



André Douchane  
President  
Starfield Resources Inc.  
130 Adelaide Street West,  
Suite 2210, Toronto, ON  
MSH 3PS

September 16, 2009  
CIDM #355066

**Re: Starfield Resources Inc. Response to Inspector's Direction Issued September 14th, 2009**

Mr. Douchane,

I acknowledge receipt of the proposed plan. The plan as submitted as been sent to our Water's Division for a review of content. Upon the completion of that review a further letter may be submitted to your offices from that office.

With respect to a regulatory review for compliance with the issued direction and the Act, the Plan as provided reads as follows;

"Once the confirmatory sample results have been received and effluent quality parameters have been proven to be met and approvals received, the water in the secondary containment will be discharged to the environment. **The remainder of the accumulated water will be pumped, treated and discharged.** The 1" discharge line will be fed into a perforated discharge line to further control velocity and disperse the discharge water thereby reducing the potential for erosion. The discharge line will be visually inspected continuously during the treatment and discharge operations." (Page 2 Paragraph 3)

At first reading this seems to indicate that Starfield proposes to have a direct discharge to the environment after a period of testing. As I stated to Alison in earlier communications, INAC is not in favour of a direct discharge system but would much prefer to have the contaminated water and hydrocarbons treated, contained, tested and then assuming the end product meets criteria, discharged to the environment (batch system)...

Assuming that your staff and True Grit Consulting Ltd. are able to provide a formula that accurately predicts the breakthrough calculations on the media and that a suitable buffer is built into the calculations for media replacement, INAC may be willing to accept the direct discharge proposal at that time.

Currently this calculation is not included in your Plan and will most likely not be available until after testing of the first sets of samples have been completed. This may become an issue in the event the media does not perform as expected or other delays occur during the proposed period of treatment.



As such I draw your attention to item two in the issued direction which reads as follows;

**2. Such treatment work is to be completed no later than October 30th, 2009. In the event that such treatment work is not successful in achieving the required sampling results prior to discharge, such contaminated contact water will be stored over winter and on site until such time as treatment can be redone or modified to achieve the required results prior to discharge to the environment.**

Given the above I would ask you to resubmit your plan to include the following;

1. A plan to incorporate a process of batch treatment and discharge in the event that a formula can not be determined.
2. A plan to contain any and all treated and or untreated contaminated water on site in the event that the proposed plan and revisions fail to meet the specified criteria. This plan should also include estimates of snow and water volumes that will accumulate in the containment area over winter and the effect this increased volume of water may have on berm integrity.
3. A formula calculating breakthrough on the media to be used to treat the contaminated water. This is to be provided as soon as possible after testing and prior to any discharge to the environment.

Please ensure items 1 and 2 of the above are submitted as soon as possible to avoid any delays in reviewing the required plan.

If you have any questions or concerns with the above please do not hesitate to contact our offices, at your first convenience.

Please note that I will be away from the office from September 16<sup>th</sup>, 2009 until the 23<sup>rd</sup> of September, 2009. In my absence please contact Tanya Trenholm at 1-867-975-4566 or [Tanya.Trenholm@inac.gc.ca](mailto:Tanya.Trenholm@inac.gc.ca) for any assistance.

Sincerely,

(original signed and mailed this date)

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