

Executive Summary

TMAC Resources Inc. (the Proponent or TMAC) is proposing to develop the Phase 2 Hope Bay Belt Project (the Project) at the currently operating Doris North Mine in the Kitikmeot region of Nunavut approximately 153km southwest of Cambridge Bay. The Project consists of the construction, operation, and closure of the Madrid North, Madrid South and Boston deposits. Construction of the Project is proposed to last 5 years starting as early as 2019.

In Nunavut, Environment and Climate Change Canada (ECCC) participates in the Water Licence process by providing specialist expert information or knowledge to the Nunavut Water Board (NWB) as required under Article 13 of the *Nunavut Agreement*. ECCC has participated in all phases of the Water Licence process for the Project thus far and has provided comments on the initial review-completeness check, including follow-up responses to the Proponent after the completeness check. ECCC submitted a Technical Comments Submission and participated in a Technical Meeting held in May of 2018. The Department also reviewed the Proponent's Technical Meeting Commitment Responses submitted in June of 2018. ECCC is continuing its participation by way of this Final Written Submission to the NWB for consideration.

This Final Written Submission summarizes the results of ECCC's technical review of the outstanding issues and the additional information provided by the Proponent following the Technical Meeting. The comments and recommendations provided are based on ECCC's mandate in the context of the *Canadian Environmental Protection Act*, the pollution prevention provisions of the *Fisheries Act*, and the *Metal and Diamond Mining Effluent Regulations*.

ECCC's comments and recommendations are with respect to the Aquatics Effects Management Plan, Effluent Quality Criteria, and mitigation and monitoring of in-water construction activities.

