTAKING	
Does t	the proposed amendment change the locat	ion of the amended undertaking?
]Yes X No
Provid	de the project extents and camp locations. I	dentify proposed changes.
Project	t Extents	
NW: NE: SE: SW:	Latitude: (64° 39' 21" N) Latitude: (64° 17' 02" N) Lo	ongitude: (97° 57' 50" W) ongitude: (97° 20' 29" W) ongitude: (97° 20' 56" W) ongitude: (97° 58' 46" W)
Camp l	Location(s)	
Latitud	de: (64° 26' 29" N) Lo	ngitude: (97° 39' 34" W)
5.	MAP	
Does th	he proposed amendment change the location	ns of any of the main components of the undertaking?
	ajority of the undertaking takes place through	Yes X No phout the Kiggavik mineral leases with a small number of dentified in Figure 1.0 of the 2012 renewal application).
Attach a	a topographical map, indicating the main co	mponents of the undertaking. Identify proposed changes.
	e note the inclusion of viable water sources sed to main area components of the underta	in the St. Tropez area on Figure 1.0. No changes aking (See Figure 2.0).
NTS Ma	ap Sheet No.: 66A05; 66A12; 66A11 Map N Map Scale: 1:125,000	lame: Exploration Areas and Viable Water Sources
NTS Ma	ap Sheet No.: 66A05 Map Name: Kiggavik	Main Area Components Map Scale: 1:40,000

6.	NATURE OF INTEREST IN THE LAND
Does	the proposed amendment change the nature of the interest in the land?
	Yes X No
If Yes	s, indicate changes.
	k any of the following that are applicable to the proposed undertaking (at least one box under the ace' header must be checked).
	Sub-surface
	Mineral Lease from Nunavut Tunngavik Incorporated (NTI) Date (expected date) of issuance: Date of expiry:
	Mineral Lease from Indian and Northern Affairs Canada (INAC) Date (expected date) of issuance: Date of expiry:
	Surface
	✓ Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC) Date (expected date) of issuance: May 30, 2014 Date of expiry: May 29, 2016
	Inuit Owned Land (IOL) Authorization from Kitikmeot Inuit Association (KIA) Date (expected date) of issuance: Date of expiry:
	✓ IOL Authorization from Kivalliq Inuit Association (KivIA) Date (expected date) of issuance: April 3, 2007 Date of expiry: January 3, 2016
	☐ IOL Authorization from Qikiqtani Inuit Association (QIA) Date (expected date) of issuance: Date of expiry:
	Commissioner's Land Use Authorization Date (expected date) of issuance: Date of expiry:
	Other
	Date (expected date) of issuance: Date of expiry:
Is the licenc	name of the entity(s) holding authorizations the same as that considered in the existing water e?
	✓ Yes □ No
If No,	a licence assignment must be completed and approved by the NWB.
Name	e of entity(s) holding authorizations:

7.	NUNAVUT PLANNING COMMISSION	(NPC) DE1	FERMINATION
Indicate the land use planning area in which the existing project is located.			
	☐ North Baffin ☐ South Baffin ☐ Akunniq	✓ Keewa Sanikil West F	
Does to	he proposed amendment change the lan	d use plan	ning area?
		☐ Yes	X No
If yes, i	indicate the land use planning area in wh	ich the an	nended undertaking is located.
	☐ North Baffin ☐ South Baffin ☐ Akunniq	☐ Keewa ☐ Sanikil ☐ West h	
Was a		required fro	om NPC prior to the issuance of the existing water
		✓ Yes	□No
If Yes,	indicate date issued and attach copy. De	ecember 1	5, 2006
Does t	he proposed amendment change the original	ginal NPC	conformity determination or the need to obtain one?
		Yes	X No
If Yes, If No, p	indicate date issued (or expected) and a provide written confirmation from NPC co	ittach a co infirming th	py nat a land use plan conformity review is not required.
8.	NUNAVUT IMPACT REVIEW BOARD	(NIRB) DE	TERMINATION
Was a	screening determination required from N	IIRB prior	to the issuance of the existing water licence?
		✓ Yes	□No
If Yes,	indicate date issued and attach copy. Ap	oril 3, 2007	and January 9, 2009 additional conditions
Does tone?	he proposed amendment change the ori	ginal NIRB	screening determination or the need to obtain
		☐ Yes	X No
If Yes, If No, j	indicate date issued (or expected) and a provide written confirmation from NIRB co	nttach a co onfirming t	pyhat a screening determination is not required.

