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Ian Rumbolt
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VIA EMAIL

David Hohnstein
Director Technical Services
Nunavut Water Board
PO Box 119
Gjoa Haven, NU X0B 1J0
dts@nunavutwaterboard.org

Re: 2AM-DOH0713 Request for establishment of water discharge criteria for temporary ammonium nitrate storage and containment berm

Dear Ian and David,

Hope Bay Mining Ltd. (HBML) will be storing ammonium nitrate (AN) in a temporary lined berm to reduce the risk of AN spills to the environment until the permanent explosives mixing and storage facility is constructed east of Tail Lake. HBML has constructed a temporary storage and containment berm for AN shipping containers on the existing reagent pad south of Roberts Bay as an interim measure (UTM Coordinates 13W 7560168 432478 NAD 83). Amendment No. 2 to 2AM-DOH0713 permitted the construction of reagent containment facilities on this pad.

HBML requests permission to establish a discharge point to the environment from the sump in the lined temporary AN storage facility. Any water that accumulates in the AN storage facility will be sampled from the facility sump and measured against ST-1 and ST-11 criteria prior to discharge. The Type 'A' Licence 2AM-DOH0713 does not contain specific water sampling criteria for discharge from an AN containment berm; therefore, HBML suggests the use of the ST-1 and ST-11 discharge criteria because ST-11 is the sampling station for the reagent and cyanide storage facility that was permitted in Amendment. We feel that the criteria for ST-1 and ST-11 would be protective of the environment in this instance. HBML therefore suggests that the discharge point applied to this temporary SNP sampling point be reported as ST-11b using the ST-1 and ST-11 discharge criteria listed below:

Parameter	Maximum Average Concentration (mg/L)	Maximum Concentration in any Grab Sample (mg/L)
pH	6.0-9.0	9
Total Suspended Solids	15	30
Total Ammonia - N	2	4
Total CN	1	2
Total Oil and Grease	5 and no visible sheen	10 and no visible sheen
Total Aluminum - T-Al	1	2
Total Arsenic - T-As	0.05	0.1
Total Copper - T-Cu	0.02	0.3
Total Iron - T-Fe	0.3	0.6
Total Lead - T-Pb	0.01	0.02
Total Nickel - T-Ni	0.05	0.1
Total Zinc - T-Zn	0.01	0.02

Once the permanent Explosives Mixing and Storage Facility has been constructed east of Tail Lake as permitted by Amendment 2 to the Licence, and the AN relocated, any water accumulating in the Explosives Mixing and Storage Facility berms would report to the Tailings Impoundment Area. The temporary AN storage facility will be removed.

Thank you for your consideration of this request. I am available to discuss this with you at your convenience. Feel free to contact me at angela.holzapfel@newmont.com or 604-345-3122.

Sincerely,

Angela Holzapfel
Manager of Environmental Compliance
Hope Bay Mining Ltd.

cc. Phyllis Beaulieu, Nunavut Water Board, Stanley Anablak, KIA Lands