



Indian and Northern
Affairs Canada

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File: Tamerlane Ventures

July 2nd, 2007

To: Alistair MacDonald
Environmental Assessment Officer
Mackenzie Valley Environmental Impact Review Board
P.O. Box 938
Yellowknife, NT X1A 2N7

Regarding: Tamerlane Ventures Technical Sessions specific questions

As requested in the pre-technical session meeting, on June 27th 2007, INAC would like to submit the following more specific questions on the Closure and Reclamation Plan. Please note that more questions might come up at the technical sessions due to further research and discussions.

Closure and Reclamation Plan:

- P. 413 notes that Tamerlane will apply a broad suite of available reclamation measures. At this point in time, does Tamerlane have any specific reclamation measures in mind for the underground workings and its influence on groundwater or potentially surface water (i.e. quantity and quality)?
- P. 414 notes that "Pilot project decommissioning and restoration will be carried out using conventional best practices for northern mine construction and reclamation techniques". What are the best practices and reclamation techniques for a pilot project of this nature and the freeze curtain system?
- P. 417 notes that "The freeze plants will be turned off and the brine completely removed from the system." How will the brine be removed, what measures will be in place to prevent spillage/seepage and what are the disposal options that Tamerlane is considering?
- P.417 notes that "The freeze pipes will be reclaimed and the holes filled with grout". It is assumed that the pipes will be removed and the holes grouted. If so, how will this affect the long term groundwater flow in the area?
- INAC assumes that this proposed Closure and Reclamation (C&R) section in the DAR is only an outline of the C&R plan and that a more detailed C&R plan will be

submitted. New updated version of the “Mine Site Reclamation Guidelines for the Northwest Territories” dated January 2007 are available for your reference. Appendix A of the “Mine Site Reclamation Guidelines for the Northwest Territories” has an example of general content of a Closure and Reclamation Plan. Tamerlane’s plan should reflect the same content as proposed by the guidelines.

Thank you for the opportunity to provide comments. If you have any questions or concerns regarding these comments, please contact Catherine Mallet at (867) 669-2402 or MalletC@inac.gc.ca.

Sincerely,

David Livingstone
Director, Renewable Resources and Environment
Indian and Northern Affairs Canada