9. DESCRIPTION OF UNDERTAKING
Does the proposed amendment change the description of the undertaking?
☐ Yes X No
List and attach plans and drawings or project proposal. Identify proposed changes.
10. OPTIONS
Does the proposed amendment change any of the alternative methods and locations that were considered to carry out the project?
☐ Yes X No
Provide a brief explanation of the alternative methods or locations that were considered to carry out the project. Identify proposed changes.
11. CLASSIFICATION OF PRIMARY UNDERTAKING
Indicate the primary classification of undertaking for the existing licence by checking one of the following boxes:
☐ Industrial ☐ Agricultural ✓ Mining and Milling (includes exploration/drilling/exploration camps) ☐ Conservation ☐ Municipal (includes camps/lodges) ☐ Recreational
Power Miscellaneous (describe below):
Does the proposed amendment change the classification of primary undertaking?
☐ Yes X No
If Yes, indicate the primary undertaking of the amendment:
Information in accordance with applicable Supplemental Information Guidelines (SIG) must be updated and submitted with an Application for Amendment. Indicate which SIG(s) are applicable to your application.
 ☐ Hydrostatic Testing ☐ Tannery ☐ Tourist / Remote Camp ☐ Landfarm & On-Site Storage of Hydrocarbon Contaminated Soil
☐ Onshore Oil and Gas Exploration Drilling ✓ Mineral Exploration / Remote Camp
 ☐ Advanced Exploration ☐ Mine Development ☐ Municipal ☐ General Water Works ☐ Power
As per the direction from the NWB Technical Advisor, AREVA has not submitted the SIG that are still in draft form, but rather included relevant information within the summary of its application.

12.	WATER USE
Indica	te, using the boxes below, the types of water use(s) approved in the existing licence.
	✓ To obtain water for camp/ municipal purposes ✓ To obtain water for industrial purposes ☐ To cross a watercourse ☐ To alter the flow of, or store water ☐ Other:
Does	the proposed amendment change the type(s) of water use(s)?
	☐ Yes X No
	indicate using the boxes below, the proposed change(s) to the type(s) of water use(s) noting any water that are to be added, continued, or removed.
	□ To obtain water for camp/ municipal purposes □ To obtain water for industrial purposes □ To divert a watercourse □ To cross a watercourse □ To modify the bed or bank of a watercourse □ To alter the flow of, or store water □ Flood control □ Other: □ Flood control
13.	QUANTITY OF WATER INVOLVED
Does t	he proposed amendment change the source of water?
Indicat	e the water source(s). Identify proposed changes.:
source	sed drilling locations for 2015 were provided in the 2014 Annual Report. See Figure 1.0 for viable water as for both the Kiggvik and St. Tropez areas. The exact water source coordinates proximal to drilling ans will be provided in the subsequent 2015 Annual Report.
(show	location(s) on map)
Does t	the proposed amendment change the quality of the water source and/or its available capacity?
	☐ Yes X No
Descri	be the quality of the water source(s) and the available capacity(s). Identify any changes.:
Does t	he proposed amendment change the overall quantity of water to be used?
	☐ Yes X No
Provide	e the overall estimated quantity to be used. Identify proposed changes. : 299 m³/day – no changes
Does t	he proposed amendment change the quantity of water to be used from each source? Yes X No
No cha	e the estimated quantity(s) of water to be used from each source. Identify proposed changes. : ange to water quantities - The water proximal to drill sites will be drawn from unnamed ponds or lakes e appropriate screen as per DFO Guidelines at a maximum rate of 81,76 m³/day for each drill.

