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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

File No.: 2BE-IZO1823/TR/D1

March 18, 2019

Theodore J. Muraro
Manager Exploration Support - Americas
MMG Limited
Level 26 – 1177 West Hastings St.
Vancouver, BC, V6E 2K3, Canada
E-mail: theodore.muraro@mmg.com

RE: Licence No. 2BE-IZO1823, Type “B”, MMG Resources Inc.; Request to Carry out Open Burning of Acceptable Materials

Dear Mr. Muraro,

On February 22, 2019, the Nunavut Water Board (NWB or Board) received a request from MMG Limited (MMG or Licensee) to complete controlled open burning, without the use of an incinerator, of untreated wood and paper during the reclamation activities at the Hood Camp. The NWB distributed the request for review by intervenors. Comments were received from Crown-Indigenous Relations and Northern Affairs Canada (CIRNAC) and Environment and Climate Change Canada (ECCC) on March 11, 2019.

Upon review of the request, supporting documentation, terms and conditions in Licence 2BE-IZO1823, and intervenors' comments, the NWB is satisfied that the activity, as proposed by the Licensee, would not directly or indirectly impact surface and groundwater, which is a requirement under Section 12.1(a), (b) of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act*, and maintain its obligations to adhere to the terms and conditions in licence. The NWB has, therefore, approved the request under motion No. 2018-B1-036, dated March 15, 2019, for an open burning of untreated and unpainted wood materials to be carried out in the 2019 field season.

The Licensee is advised of its obligations to comply with all of the terms and conditions in its Licence, as well as all applicable regulations and established guidelines^{1,2}, which apply to open burning in Nunavut. In addition, the NWB has included as Appendix A, a summary of additional practices for carrying out the activity.

¹ Government of Nunavut Department of Environment, Environmental Guideline for the Burning and Incineration of Solid Waste, revised January 2012.

² ECCC, Open Burning of Garbage Brochure, dated 2010.

Should you have any questions, please feel free to contact the undersigned at 867-360-6338 ext. 31 or by email at assol.kubeisinovalnwb-oen.ca at your earliest convenience.

Regards,

Assol Kubeisinoval
Technical Advisor
Nunavut Water Board

Cc: Distribution List – Kitikmeot

APPENDIX A – PRACTICES FOR OPEN BURNING

The NWB highlights several key items of this approval for carrying out of the activities, which include:

- a. The Licensee shall follow the Government of Nunavut's policy on the open burning of segregated wastes, and shall not allow the open burning of plastics, wood treated with preservatives, electrical wire, Styrofoam, asbestos or painted wood;
- b. Solid wastes that are conditionally suitable for open burning are paper products, paperboard packaging and untreated wood wastes only;
- c. Wood and other acceptable products will be kept as dry as possible before and during burning;
- d. The size of the burn pile will be minimized, and a **"hot burn"** maintained to create an efficient burn using consistent/constant feed rates to avoid over-feeding and damping the fire;
- e. Burning will only be undertaken during favorable weather conditions (i.e. will not be undertaken during periods of extreme wind or during wet rain conditions);
- f. Fires will be completely extinguished to ensure that any smoldering of material does not persist;
- g. The Burn pits are to be located on appropriate surfaces (bedrock, gravel or sand) and in areas such that impacts to surface water and groundwater drainage do not occur;
- h. The Burn pits are constructed, operated and maintained so that any materials to be disposed of are contained during the process, including ashes;
- i. Any residual waste and ashes be collected and disposed of in an appropriate, approved facility; and
- j. Surface water runoff from the Burn pit areas shall be managed to prevent any direct or indirect flow into a water body and that no additional impacts to water are created.