

STATE OF ALASKA

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF MINING, LAND AND WATER

DAM SAFETY AND CONSTRUCTION UNIT



Certificate of Approval to Modify a Dam

The **State of Alaska** under AS 46.17, and the regulations adopted under this statute, grants to:

Northern Star Resources LTD

The approval to modify the following structure at Pogo Mine in accordance with the terms and conditions contained in this certificate:

Pogo RTP Dam (NID ID# AK00304)

The location of this project is: S23, T5S, R14E, Fairbanks Meridian

The holder of this certificate shall:

- ☐ Modify the dam and appurtenant works in accordance with the documents listed in Attachment A.
- ☐ Except for claims or losses arising from negligence of the State, defend and indemnify the State against, and hold it harmless from any and all claims, demands, legal actions, loss, liability and expense for injury or death of persons, and damages to or loss of property, arising out of or connected with the exercise of the approval granted by this certificate.
- ☐ Comply with all applicable laws, regulations and conditions.
- ☐ Allow representatives of the Department to inspect the work and records covered by this certificate at all times determined necessary by the Commissioner.
- ☐ Follow special conditions listed in Attachment A, attached hereto and made a part hereof.

CERTIFICATE OF APPROVAL TO MODIFY A DAM
Pogo R.T.P. Dam

This *Certificate of Approval to Modify a Dam* is granted subject to the pertinent statutory provisions in AS 46.17 and the administrative regulations in Article 3 of 11 AAC 93. This certificate is valid only for the time period indicated in Attachment A.

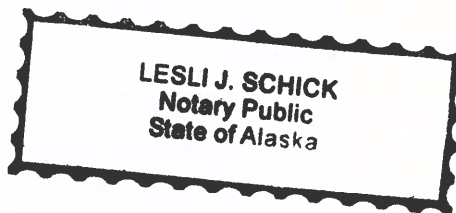
APPROVED BY: Benjamin Wagner, P.E.

TITLE: State Dam Safety Engineer
Division of Mining, Land and Water

SIGNATURE: *Ben Wagner*

DATE: *March 5, 2024*

State of Alaska)
) SS.
Third Judicial District)



This is to certify that on *March 5th*, 2024, before me appeared Benjamin Wagner, known by me to be the Authorized Representative of the Division of Mining, Land and Water, Alaska Department of Natural Resources, and acknowledged to me that this Certificate of Approval was voluntarily executed on behalf of the State of Alaska.

Lesli J. Schick
Notary Public in and for the State of Alaska

My Commission expires: *with office*

CERTIFICATE OF APPROVAL TO MODIFY A DAM
Pogo R.T.P. Dam

Attachment A – Special Conditions

1. This certificate approves the modification of the dry stack tailings facility (DSTF) from a permitted capacity of 20 million tons (Mt) to a nominal capacity of 24.9 Mt as described in the technical memorandum titled *Stability Analysis of the Minor Expansion of the Pogo Mine Dry Stack Tailings Facility* dated June 30, 2023 and *DSTF Construction and Maintenance Plan* dated September 8, 2023.
2. During the modification of the DSTF, the Pogo RTP Dam must continue to be operated as a Class I (high) hazard potential classification dam as defined in 11 AAC 93.157 as authorized under the most current *Certificate of Approval to Operate a Dam* issued by the Department. The proposed modification does not affect the hazard potential classification of the Pogo RTP Dam.
3. If any conditions are encountered which require substantial clarification, deviation or change in the design or construction from the plan referenced in Special Condition 1, the clarification, deviation or change must be approved in writing by a qualified engineer and submitted to the Department. Any clarification, deviation or change that could affect the safety of the dam must be approved in writing by the Department before continuing that aspect of construction.
4. Notify the Department within one week after the date construction on the modification begins and ends. The beginning of this project is defined as when the permitted capacity of 20 millions tons is reached.
5. This *Certificate of Approval to Modify* expires December 31, 2027.

End of Attachment A