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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

File: 1BR-CUL1828

April 2, 2020

Allison Brown
Barrick Gold Corporation
P.O. Box 788
Penticton, BC
V2A 6Y7

Email: allisonbrown@barrick.com

Paul Brugger,
Barrick Gold Inc.
1084 County Rd 8
Campbellford, Ontario
K0L 1L0

Email: pbrugger@barrick.com

**RE: Licence No. 1BR-CUL1828 Type “B”; Cullaton Lake Project, Barrick Gold Inc.;
2018 and 2019 Annual Reports Review**

Dear Allison Brown and Paul Brugger:

The Nunavut Water Board (NWB or Board) has completed the technical review of the 2018 and 2019 Annual Reports (2018 Report and 2019 Report, respectively) (Reports) for Type “B” Water Licence 1BR-CUL1828 (Licence). The 2018 Report was received on March 30, 2019, and the 2019 Report was received on March 20, 2020 from Barrick Gold Inc. (Barrick or Licensee) and submitted as a requirement under Part B of the Licence.

Copies of all documents received during Reports review can be accessed through the NWB’s Public Registry and FTP site using the following link:

[ftp://ftp.nwb-oen.ca/registry/1%20INDUSTRIAL/1B/1BR%20-%20Remediation/1BR-CUL1828%20Barrick%20Gold%20Inc/3%20TECH/1%20GENERAL%20\(B\)/2%20ANNUAL%20RPT/](ftp://ftp.nwb-oen.ca/registry/1%20INDUSTRIAL/1B/1BR%20-%20Remediation/1BR-CUL1828%20Barrick%20Gold%20Inc/3%20TECH/1%20GENERAL%20(B)/2%20ANNUAL%20RPT/)

The NWB distributed the 2018 Report and 2019 Report to the Kivalliq distribution list for information on April 2, 2019 and March 27, 2020, respectively. No comments have been received to date.

The Board notes that the Licensee indicated in the 2018 Report the concentration of total suspended solids (TSS) at Monitoring Program Station 940-2 was 87.3 mg/L. The Licensee noted in the 2018 Report that no discharge of Effluent occurred; however, the Board would like to remind of the Effluent quality limits imposed by Part E, Item 7 of the Licence.

The Board was pleased to receive the detailed document entitled “Barrick Cullaton Lake Tailings – 2018 Thermistor Installation” dated November 22, 2018 and submitted with the 2018 Report. The Board reminds Barrick of the requirement set out in Licence Part K, Item 4: “(t)he Licensee shall submit a Thermistor Monitoring Program for Board review with the 2018 Annual Report”. In addition, Barrick stated in the “Cullaton Lake Mine Closure and Reclamation Plan” dated August 10, 2018 as approved by the Board:

The thermistor monitoring program will be carried out as a separate program outside the Closure and Reclamation Plan monitoring program. The number of, and location of thermistors will be defined as part of a stand-alone program, outside the CRP Post-Closure monitoring program.

To date, the NWB does not have a record of receiving the Thermistor Monitoring Program. Therefore, the Board requests that the Licensee provide the missing information on or before **June 30, 2020**.

If you have any questions, please contact the undersigned at assol.kubeisinova@nwb-oen.ca or (867) 360 6338 (ext. 31).

Best regards,



Assol Kubeisinova
Nunavut Water Board
Technical Advisor

Cc: Distribution List – Kivalliq