Does the proposed amendment change the quantity of water to be used for each purpose?	
☐ Yes X No	
Provide the estimated quantities to be used for each purpose (camp, drilling, etc.). Identify proposed chan	iges.:
Camp – 10 m³/day; Drilling – 289 m³/day (no changes)	
Does the proposed amendment change the method(s) of extraction?	No
Describe the method(s) of extraction. Identify proposed changes. : Water pumped from lakes proximal to targets (no changes)	
Does the proposed amendment change the quantity(s) of water returned to source(s)?	
☐ Yes X No	
Estimated quantity(s) of water returned to source(s). Identify proposed changes. : m³/c	day
Does the proposed amendment change the quality(s) of water returned to source(s)?	
☐ Yes ☐ No	
Describe the quality(s) of water(s) returned to source(s). Identify any changes.: No changes - Excess waters may be directed back to the source, but quality is not impacted by drilling operations as the water bypasses the drill.	
4. WASTE	
4. WASTE Check the appropriate box(s) to indicate the types of waste(s) approved in the existing licence.	
Check the appropriate box(s) to indicate the types of waste(s) approved in the existing licence. ✓ Sewage	
Check the appropriate box(s) to indicate the types of waste(s) approved in the existing licence. ✓ Sewage ✓ Solid Waste ✓ Hazardous ✓ Sludges	
Check the appropriate box(s) to indicate the types of waste(s) approved in the existing licence. Sewage Solid Waste Greywater Hazardous Bulky Items/Scrap Metal Contaminated soil and/or water	
Check the appropriate box(s) to indicate the types of waste(s) approved in the existing licence. ✓ Sewage ✓ Solid Waste ✓ Hazardous ✓ Sludges	
Check the appropriate box(s) to indicate the types of waste(s) approved in the existing licence. Sewage Solid Waste Greywater Hazardous Bulky Items/Scrap Metal Animal Waste Contaminated soil and/or water	
Check the appropriate box(s) to indicate the types of waste(s) approved in the existing licence. Sewage Solid Waste Greywater Hazardous Sludges Bulky Items/Scrap Metal Animal Waste Other (describe): Mineralized and non-mineralized drill cuttings	
Check the appropriate box(s) to indicate the types of waste(s) approved in the existing licence. Sewage Solid Waste Greywater Hazardous Sludges Bulky Items/Scrap Metal Contaminated soil and/or water Animal Waste Other (describe): Mineralized and non-mineralized drill cuttings Does the proposed amendment change the type(s) of waste(s) to be generated or deposited? Yes No If Yes, indicate using the boxes below, the proposed change(s) to the type(s) of waste(s) to be generated	

Does the proposed	amendment change th	ne method(s) of tre	atment for the type	es of waste involved?
		☐ Yes X	No	
Does the proposed	amendment change th	ne method(s) of dis	sposal for the types	s of waste involved?
		☐ Yes X	No	
f Yes to any of the a	above, describe the pr	oposed changes: _		
	ste indicated in Block and method of dispos		mposition, quantity	in cubic meters/day,
Type of Waste	Composition	Quantity Generated	Treatment Method	Disposal Method
Sewage	Liquid	~6 m³/day	NA	Mixed with greywater for disposal into a designated low lying area located directly south of camp
Sewage	Solid	~0.8 m³/day	NA	Collected in pacto-toilets and incinerated daily with cyclonator incinerator.
Solid Waste	Paper, non- treated wood, food waste, domestic garbage		NA	Incinerated daily
-lazardous	Used aerosol cans, used oil filters			Sorted and stored for transport to an approved facility
Bulky Items/ Scrap Metal	Old non- contaminated drill rods			Sorted and stored for transport
Waste Oil				Sorted and stored for transport to an approved facility
Greywater	Shower and kitchen water	Up to 10 m³/day	Kitchen grease and food particles removed inline	Discharged into shallow sump containing punctured drum filled with gravel for filtering
Drill Cuttings (non-mineralized)	Uranium concentration <0.05%			Pumped to a natural low lying depression
Orill Cuttings (mineralized)	Uranium concentration >0.05%			Collected and stored in radioactive storage compound

