



Water Resources Division
Resource Management Directorate
Nunavut Regional Office
P.O. Box 100
Iqaluit, NU, X0A 0H0

Your file - Votre référence
2BE-LUX1820

April 20, 2020

Our file - Notre référence
CIDM#1284589

Richard Dwyer
Manager of Licensing
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU, X0B 1J0
sent via email: licensing@nwb-oen.ca

**Re: Crown-Indigenous Relations and Northern Affairs Canada's comments on
North Arrow Minerals Inc.'s renewal application for water licence #2BE-
LUX1820 for the Luxx Project**

Dear Mr. Dwyer,

Thank you for your March 19, 2020 invitation for technical review comments on the above referenced application. The Water Resources Division of Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC) examined the application and the results of our review are provided in the enclosed memorandum for the Nunavut Water Board's consideration.

Comments have been provided pursuant to CIRNAC's mandated responsibilities under the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* and the *Department of Crown-Indigenous Relations and Northern Affairs Act*. If there are any questions or concerns, please contact me at (867) 975-3876 or by e-mail at sarah.forte@canada.ca.

Sincerely,

Sarah Forté
Water Management Specialist

Technical Review Memorandum

To: Richard Dwyer, Manager of Licensing, Nunavut Water Board

From: Sarah Forté, Water Management Specialist, Water Resources Division, CIRNAC

Date: April 20, 2020

Re: Crown-Indigenous Relations and Northern Affairs Canada's comments on North Arrow Minerals Inc.'s renewal application for water licence #2BE-LUX1820 for the Luxx Project

Region: ☐ Kitikmeot ☒ Kivalliq ☐ Qikiqtani

A. BACKGROUND

On March 19, 2020, the Nunavut Water Board provided notification of North Arrow Minerals Inc.'s (North Arrow) submission of a renewal application for their Type B water licence 2BE-LUX1820 for the use of water and deposit on the Luxx Project.

North Arrow is proposing a drilling program involving use of up to 50 m³/day from viable lakes and streams close to yet to be determined drill locations on a property located in the Kivalliq region, approximately 60 km west of Chesterfield Inlet and 90 km north of Rankin Inlet. The Luxx field program is planned in two phases. Phase 1 will involve drill-testing a small number of land-based and lake-based targets. If results of this initial work are positive, Phase 2 would involve further delineation of targets identified from Phase 1 drilling, as well as drill-testing additional targets.

Proposed drilling will be conducted during the spring and/or summer months and would be run out of Chesterfield Inlet with crews staying in the community. The drill program would run for approximately 1-2 weeks with a small diamond drill transported by helicopter.

No work was done in the 2 year duration of the current licence. The renewal application is new but the three plans previously submitted were not updated. The licence application requests a term of 2 years.

B. RESULTS OF REVIEW

Since the application has not changed since the 2018 renewal and there is no new information from annual reports or inspections, the results of CIRNAC Water Resources'

review are unchanged. Below CIRNAC re-iterates a single comment and recommendation for the Board's consideration:

1. Company contacts in Spill Contingency Plan

Comment

The applicant has not included any company contact information of their personnel in the case of a spill or an emergency. Providing the contact information in the Spill Contingency Plan will make it easier to coordinating any efforts, in the event they are needed.

Contact information for resources outside their company are already present in the plan.

Recommendation

CIRNAC recommends the applicant update the Spill Contingency Plan with contact information for the personnel on site in case of a spill or an emergency.

C. REFERENCES

2016-2019 NWB Annual Reports for licence Luxx Project, North Arrow Minerals Inc., March 2017-2020.

Application for Water Licence Renewal, North Arrow Minerals Inc. March 5, 2020.

NWB Water Licence No. 2BE-LUX1820, Nunavut Water Board, May 10, 2018.

Re: INAC's Review of North Arrow Mineral's Renewal Application for their Type B Water Licence 2BE-LUX1618 – Lux Property, Indigenous and Northern Affairs Canada, March 5, 2018.

Spill Contingency Plan, Luxx Project, Nunavut, North Arrow Minerals Inc., December 11, 2017.

Summary of Proposed Activities – Luxx Property, Kivalliq Region, Nunavut, North Arrow Minerals Inc. March 6, 2020.