



NIRB File No.: 08EN015
AANDC File No.: N2012C0007
KIA File No.: KVL307C02
NWB File No.: 2BE-QAM1217

June 29, 2015

The Honourable Bernard Valcourt
Minister of Aboriginal Affairs and Northern Development
c/o Tracey McCaie, Manager Land Administration
Aboriginal Affairs and Northern Development Canada
P.O. Box 100
Iqaluit, NU X0A 0H0

Sent via email: tracey.mccaie@aandc.gc.ca; landsmining@aandc.gc.ca

Re: Application Exempt from the Requirement for Screening pursuant to Section 12.4.3 of the NLCA: Cameco Corporation's "Turqavik-Aberdeen" project, Kivalliq Region

Dear Tracey McCaie:

On April 8, 2015 the Nunavut Impact Review Board (NIRB or Board) received an application from Aboriginal Affairs and Northern Development Canada (AANDC) for an extension to Land Use Permit N2012C0007 for Cameco Corporation's "Turqavik-Aberdeen" project. The NIRB notes that the Nunavut Planning Commission previously issued a positive conformity determination (Keewatin Regional Land Use Plan) associated with this project on March 9, 2012.

Please be advised that the original application for the project (NIRB File No.: 08EN015) was received by the NIRB from Indian and Northern Affairs Canada (INAC; now AANDC) on February 13, 2008 and was screened by the Board in accordance with Part 4, Article 12 of the Nunavut Land Claims Agreement (NLCA). On April 4, 2008 the NIRB issued a NLCA 12.4.4(a) screening decision to the Minister of INAC and to the President of the Kivalliq Inuit Association indicating that the proposed exploration activities could proceed subject to the NIRB's recommended project-specific terms and conditions.

Additional authorization and extension requests associated with the "Turqavik-Aberdeen" project have also been reviewed by the NIRB following screening of the original project proposal (File No. 08EN015). In most instances, the NIRB confirmed that the applications were exempt from the requirement for further screening pursuant to Section 12.4.3 of the NLCA and the activities therein remained subject to the terms and conditions recommended in the original

April 4, 2008 Screening Decision Report. A summary of the additional applications associated with NIRB File No. 08EN015 is presented in Table 1.

On January 12, 2012 the NIRB received an application for an amendment request for the Land Use Licence with the Kivalliq Inuit Association (KIA) associated with the above mentioned project. After a thorough assessment of the project proposal, including public comment submissions, the NIRB determined that the request would result in a change to the original scope of the project and on April 5, 2012, recommended the application of new terms and conditions pursuant to Section 12.4.4(a) of the NLCA, in addition to the terms and conditions already applicable through the April 4, 2008 Screening Decision Report.

Table 1: Additional applications associated with NIRB File No. 08EN015

Authorization	Application			NIRB Decision	
	Date Received by NIRB	Type	Reason for Application	Date Issued	Type
INAC Land Use Permit (N2008C0007)	November 2, 2009	Extension	Continue exploration activities	November 9, 2009	Reissued April 4, 2008 SDR
INAC Land Use Permit (N2008C0007)	January 19, 2010	Amendment	Addition of drills to continue exploration	February 1, 2010	Reissued April 4, 2008 SDR
NWB Water Licence (2BE-QAM0813)			Increase daily water allowance		
INAC Land Use Permit (N2008C0007)	February 17, 2011	Extension	Continue exploration activities	February 23, 2011	Reissued April 4, 2008 SDR
NWB Water Licence (2BE-QAM0813)	January 16, 2012	Renewal	Continue exploration activities and use water for domestic purposes	April 5, 2012	Reissued April 4, 2008 SDR with <i>additional</i> terms and conditions
KIA Land Use Licence (KVL307C02)	January 25, 2012	Amendment	Establishment of exploration camp and installation of bulk fuel storage tanks on IOL		
AANDC Land Use Permit (N2012C0007)	April 3, 2012	New Land Use Permit	Continue exploration activities		
AANDC Land Use Permit (N2012C0007)	February 17, 2014	One year extension	Continue exploration activities, conduct minor geological research and camp maintenance	February 27, 2014	Reissued April 5, 2012 SDR including <i>additional</i> terms and conditions

Notes: AANDC = Aboriginal Affairs and Northern Development Canada; INAC = Indian and Northern Affairs Canada; IOL = Inuit Owned Lands; KIA = Kivalliq Inuit Association; NIRB= Nunavut Impact Review Board; NWB = Nunavut Water Board; SDR= Screening Decision Report

The current AANDC application, the original NIRB Screening Decision Report (File No. 08EN015) and related file information are available from the NIRB's online public registry at the following location:

<http://ftp.nirb.ca/01-SCREENINGS/COMPLETED%20SCREENINGS/2008/08EN015-Cameco%20Corporation%20-%20Turqavik-Aberdeen/>.

PREVIOUSLY-SCREENED PROJECT PROPOSAL:

As previously screened by the NIRB (File No. 08EN015), the "Turqavik-Aberdeen" project was located within the Kivalliq region, approximately 100 kilometres (km) west from Baker Lake. The Proponent indicated that it intended to continue uranium exploration activities on its properties by diamond drilling, prospecting, mapping, as well as ground and airborne geophysical surveys. The proposed project area was located on both sides of the Thelon River, south of the traditional caribou calving grounds of the Beverly Caribou Herd, within the post-calving grounds and migratory path (including several designated caribou crossings) of the Beverly and Ahiak caribou herds.

