



Refer to File no577-5

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December 12, 2005

Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0

Attention: David Hohnstein, C.E.T
Technical Advisor Mining

Dear Sir:

Re: Amendment application for Water License NWB2FER0507

In response to your request for further clarification on several topics of Starfield Resources application for an amendment to their current Water License NWB2FER0507;

On November 16, 2005, David Honstein wrote:

1. *The renewal license was issued with a water use for camp at 5 m³/day. The information presented in the amendment application form and questionnaire indicates 7.714m³/day. Is this a requested change to the water use or an oversight? If a change, so we will need to address the volume when the application is distributed for review and comment;*

Starfield Resources response:

This is a request to change to the water usage from the current Water License.

David Honstein wrote:

2. *The questionnaire did not indicate that there was drilling involved with the project. I'm thinking this section was not filled out as the application was for the amendment of the camp location, however all pertinent information to the project needs to be included for the review. (Items 16 to 22 completed);*

Starfield Resources response:

Items 16 to 22 have been completed and a new questionnaire is submitted to the Nunavut Water Board along with this letter.

David Honstein wrote:

3. *The questionnaire, item 28, indicates that a "large diameter screen" on the water intake will*



avoid fish entrapment. I'm not sure if what was stated is what was actually meant. DFO guidelines provide information on the openings diameter of screens and they should be fine enough to avoid fish being drawn into the intake (or swimming in) and the velocity should be low enough to avoid impingement on the screen;

Starfield Resources response:

The intake end of the pipe will be equipped with a screen to avoid fish entrapment. The screen size will be determined following the calculations outlined in DFO's *Freshwater Intake End-of-Pipe Fish Screen Guidelines*. This will ensure that the fish are not being drawn into the intake, and the velocity is low enough to avoid impingement on the screen.

David Honstein wrote:

4. *The application form indicates that the treated effluent from the RBC will be discharged to a 12x12 sump, however paragraph 4 of Item 10 indicates that the treated water is to be returned to the Ferguson Lake drainage area (is this referring to the sump and the exfiltration from the sump?);*

Starfield Resources response:

The effluent that is returned to the Ferguson Lake drainage area is the exfiltration from the sump. The Rotating Biological Contractor treats all sewage and greywater, and depending on its input, can have a daily discharge of treated water. The RBC is set to create a discharge of treated water that is above effluent quality requirements.

Every six months the sludge build up has to be emptied out of the unit, the sludge will be air dried, and incinerated in the incinerator. According to discharge regulations, a sump is not required for the RBC, because it has a high quality treatment level. The sump is only a precautionary addition that would allow for extra treatment and storage if the RBC were to have a temporary breakdown.

David Honstein wrote:

5. *The start date indicates Jan1/06, however the completion date indicates "continuous", and this should be consistent with the current License unless an amendment to the current expiry date is being considered. As it stands, the expiry is July 07, still distant enough that other changes to the project may come up before then.*

Starfield Resources response:

An amendment to the current expiry is not being considered. The application will be changed to indicate a completion date on July 01/07.

A series of questions were asked on the Abandonment and Restoration Plan, as well as the Spill and Contingency Plan. These two plans were revised to address these concerns. Please find them attached, as well as the remote camp questionnaire, and the NWB WL application with appropriate changes.

Sincerely,

Latisha Heilman

RESCAN ENVIRONMENTAL SERVICES LTD.

Attachments:

- Abandonment and Restoration Plan
- Spill and Contingency Plan
- Remote Camp Questionnaire
- NWB Water License application