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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

**File: 2AM-DOH1323/
G19**

September 14, 2015

John Roberts
Vice President, Environmental Affairs
TMAC Resources
Suite 1010 95 Wellington Street
Toronto, Ontario, M5J 2N7
Email: john.roberts@tmacresources.com

Subject: Water Licence No. 2AM-DOH1323; TMAC Resources Inc.'s Submission of an updated waste rock and ore management plan (to include Pad T)

Dear Mr. Roberts:

On April 27, 2015, TMAC Resources Inc. (TMAC or the Licensee) submitted a letter and associated documents to the Nunavut Water Board (NWB or the Board) seeking the NWB's approval for a Plan entitled "*Hope Bay Project Doris North Waste Rock and Ore Management Plan, Revision 02*" (WR&OM Plan or the Plan) dated April 2015. This request relates to Part G, Item 19 of the Water Licence No. 2AM-DOH1323 for the Doris North Project (Project). The Plan submitted for approval is a revision to the Plan currently utilized by TMAC, the *2010 Waste Rock and Ore Management Plan*. The revised version includes plans and procedures for waste rock and ore management and the construction and operation of a new waste rock storage pad identified as Pad T.

The Plan and associated documents were distributed for review to interested parties with a deadline of June 8, 2015. On or before this date, Aboriginal Affairs and Northern Development Canada (AANDC), Environment Canada (EC) and the Kitikmeot Inuit Association (KIA) provided comments on the material submitted. After an exchange of correspondence between the reviewers, during which TMAC addressed the concerns and questions raised throughout the review, all of the commenters eventually indicated their approval of the plan.

On June 18, 2015 following a preliminary review of the Plan completed in a coordinated approach with the Nunavut Impact Review (NIRB), the NWB sent a letter with a formal request to the NIRB, requesting the NIRB to review the information associated with the proposed Plan and determine if a change in scope was required to the NIRB's Project Certificate. In the same

letter, the NWB stated if the NIRB determined that a change of scope was not required, the Board would proceed with the review process for the revised Waste Rock and Ore Management Plan.

On August 13, 2015, after completing a review of the Plan and associated documents, the NIRB issued a letter exempting the Plan from the requirements of screening pursuant to Section 12.4.3 of the NLCA, declaring that the activities remain subject to the terms and conditions recommended in the original Project Certificate NIRB No.003 issued by the NIRB on September 15, 2006.

The Board wishes to highlight that the Plan contemplates the addition of new infrastructure on-site, a new waste rock storage pad (Pad T), and consequent to this the total site liability has marginally increased. The addition of Pad T to the Project infrastructure may require an adjustment of the security furnished by the Licensee, which is currently set at \$13.090 million dollars¹, in a quantity reflective to the costs associated with the remediation of Pad T. The Licensee provided a cost estimate for this remediation work of \$6,000².

Considering that the increment in security estimate related to Pad T is less than 0.05% of the total security amount furnished by the Licensee, and also that an amendment process is currently underway for TMAC's licence³ through which an adjustment of the security amount will be discussed, the Board has determined that an adjustment to the total security amount is not necessary at this time.

A summary of the correspondence and documents related to the Plan's review is listed in Table No.1. These documents, as well as other documents related to the Licence, can be obtained from the NWB ftp site through the following link:

<ftp://ftp.nwb-oen.ca/1%20PRUC%20PUBLIC%20REGISTRY/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-DOH1323%20TMAC/3%20TECH/6%20MODIFICATIONS%20%28H%29/2015%20Pad%20T/>

Therefore, given NIRB's Decision, and the information and comments submitted by interested parties during the review process, the Board hereby approves the *Doris North Waste Rock and Ore Management Plan*, Revision 02, dated April 2015, by Motion No. 2015-P7-001.

The Approval of the Plan will allow the construction and operation of the waste rock storage pad identified as Pad T. The use and design characteristics of Pad T will be according to the approved Waste Rock and Ore Management Plan. In addition, the following criteria should apply to Pad T:

- The maximum volume of storage allowed is 560,000 tonnes of material; and
- The pad should be constructed in a manner that protects the underlying tundra from traffic loads and facilitate any hydrocarbon spill remediation measures.

¹ Water Licence 2AM-DOH1323 issued on August 16, 2013

² Memo entitled "*Doris North Project: Waste Rock Storage Pile (Pad T) Reclamation and Security Brief to Doris North Type A Water License No. 2AM-DOH1323*" prepared by SRK Consulting Inc. (SRK) dated March 27 2015

³ TMAC's Application for Water Licence 2AM-DOH1323 Amendment on June 15, 2015

Should you have any questions regarding the information above, please do not hesitate to contact the Technical Advisor assigned to this file, Sonia Aredes, at 867-979-3079 or by email to sonia.aredes@nwb-oen.ca, or David Hohnstein, Director of Technical Services, at (780) 443-4406 or by email to David.Hohnstein@nwb-oen.ca. For procedural related inquiries and/or request for information, please contact Phyllis Beaulieu, Manager of Licensing, at 867-360-6338 or by email to Phyllis.Beaulieu@nwb-oen.ca.

