

# Final Interim Monitoring Report Guidelines for the Jericho Project

### Purpose

The purpose of Tahera's annual report will be to summarize its compliance with the Jericho project certificate terms and conditions and develop an assessment of environmental impacts based on data gathered over the life of the Project. Condition 1 of the terms and conditions states:

Based upon the authority of Article 12.7.1, NIRB will appoint a full time Monitoring Agent for the Tahera project, whose mandate is to monitor the Project as it proceeds and to analyze the success of these Terms and Conditions as the project becomes operational, and beyond, to Abandonment and Restoration. Information gathered by NIRB's Monitoring Agent is public information that will be shared with the proponent and regulatory authorities.

An interim report is required in lieu of the 2004 and 2005 annual reports as per Condition 2 of the Jericho project certificate terms and conditions:

The responsibility of the NIRB Monitoring Agent is to give direction to the Proponent on its obligation to compile an annual report for the duration of the mine on major environmental impacts, especially wildlife, fish, and aquatic ecosystems. The Monitoring Agent's further assignments, and subject to direction from NIRB, include proposing, coordinating and suggesting studies, assessing the study results, undertaking action to follow-up, deciding on site visits, changes to the monitoring program, and recommending to NIRB any changes to the Terms and Conditions as appropriate under section 12.8.2 of the NLCA.

### **Objectives**

- 1. To summarize mine site activities to date
- 2. To clearly outline how the Jericho project terms and conditions are being implemented
- 3. To provide a detailed account of how Tahera has complied with regulatory instruments
- 4. To provide an initial assessment of environmental impacts of the Project.

### **Deadlines**

General comments on the draft interim report guidelines will be solicited until March 24th. The guidelines then will be revised by the Monitoring Officer and sent to the proponent in final form by March 31<sup>st</sup>. Tahera will have until May 31<sup>st</sup> to fulfill its obligations.

Upon receipt of Tahera's interim report, the report will be distributed and all parties will be asked to review it and provide feedback to the Monitoring Officer.



The Monitoring Officer will then prepare a report to the Board outlining the successes of the Jericho project certificate terms and conditions, environmental impacts of the project, and the success of Tahera's annual report in achieving the goals of the monitoring program.

Draft guidelines for Tahera's 2006 annual report will be distributed for comment pending the completion of the Monitoring Officer's report to the Board.

## **Environmental Components**

According to condition 2 of the Jericho project certificate, wildlife, fish and aquatic ecosystems have been specified as Environmental Components to be included in an annual report by the Tahera on major environmental impacts.

For major environmental impacts to be detected and interpreted, interconnections among ecosystem components must be respected. Furthermore, a greater breadth of reporting requirements may be of interest to regulators, land owners and the general public. Accordingly, Environmental Components have been added to those mentioned above.

The proposed Environmental Components and Sub-components forming the focus of Tahera's interim report are as follows:

- Air quality
- Wildlife: including but not limited to caribou, muskox, grizzly bear, wolverine, raptors, upland birds (shorebirds and songbirds) and waterfowl.
- Vegetation and wildlife habitat
- Aquatic effects: including water quality, aquatic biota, fish and fish habitat
- Socioeconomics
- Heritage resources

### **Required Information**

In its interim report, Tahera will provide the following information as it relates to each Environmental Component:

- a. Related Terms and Conditions
   Tahera will specify all project certificate terms and conditions related to each Environmental Component.
- b. Related Management/Monitoring Plans and Programs



Tahera will identify all management and monitoring plans and programs related to each Environmental Component.

## c. Objectives

Tahera will briefly summarize the objectives of the management and monitoring plans and programs for each Environmental Component.

## d. Impact Predictions

Tahera will briefly summarize the impact predictions found in the Final Environmental Impact Assessment for each Environmental Component and Sub-component. A discussion of the interaction between project components and the Environmental Component and/or Sub-component listed above will be included.

#### e. Results

Tahera will provide a summary of results from all management and monitoring plans and programs associated with each Environmental Component.

## f. Traditional Knowledge

Tahera will explain how traditional knowledge has been used in the collection, analysis, or interpretation of results for each Environmental Component.

g. Mitigation and Corrective Action

Tahera will describe measures taken to mitigate identified impacts on each Environmental Component and whether those measures were successful.

## h. Analysis and Interpretation

Tahera will identify any significant effects of the Project on each Environmental Component. This section will compare any prediction made in part *d*. with the results in part *e*. subject to any mitigation and corrective action outlined in part *g*. Furthermore, any impacts identified in this section will be assessed for their potential interactions with other Environmental Components.

### i. Adaptive Management

In response to identified impacts, Tahera will identify any measures taken through modification of management and monitoring plans and programs, and project policies.

# j. Proposed Research

Tahera will identify areas where research or supplementary information may be required to increase the effectiveness of monitoring and management strategies.

### **Presentation**

The results of this monitoring will be of interest to regulators, land owners and the wider public. For this reason, the body of the interim report will be non-



technical in nature. Any technical information and reference material will be included in appendices.

Any progress reports, annual reports and site inspections prepared over the course of the year for regulatory authorities and referenced by Tahera in the interim report will be appended to the interim report.

#### **Format**

- 1. Executive Summary
  - a. English
  - b. Inuinnaqtun
  - c. Inuktitut
- 2 Mine Site Activities
  - a. Existing Infrastructure
  - b. Updated site layout (map)
  - c. Stage of development
  - d. Progressive reclamation
- 3 Compliance
  - a. Tahera will describe how compliance has been achieved for all project certificate terms and conditions as per Table 1.
  - b. Tahera will provide an up-to-date list of all monitoring and management plans, licenses, permits and authorizations as per Table 2.
  - c. Tahera will report on any spills reported to the spill line. This section will include information on quantities and types of materials spilled and identify spill locations and the mitigation measures taken.
- 4 Environmental Components and Sub-Components
  - a. Air Quality
    - Required Information (a through j)
  - b. Vegetation and Wildlife Habitat
    - Required Information (a through j)
  - c. Wildlife
    - Required Information (a through j)
  - d. Aquatic Effects
    - Required Information (a through j)
  - e. Socioeconomics
    - Required Information (a through j)
  - f. Heritage Resources
    - Required Information (a through j)

Appendix 1 – Popular Summary



Tahera will prepare a popular summary of sections 2 (mine site activities) through 4 (environmental impacts). This summary will be provided in English, Inuinnaqtun and Inuktitut.



## **Tables**

No.	Term and Condition	Department(s) and/or Authorizing Agency(s)	Approval Instrument	Original Deadline	If deadline has been revised, give revised deadline and reason for delay.	Has Term and Condition been met? Y/N	How has Term and Condition been met?

Table 1. Tahera will describe how compliance has been achieved for all project certificate terms and conditions.

	Completed? Y/N	Updated? Y/N (if yes, provide explanation and append updated plan to this report)	Annual Report Deadline	Annual Report Submission Dates (past and present)	Department and/or Authorizing Agency	Applicable Regulatory Instruments	Relevant Terms and Conditions
Management Plans							
Monitoring Plans				·			
Licenses, Permits and Authorizations							

Table 2. Tahera will provide an up-to-date list of all monitoring and management plans, licenses, permits and authorizations according to the framework provided here.