If Yes, indicate any additional authorizations required, which authorizations are no longer required, and which authorizations continue to be required.
For each provide the following:
Authorization:
Administering Agency:
Project Activity:
Date (expected date) of issuance: Date of expiry:
17. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES
Does the proposed amendment change the predicted environmental impacts of the undertaking or the mitigation measures?
☐ Yes X No
Describe direct, indirect, and cumulative impacts related to water and waste. Identify any changes.
18. WATER RIGHTS OF EXISTING AND OTHER WATER USERS
Was compensation paid and/or an agreement(s) for compensation been entered into with any existing or other users of water during consideration of the existing licence?
☐ Yes X No
If Yes, provide the names, addresses and the nature of water use by those persons or properties.
Does the proposed amendment adversely affect any known persons or property including those that hold licences for water use in precedence to the application, domestic users, in-stream users, authorized waste depositors, owners of property, occupiers of property, and/or holders of outfitting concessions, registered trapline holders, and holders of other rights of a similar nature?
☐ Yes X No
If Yes, provide the names, addresses and the nature of water use of those persons or properties.
Advise the Board if compensation has been paid and/or an agreement(s) for compensation has been reached with any existing or other water users with respect to the proposed amendment.
19. INUIT WATER RIGHTS
Was compensation paid/ or an agreement(s) for compensation been entered into with any Designated Inuit Organization (DIO) during consideration of the existing licence?
☐ Yes X No
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	the proposed amendment substantially affect the quality, quantity or flow of waters flowing through Owned Land (IOL)?
	☐ Yes X No
	advise the Board if negotiations have commenced or an agreement to pay compensation for any radamage has been reached with one or more DIO(s) with respect to the proposed amendment.
20.	CONSULTATION - Provide a summary of any consultation meetings including when the meetings were held, where and with whom. Include a list of concerns expressed and measures to address concerns.
	tations were completed each year and reported in the Annual Reports. No concerns with exploration is were expressed.
21.	SECURITY INFORMATION
Does	the proposed amendment change the financial security assessment?
	☐ Yes X No
Does	the proposed amendment change the estimate of the total financial security for final reclamation?
	☐ Yes X No
AREV. securit	imate for total financial security was not submitted with the original water licence application; however, A is working closely with the Kivalliq Inuit Association (KIA) on the arrangements of updated financial y. If required for information purposes, AREVA can forward the security estimates to the NWB. The sed amendment is editorial and does not result in a change to security estimates.
liability Estima third pate to the	e an estimate of the total financial security for final reclamation equal to the total outstanding reclamation for land and water combined sufficient to cover the highest liability over the life of the undertaking. Itees of reclamation costs must be based on the cost of having the necessary reclamation work done by a party contractor if the operator defaults. The estimate must also include contingency factors appropriate particular work to be undertaken. Identify any changes in the financial security assessment resulting the proposed amendment.
princip	applicable, the financial security assessment should be prepared in a manner consistent with the als respecting mine site reclamation and implementation found in the <i>Mine Site Reclamation Policy for ut</i> , Indian and Northern Affairs Canada, 2002.
22.	FINANCIAL INFORMATION
Is the s	statement of financial security the same as that considered in the existing water licence?
	☐ Yes ☐ No rement of financial security was not included with the original water licence application. Considering the all nature of the amendment request, there would be no change to statement of financial securities.
Provide	e an updated statement of financial security. Not applicable
If the a	pplicant is a business entity please answer the questions below:

Is the list of the officers of the company the same as those considered in the existing water licence?
☐ Yes X No
Provide a list of the officers of the company.
Board of Directors: Mr. Andreas Mittler AREVA Mining Business Group Mr. Jean-Francois Beland AREVA Canada Inc. Mr. Vincent Martin President & CEO Mr. Jim Corman VP Operations and Projects Ms. Tammy Van Lambalgen VP Regulatory CSR & General Counsel
List of Officers (Senior Management): Mr. Vincent Martin – President & CEO Mr. Jim Corman – VP Operations and Projects Ms. Tammy Van Lambalgen – VP Regulatory CSR & General Counsel Mr. Tony Van Burgsteden – VP, Finance and CFO Mr. Dale Huffman – VP Safety, Health, Environment and Quality Mr. Bruce Walls – VP Human Resources and Industrial Relations
Is the Certificate of Incorporation or evidence of registration of the company name the same?
✓ Yes
Attach a copy of the Certificate of Incorporation or evidence of registration of the company name.
23. STUDIES UNDERTAKEN TO DATE
List and attach updated studies, reports, research etc.
Studies done to support the environmental assessment process have been included in Annual Report submissions.
Provide a compliance assessment and status report including a response to any inspector's reports. The licensee must contact the NWB for licence specific direction in completing the assessment and report.
If in non-compliance, a licence may not be issued until compliance is achieved. If in non-compliance, attach plans/reports for consideration. Application will not be processed if significant issues of non-compliance exist.
AANDC identified a non-compliance to Part F item 4 (failure to contain drilling waste) and Part H item 2 (failure to prevent waste deposition into water) during an on-site inspection on July 16, 2014. AREVA subsequently reported the spill of non-mineralized cuttings to the spill report line and relevant authorities. Corrective actions were put in place by relocating excess water discharge and conducting more frequent inspections of the area. The spill report outlining corrective actions was provided to the NWB. AREVA outlines all compliance items within the Annual Report submitted each year. AREVA's response to inspection items from both the KIA and AANDC inspectors can be found in the recent Annual Report submission.

