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Our File: 4703 001 108
NWB File: 2BE-SLA0811

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**RE: NWB 2BE-SLA0811- Golden Bull Resources Corp – Slave Project – Amendment “Type B”
Water License**

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 under the *Canadian Environmental Protection Act*, Section 36(3) of the *Fisheries Act*, the *Migratory Birds Convention Act*, and the *Species at Risk Act*.

Golden Bull Resources Corp. (Golden Bull) is applying to amend the Type B water licence for the Slave Project to include the exploration for mineral resources on the Rockinghorse (CO-44-00-01) claim in addition to the permitted Hood (CO-20-00-03R) and Contwoyto (CO-08-00-01, 02, 03 and 05) claims. Project activities will include prospecting, geological mapping, sampling, grid establishment and ground geophysical surveys. Depending on the results from exploration work, drilling programs may occur. Project activities will be supported by small fly camps and by two 20 man camps, which are proposed to be located at Penthouse Lake and Contwoyto Lake. Upon completion of the program, all garbage and camp materials will be removed, and disturbed areas remediated.

In the *Exploration/Remote Camp Supplementary Questionnaire* completed by Golden Bull, it is stated under Waste Treatment and Disposal that “burnable waste including camp waste (kitchen, paper, packaging, small wood and sewage) will be incinerated. This will be in a 205 L burn barrel or a CSA environmentally-rated incinerator.” Typical batch incinerators used in the north are not designed to burn raw sewage. The proponent should provide details on the type of incinerator that will be used as well as documentation from the manufacturer stating that this equipment is suitable for burning raw sewage. High moisture content of sewage will increase the operating costs dramatically and leads to poor performance of the incinerator. These liquids and solids can also present health hazards to workers. Environment Canada encourages the proponent to use alternative treatment and disposal options rather than incinerating raw sewage.

Environment Canada is developing a Technical Document for Batch Waste Incinerators. The technical aspects of the document focus on appropriate incineration equipment and best management practices required to achieve the Canada-Wide Standards for dioxins/furans and mercury. A draft copy of the executive summary of the technical document is provided. The board and the proponent are encouraged to contact EC for further information regarding the technical document.

Environment Canada has no issues with the amendment provided the proponent follows mitigation measures outlined in the application, addresses concerns listed above, and that they are in compliance with their existing water licence. Terms and conditions applied to the existing water licence should be carried forward to the amendment. Previous comments and recommendations submitted by C.Parker on October 19, 2007, relating to the Slave Project would still apply (see attached).

If there are any 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) 975-4631 or by email at carrie.spavor@ec.gc.ca.

Yours truly,

Original signed by

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cc: Carey Ogilvie (Head, EA-North, Environment Canada, Yellowknife, NT)
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