

Alan Ehrlich

From: kevin o'reilly [kor@theedge.ca]
Sent: Friday, August 05, 2011 1:26 PM
To: Adrian.Paradis@aadnc-aadnc.gc.ca; Alan Ehrlich; Nicole Spencer
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Subject: Fwd: Preliminary Project Scope for Jo-Jo Lake - Reach 6 Baker Creek Pond, Giant Mine Yellowknife--Concerns and Issues
Importance: High

Thanks Adrian. I also attended the public information session put on by AAND on July 19, 2011 and expressed some of the concerns listed below.

- No cost estimates for the two options are provided.
- There are no references I could find related to the Developer's Assessment Report (DAR) and how the DAR may deal with Jo-Jo Lake tailings over the long term.
- While it is recognized that the AAND inspector has ordered that the work be completed by April 30, 2012, a longer term option may be rerouting Baker Creek drainage so as to avoid reoccurrence and future problems. This option is not raised or dealt with by Golder or AAND in the documents provided to date.
- There is no discussion of the potential of vegetation uptake of contaminants in the capping option or of the potential for the geotextile liner to be damaged by vegetation roots.
- The long-term care and maintenance requirements or perpetual care for the two proposed options are not discussed.
- It is not clear how this work may relate to the on-going Environmental Assessment of Giant Mine Remediation being conducted by the Mackenzie Valley Environmental Impact Review Board. I am concerned at the incremental implementation of the Giant Mine Remediation Plan while the Environmental Assessment is underway as evidenced by the Freeze Optimization Study, the Jo-Jo Lake tailings remediation and likely remediation of the recently discovered sink hole.
- Although the inspector has not requested a follow-up report to the initial spill, this issue was raised at the July 19, 2011 public information session.
 - What specific changes to site surveillance and monitoring have been proposed or implemented to avoid future problems on Baker Creek?
 - What lessons learned have there been from this spill?
 - What changes if any, have been made to communications protocols so local authorities and the public will be made fully aware and informed of future spills or events at the Giant Mine?

- Will a lessons learned report be made public available?

I hope that these concerns are responded to and taken into consideration during the remediation of the Jo-Jo Lake tailings.

Finally, I would ask the Review Board staff to file this e-mail on the public registry for the Giant Mine Remediation Environmental Assessment.

Kevin O'Reilly
Alternatives North

----- Original Message -----

From: kevin o'reilly <kor@theedge.ca>

Date: Thursday, August 4, 2011 8:42

Subject: Fwd: Preliminary Project Scope for Jo-Jo Lake - Reach 6 Baker Creek Pond, Giant Mine Yellowknife

To: kor@theedge.ca

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> ----- Original Message -----

> From: Adrian Paradis <Adrian.Paradis@aadnc-aadnc.gc.ca>

> Date: Wednesday, August 3, 2011 11:12

> Subject: Preliminary Project Scope for Jo-Jo Lake - Reach 6 Baker Creek Pond, Giant Mine Yellowknife

> To: Alan Ehrlich <aehrich@reviewboard.ca>, Nicole Spencer <nspencer@reviewboard.ca>

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<tslack@ykdene.com>

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>> Greetings,

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>> Attached for your information is the Reclamation Plan to permanently mitigate the historic tailings at Jo-Jo Lake (NT Spill 11-159).

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>> The Reclamation Plan involves placing 0.4 to 0.5 m thick gravel / coarse rock across Jo-Jo Lake. The gravel

would then be covered with a 0.3 to 0.5 m thick layer of fine sand with organics to allow the establishment of vegetation cover. Further details are included in the attached document by Golder Associates titled Preliminary Project Scope for Jo-Jo Lake - Reach 6 Baker Creek Pond Giant Mine, Yellowknife, dated August 2, 2011.

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>> If there are any questions or comments please do not hesitate to contact the undersigned.

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>> Yours truly,

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>> Adrian Paradis

>> A/Manager

>> Giant Mine Remediation Directorate

>> Aboriginal Affairs and Northern Development Canada