24.	PROPOSED TIME SCHEDULE					
When are proposed amendments scheduled to be undertaken: May to September 2015						
Does the proposed amendment change the time schedule considered in the existing licence for any phase of development?						
☐ Yes X No						
Indicate the start and completion dates for each applicable phase of development (construction, operation, closure, and post closure). Identify proposed changes. Exploration activities typically run from end of May/beginning of June to September each year.						
•		Proposed Completion Date:(month/year)				
	Operation Proposed Start Date: (month/year)	Proposed Completion Date:(month/year)				
	Closure	Proposed Completion Date:(month/year)				
	Post - Closure Proposed Start Date: (month/year)	Proposed Completion Date: (month/year)				
For each applicable phase of development indicate which season(s) activities occur.						
	Construction ☐ Winter ☐ Spring ☐ Summer ☐ Fa	all All season				
	Operation ☐ Winter ☐ Spring ✓ Summer ☐ Fa	II				
	Closure ☐ Winter ☐ Spring ☐ Summer ☐ Fa	ıll 🗍 All season				
	Post - Closure Winter Spring Summer Fa	all All season				
25. PROPOSED TERM OF LICENCE						
On what date does the existing licence expire? June 13, 2018						
Is the Licensee applying for a combined renewal and amendment of the existing licence?						
☐ Yes X No						
If Yes, indicate the proposed term of the renewal (maximum of 25 years):						
Requested date of renewal issuance: Requested Expiry Date:						
(month/year) (month/year)						

(The requested date of renewal issuance must be <u>at least</u> three (3) months from the date of application for a type B water licence and <u>at least</u> one (1) year from the date of application for a type A water licence, to allow for processing of the water licence application. These timeframes are approximate and do not account for the time to complete any pre-licensing land use planning or development impact requirements, time for the applicant to prepare and submit a water licence application in accordance with any project specific guidelines issued by the NWB, or the time for the applicant to respond to requests for additional information. See the NWB's *Guide 5: <u>Processing Water Licence Applications</u> for more information)*

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26. ANNUAL REPORTING				
Will the proposed amendment change the content of annual reports or the annual report template?				
☐ Yes X No				
If Yes, provide details regarding the content of annual reports and a proposed outline or template of the annual				
report.				

27.	CHECKLIST				
The following must be included with the application for Amendment for the water licensing process to begin.					
	Completed Application for Water Licence Amendment form.				
	✓ Yes	□ No	If no, date expected		
	Information addressing Supplement Information Guideline (SIG), where applicable (see Block 11)				
	☐ Yes Advisor, the SIG are d	X No raft only and not us	If no, date expected As directed by the NWB Technical sed at this time		
	Compliance Assessment / Status Report (see Block 23).				
	✓ Yes	□No	If no, date expected		
	Indication of Renewal Requirement (see Block 26)				
	✓ Yes	□No	If no, date expected		
	English Summary of Amendment Application.				
	✓ Yes	□No	If no, date expected		
	Inuktitut and/or Inuinnaqtun Summary of Amendment Application.				
	✓ Yes	□No	If no, date expected		
<u>}</u>	Application fee of \$30.00 CDN (Payee Receiver General for Canada).				
	✓ Yes	□No	If no, date expected		
	Water Use Fee Deposit of \$30.00 CDN (Payee Receiver General for Canada). The actual water use fee will be calculated by the NWB based upon the amount of water authorized for use in accordance with the Regulations at the time of issuance of the licence.				
	✓ Yes □ No If no, date expected The entire sum of actual water use fees for the licensed amount has been provided in conjunction with this amendment application.				
28.	SIGNATURE	<u> </u>			
	aomi Stumborg Name (Print)	Exploration Health, Envi and Quality Superv Title (P	ronment (SHEQ) isor Nam Stuff March 19, 2015		