



**NIRB File No.: 05MN047 & 12MN001**

NWB File No.: 2AM-DOH1323

ECCC File No.: SOR/2008-216

DFO File No.: 07-HCAA-CA7-00117, NU-02-0117.2, NU-02-0117.3 & NU-10-0028

INAC File No.: 077A03001 & 77A3-1-2

TC File No.: 8200-02-6565

December 3, 2020

Oliver Curran  
Vice President, Environmental Affairs  
TMAC Resources Inc.  
Suite 1010, 95 Wellington Street W.  
Toronto, ON M5J 2N7

Sent via email: [oliver.curran@tmacresources.com](mailto:oliver.curran@tmacresources.com)

**Re: The Nunavut Impact Review Board's 2019-2020 Annual Monitoring Report for Doris North Gold Mine and Phase 2 Hope Bay Belt Projects and Board's Recommendations**

Dear Oliver Curran:

The Nunavut Impact Review Board (NIRB or Board) is hereby releasing its *2019-2020 Annual Monitoring Report for Doris North Gold Mine and Phase 2 Hope Bay* (Monitoring Report) which includes the NIRB's Assessment of TMAC Resources Inc.'s (TMAC) Compliance Status with both the Doris North Gold Mine Project Certificate No. 003 and the Phase 2 Hope Bay Belt Project Certificate No. 009 (Appendices A and B). The enclosed Monitoring Report is based on the NIRB's monitoring activities as set out within the respective Project Certificates, Sections 12.7.1 and 12.7.2 of the *Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in right of Canada (Nunavut Agreement)*, and s. 135 of the *Nunavut Planning and Project Assessment Act*, S.C. 2013, c. 14, s. 2 (*NuPPAA*). This report provides the findings that resulted from monitoring of this Project from October 2019 to September 2020.

By way of a motion carried during its regular meeting held in October 2020, the Board has issued the following recommendations to assist TMAC Resources Inc. in achieving compliance with the Doris North Gold Mine and Phase 2 Hope Bay Project Certificates and to ensure the NIRB has all information necessary to adequately discharge its mandate with respect to provisions within Section 12.7 of the *Nunavut Agreement* and s.135 of *NuPPAA* as they pertain to the Projects.

## **Potential Dust Generation and Mitigation**

In 2019 the Board recommended that TMAC include in its 2019-2020 Annual Report a discussion of whether new monitoring technologies may be available and practical to measure dustfall, and demonstrate that the past and current experience of mining operations in northern conditions, specifically Meadowbank, Mary River, Diavik, and Ekati, is being taken into account when implementing dust monitoring and mitigation and is implemented within the Air Quality Management Plan.

In the November 14, 2019 response from TMAC, TMAC stated:

TMAC will provide a discussion on new monitoring technologies to measure dustfall implemented at site and their results during 2019 Annual Reporting. TMAC will also review past and current experience of mining operations in northern conditions, and if required will incorporate any lessons learned when implementing dust monitoring and mitigation measures implemented under the AQMP [Air Quality Monitoring Program].

This discussion was not provided in the 2019-2020 Annual Report. While circumstances due to the ongoing COVID-19 pandemic may be why the information was not provided, the requirement for the information remains outstanding.

**Recommendation 1:** The Board requires TMAC complete the analysis regarding dustfall methodologies recommended by the Board in 2019 to which TMAC agreed to provide in the 2019-2020 reporting period.

The Board requires this report to be included within the 2020 Annual Report.

All documents relating to this Monitoring Report can be obtained from the NIRB's online public registry at [www.nirb.ca/project/123632](http://www.nirb.ca/project/123632) and [www.nirb.ca/project/124148](http://www.nirb.ca/project/124148). Within the *Documents Tab* of the Project Dashboard, the target documents can be accessed from the 'Annual Reports' document category.

The Board respectfully requests that TMAC Resources Inc. provide a response within the timeline as requested for each of the recommendations.

Should you have any questions or require clarification on this or other matters related to the NIRB's monitoring of the Doris North Gold Mine and Phase 2 Hope Bay Projects, please contact the undersigned at [kmorrison@nirb.ca](mailto:kmorrison@nirb.ca).

Sincerely,



Keith Morrison  
Manager, Impact Assessment  
Nunavut Impact Review Board

cc: Alex Buchan, TMAC Resources Inc.  
Shelley Potter, TMAC Resources Inc.  
Doris North Distribution List  
Phase 2 Distribution List

Enclosure: The Nunavut Impact Review Board's *2019-2020 Annual Monitoring Report for Doris North and Phase 2 Hope Bay*