Environmental Protection Operations Prairie and Northern Region (PNR) P.O. Box 2310 5019 - 52nd St, Yellowknife, NT X1A2P7

March17, 2017

EC file: 6100 000 010 034 NWB file: 2AM-DOH1323

Sonia Aredes Technical Advisor, Nunavut Water Board, P.O. Box 119, Gjoa Haven, Nunavut, X0B 1J0

Via email to licensing@nwb-oen.ca

RE: TMAC-Doris North Project - Technical Comments regarding updated Management plans under Water Licence 2AM-DOH1323

Attention: Ms. Aredes,

Environment Canada and Climate Change Canada (ECCC) has reviewed the above-mentioned management plans and is submitting a comment in the attached table. ECCC's specialist advice is provided in context of the *Canadian Environmental Protection Act*, 1999, and the pollution prevention provisions of the *Fisheries Act*.

Should you have any questions regarding the foregoing please contact Mark Dahl at (204) 983-4815 or via email at mark.dahl@canada.ca.

Sincerely,

Mark Dahl

Environmental Assessment Coordinator

cc: Georgina Willistion, Head, Environmental Assessment North (NT and NU). ECCC Review Team



Attachment: ECCC Comment Table

ECCC Comments Regarding TMAC's Doris North Project – Updated Management Plans Under Water Licence 2AM-DOH1323

Comment Number	Reference	Comment	Recommendation
1	Section 4.2 Hope Bay Quarry Management and Monitoring Plan – Revision 2	The proponent states that "Following completion of the construction of the road and pad areas, an inspection will be conducted by a qualified field geologist or geochemist in order to characterize the rock used in construction and to identify and sample ephemeral seeps occurring through the road construction material. The objective of this program will be to confirm that an environmentally-significant level of metal leaching (ML) is not occurring from the road materials." However it is unclear what is meant by "an environmentally significant level of metal leaching"	ECCC notes that all seepage resulting from metal leaching must be managed or mitigated and requests that the proponent define what is meant by an "environmentally significant level of metal leaching".