



Environment Environnement
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Our file: 4703 001

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Via Email at licensing@nwb.nunavut.ca

RE: NWB2CRA – Committee Bay Resources Ltd. – Crater Lake Project Amendment

On behalf of Environment Canada (EC), I have reviewed the information submitted with the above-mentioned application. The following specialist advice has been provided pursuant to Environment Canada's mandated responsibilities for the enforcement of the *Canadian Environmental Protection Act*, Section 36(3) of the *Fisheries Act*, the *Migratory Birds Convention Act*, and the *Species at Risk Act*.

Committee Bay Resources Ltd. has applied for an amendment to the current water license to allow for the following changes: upgrade to the Hayes Camp to winterize the camp and accommodate up to thirty (30) people; addition of the Bullion semi-permanent camp; addition of a temporary winter Dore camp and; new drilling sites at Four Hills and Three Bluffs.

Environment Canada recommends that the terms and conditions applied to Committee Bay Resources Ltd.'s current water license be carried over to this amendment. The following conditions should also be applied throughout all stages of the project:

- The proponent shall not deposit, nor permit the deposit of any fuel, drill cuttings, chemicals, wastes or sediment into any water body. According to the Fisheries Act, Section 36(3), the deposition of deleterious substances of any type in water frequented by fish, or in any place under any conditions where the deleterious substance, or any other deleterious substance that results from the deposit of the deleterious substance, may enter any such water, is prohibited.
- The proponent has indicated that drilling additives will be used in association with this project. Environment Canada would like to inform the proponent that the *Canadian Environmental Protection Act* has recently listed CaCl as a toxic substance. The proponent shall therefore ensure that if CaCl is used as a drill additive, all sumps containing CaCl are properly constructed and located in such a manner as to ensure that the contents will not enter any water body.
- Any new sumps created shall be located above the high water mark of any water body and in such a manner as to prevent the contents from entering any water body frequented by fish. Further, all sumps shall be backfilled upon completion of the field season and contoured to match the surrounding landscape.
- The proponent shall not store materials on the surface ice of lakes or streams, except that which is for immediate use.

- Environment Canada recommends the use of an approved incinerator for the disposal of combustible camp wastes.
- The application indicates that no on-ice drilling is to occur. If the program changes and on-ice drilling is planned, EC requests that a map be submitted indicating the location of the drill holes. Further review may be required at that time.
- The Environmental Procedure Plan appended to the application indicates that “if encountered, artesian water flow will be controlled to prevent erosion of the ground surface and silting of watercourses”. Environment Canada recommends that if artesian flow is encountered, the drill holes be immediately plugged and permanently sealed
- In their Spill Contingency Plan, the proponent has indicated that either the NWT Spill Line and/or the DIAND Spill Line may be contacted in the event of a spill. However, all spills must be documented and reported to the NWT Spill Response Line at (867) 920-8130.
- All fuel caches shall be located above the high water mark of any water body. Further, EC recommends the use of secondary containment, such as self-supporting insta-berms, when storing barreled fuel on location.
- The proponent shall ensure that all hazardous wastes, including waste oil, receive proper treatment and disposal at a licensed facility.
- Drip pans, or other similar preventative measures, should be used when refuelling equipment on site.

If there are any other changes in the proposed project, EC should be notified, as further review may be necessary. Please do not hesitate to contact me with any questions or comments with regards to the foregoing at (867) 975-4639 or by email at colette.meloche@ec.gc.ca.

Yours truly,

Original signed by

Colette Meloche
Environmental Assessment Specialist

cc: (Mike Fournier, Northern Environmental Assessment Coordinator, Environment Canada, Yellowknife)