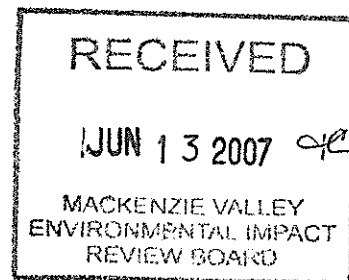




Northwest
Territories Environment and Natural Resources

Mr. Alistair MacDonald
Environmental Assessment Officer
Mackenzie Valley Environmental Impact Review Board
P.O. Box 938, 5102 - 50th Ave
Yellowknife, NT X1A 2N7



Dear Mr. MacDonald:

Tamerlane Ventures Inc. – Pine Point Pilot Project (EA0607-002)
GNWT Response to Technical Meetings Topics Questionnaire

Thank you for the opportunity to review Tamerlane Ventures Inc.'s proposed Pine Point Pilot Project's Developers Assessment Report. The Government of the Northwest Territories (GNWT) has identified two outstanding technical topics that require consideration for a Technical Meeting. Please find attached the GNWT's response to the Mackenzie Valley's Environmental Impact Review Board's Technical Meetings Topics Questionnaire.

Should you have any questions regarding our response, please feel free to contact me at (867) 920-6106.

Sincerely

Joel M. Holder
Environmental Assessment Analyst
Environmental Assessment and Monitoring
Environment and Natural Resources

Attachment



June 12, 2007

GNWT's Response to MVEIRB's Technical Meetings Topics Questionnaire

Water Quality

The water that is to be disposed of in the Infiltration Basin is of particular interest to GNWT's Department of Transportation (DOT) since they do not intend to surrender their interests in the quarry. It is possible that DOT will be reactivating that quarry at some future point to use more granular material for operation and maintenance and construction purposes.

1. How much water will be sent to the quarry from all sources and how will each water type be transported? Sewage effluent had not been considered in earlier discussions, though it is mentioned in the latest Developers Assessment Report (DAR). How does the lime treatment mentioned in the DAR come into this process?
2. How much of the overall quarry area will be impacted by the installation of Tamerlane infrastructure and subsequent use as a disposal area?
3. Is this to be a seasonal use of the quarry or all year round? Is freeze-up of the lines likely to be an issue, and what is the contingency plan if this occurs? Is freeze-down likely to impact water release into the quarry (infiltration damming) or will water be allowed to flow across the surface of the quarry?
4. If effluent is disposed of across the surface of the quarry, how will outflow (and potential sedimentation) from the site be controlled?
5. How often will water be flowing into the quarry?
6. How can DOT be sure the water is as clean and benign as Tamerlane claims it will be? Will this process contaminate the granular resources that remain in the quarry?
7. What down-drainage water systems will this effluent be reaching from the quarry? How will surficial drainage be impacted? Will groundwater drainage be impacted? Are suspended materials going to accumulate anywhere across this 'infiltration system'?
8. How will Tamerlane determine whether or not infiltration is sufficient across the entire quarry? There has been, to date, only one sample taken to address this matter.
9. Will Tamerlane conduct baseline assessments of the sites? Tamerlane should want to know if they are going to be flushing contamination from previous years' activities down through the system. Secondly, DOT will want to quarry material after Tamerlane operations have ceased and will want to be assured

that Tamerlane has not left anything accumulating on the sites. The baseline study should extend to the perimeter of the impact footprint to ensure that damage does not occur outside basin boundaries.

10. Will Tamerlane remove the effluent infrastructure upon completion of the pilot project and return the quarry back to a usable state?
11. If this pilot project turns out to be successful, will Tamerlane want to make the use of the infiltration basin a permanent arrangement? If so, would it not be more efficient to make those permanent arrangements at the front end of this development?
12. What monitoring and reporting arrangements will be established for the effluent disposal?

Waste Products

In the Closure and Reclamation section of the Developers Assessment Report, Tamerlane states 'waste oils will be shipped off site or burned or destroyed on site and unused chemicals as well as any other hazardous waste material will be either treated on site or shipped off site for disposal'.

1. Where will waste oils, unused chemicals and hazardous waste materials be shipped if these products are to be shipped?
2. Burning is not allowed according to Used Waste Oil regulations unless in approved incinerator. There is no mention of an incinerator in Tamerlane's application. Will Tamerlane have an approved incinerator on site?
3. How would Tamerlane treat on site unused chemicals as well as any other hazardous waste material?