The activities and components associated with the previously screened proposal included:

- Use of existing, temporary (20 person) camp at Qamanaarjuk Lake (constructed in 2006)
- Development of a natural airstrip near the camp for tundra wheeled aircraft - some levelling required;
- Exploration program to include:
 - Geophysics surveys including potential gravity, resistivity, electro-magnetic and magnetic surveys
 - On land diamond drilling
 - Between 10 & 20 diamond drill holes (3,000 – 6,000m) max. depth 500m
 - Geological mapping, prospecting, sampling and geophysical surveys (ground and airborne)
 - Borehole core sampling
- Transportation, storage and use of fuel at camp site with potential storage at designated drill site area;
 - Fuel to be transported overland in the winter and by aircraft in summer
- Use of snowmobile, helicopter and/or fixed-wing aircraft to transport personnel and equipment to drill sites depending on season;
- Movement of drill and/or equipment from Baker Lake during winter; to be moved overland using low ground pressure track vehicles;
- Use of water for domestic and drilling purposes;
- Production of human, combustible, non-combustible and grey-water wastes;
- Incineration of combustible wastes and solid sewage;
- Removal of non-combustible wastes to local landfill; and
- Storage of products, chemicals and hazardous materials.

The activities associated with the previous November 2, 2009 INAC Land Use Permit were to extend the permit for one additional year to continue previously approved exploration activities.

The activities and components associated with the previous January 19, 2010 amendment include:

- Amend LUP N2008C0007 from operating 1 diamond drill to operating 2 diamond drills; and
- Amend Nunavut Water License 2BE-QAM0813 to increase the daily water allowance of 58 m³ (to support camp and 1 drill) to 111 m³ per day (to support the camp and 2 diamond drills).

The activities and components associated with the previous February 17, 2011 extension include:

- Diamond drilling, prospecting, sampling, geological mapping, and ground geophysical surveys based out of camp on Qamanaarjuk Lake;
- Drill 7,000 to 12,000 metres (m) from June to October using a helicopter-portable drill; and,
- Fuel, drill supplies and equipment hauled overland using snow-tracked vehicles between March and May.

The activities and components associated with the previous January 12, 2012, January 25, 2012 and April 3, 2012 amendment included:

- Construction of a larger exploration camp (averaging 38 people with total capacity of 75 people) on Inuit Owned Land on the southeast shore of Aberdeen Lake to replace existing camp located on Crown Land on the southwest shore of Qamanaarjuk Lake;
- Use of a natural, flat, fine gravel area adjacent to the proposed camp as an airstrip to bring in supplies;
- Install and commission bulk fuel storage tanks to replace the use of drummed fuel. Bulk fuel storage tanks would be located adjacent to the proposed camp and would include:
 - Diesel – 250,000 litres [L] (5 x 50,000L tanks)
 - Jet A-1 – 300,000 L (6 x 50,000L tanks)
 - Gasoline – approximately 820 L (4 x 205L drums)
 - Propane – approximately 30 x 100 pound cylinders
- Increase usage of water for domestic and drilling purposes to a maximum of 5,000 L/day for camp use and approximately 55,000 L/day for each diamond drill (maximum 5 drills), for a total of 280,000 L/day (or 280 m³/day); and
- The proposed activities were to occur from the spring of 2012 to the fall of 2013.

The activities and components associated with the previous February 16, 2014 one year extension included:

- Continue minor exploration activities at 51 mineral claims within both the Turqavik (12 claims) and Aberdeen (39 claims) properties.
- Minor geological research.
- Camp maintenance.

CURRENT APPLICATION:

Cameco Corporation is proposing to extend its AANDC Land Use Permit No. N2012C0007 for two years to conduct camp maintenance and upkeep, deconstruction of specific facilities, and transfer of 100,000 litres fuel from the Aberdeen Lake Camp site to the AREVA Kiggavik

campsite to eliminate bulk fuel stored at the camp. Deconstruction activities are planned for July to August 2015 with haul-out or fly-out of deconstructed materials between January and April 2016.

Please note that Section 12.4.3 of the NLCA states that:

“Any application for a component or activity of a project proposal that has been permitted to proceed in accordance with these provisions shall be exempt from the requirement for screening by NIRB unless:

(a) such component or activity was not part of the original project proposal; or

(b) its inclusion would significantly modify the project.”

After completing a review of the information provided in support of the current application, the NIRB is of the understanding that the proposed extension does not change the general scope of the original project activities, and the exceptions noted in NLCA 12.4.3(a) and (b) do not apply. Therefore, this application is exempt from the requirement for screening pursuant to Section 12.4.3 of the NLCA and the activities therein remain subject to the terms and conditions recommended in the April 5, 2012 Screening Decision Report (enclosed).

If you have any questions or require additional clarification, please contact Sophia Granchinho, Senior Technical Advisor, at (867) 793-4480 or sgranchinho@nirb.ca.

Sincerely,



Ryan Barry
Executive Director
Nunavut Impact Review Board

cc: Jennifer Rysavy, Cameco Corporation
Lee Ann Pugh, Aboriginal Affairs and Northern Development Canada
Phyllis Beaulieu, Nunavut Water Board
Luis Manzo, Kivalliq Inuit Association

Enclosure: NIRB Screening Decision Report, File No.: 08EN015 (April 5, 2012)