Sincerely,

Sonia Aredes
Technical Advisor

Enclosed: Table 1

TABLE 1: CORRESPONDENCE RELATED TO THE 2015 WR&OM PLAN REVIEW

NO.	DOCUMENT
1.	Cover letter to the NWB from J. Roberts, TMAC; Re: Request for Approval under Part G Item 19 of 2AM-DOH1323 , dated April 27, 2015 with the following documents: <ul style="list-style-type: none"> • Procedural History • Waste Rock and Ore Management Plan – Revision 02 (SRK , April 2015) • Design Brief Pad T (SRK 2015) • Stability Assessment: Pad T (SRK 2015) • Low Salt Underground Drilling Procedure (2014) • Revised Security Estimate Calculation, Pad T (SRK 2015)
2.	Email to Doris Distribution List from NWB Re: 150508 2AM-DOH1323 Request to Modify Waste Rock and Ore Management Plan , on May 8, 2015
3.	Email to NIRB from NWB, Re: Water Licence No. 2AM-DOH1323 TMAC Resources Inc. Updated Waste Rock and Ore Management Plan (2015) Request for NIRB assessment , on June 18 2015
4.	Letter to NWB from KIA, Re: TMAC's Request to Modify Waste Rock and Ore Management Plan to Incorporate Pad T , on June 3, 2015
5.	Letter to NWB from AANDC, Re: Aboriginal Affairs and Northern Development Canada Review of TMAC Resources Inc Request to Modify their Existing Waste Rock and Ore Management Plan - Water Licence No. 2AM-DOH1323 on June 5, 2015
6.	Letter to NWB from EC, Re: Water Licence 2AM-DOH1323 Request for Comments on NWB Item – TMAC Resources Inc. – Waste Rock and Ore Management Plan , on June 8 2015
7.	Letter to NWB from TMAC Re: Part G Item 9 of 2AM-DOH1323 Request for Approval of Revised Waste Rock and Ore Management Plan – Response to Party Comments; and Revisions to TMAC Resources Inc. Amendment Application No.1 of Project Certificate 003 and Water Licence 2AM-DOH1323 – Clarification on Waste Rock and Ore Management Plan , on July 6, 2015
8.	Letter to NWB from TMAC Re: Part G Item 19 of 2AM-DOH1323 Request for Approval of Revised Waste Rock and Ore Management Plan – Responses to Party Comments (EC) on July 20 2015. Attached: “ Kinetic Testing of Waste Rock and Ore from the Doris Deposits, Hope Bay ” prepared by SRK, dated June 2015
9.	Letter to NWB from AANDC Re: Aboriginal Affairs and Northern Development Canada Review of TMAC Resources Inc.'s July 6, 2015 Response to Submitted Comments on their Request for Approval of a Revised Doris North Waste Rock and Ore Management Plan. Part G, Item 19 of Water Licence No. 2AM-DOH1323 on July 23, 2015
10.	Letter to NWB from TMAC Re: Part G Item 19 of 2AM-DOH1323, Request for Approval of Revised Waste Rock and Ore Management Plan - Responses to Party Comments (AANDC) , on July 24 2015
11.	Letter to NWB from AANDC Re: Part G, Item 19 of Water Licence No. 2AM-DOH1323, Request for Approval of Revised Waste Rock and Ore Management Plan – TMAC Resource Inc Response to Aboriginal Affairs and Northern Development Canada Additional Review Comments , on July 27 2015
12.	Letter to NWB from EC, Re: Water Licence 2AM-DOH1 323 TMAC Resources Inc., Waste Rock and Ore Management Plan Responses to Party Comments (EC) , on July 31 2015
13.	Letter to NWB from TMAC, Re: Part G Item 19 of 2AM-DOH1323, Request for Approval of Revised Waste Rock and Ore Management Plan - Responses to Party Comments (EC) , on August 5, 2015
14.	Letter to NWB from NIRB, Re: Application Exempt from the Requirement for Screening pursuant to Section 12.4.3 of the NLCA: TMAC Resources Inc.'s “Doris North Gold Mine” Waste Rock and Ore Management Plan Revision, Kitikmeot Region , on August 13 2015
15.	Letter to NWB from KIA, Re: TMAC's Request to Modify Waste Rock and Ore Management Plan to incorporate Pad T , on August 14, 2015
16.	Email to EC from TMAC Re: Clarification Regarding 2AM-DOH1323, Pad T on August 24, 2015