



Giant Mine Environmental Assessment IR Response

Round One: Information Request - Alternatives North #20

May 31, 2011

INFORMATION REQUEST RESPONSE

EA No: 0809-001

Information Request No: Alt North #20

Date Received

February 28, 2011

Linkage to Other IRs

Alternatives North IR #2, 22
Review Board IR #11
YKDFN IR #5, 13, 18, 26
City of Yellowknife IR #2,
Environment Canada IR #2, 15

Date of this Response:

May 31, 2011

Request

1. Please provide a draft table of content or outline for each of the Annual and Status of the Environment (SOE) reports.
2. Please indicate whether INAC can commit at this point to providing details on the following items in these reports:
 - Monitoring and inspection (internal and external regulatory) program results;
 - Spills, non-compliance with regulatory requirements including responses and remedial actions;
 - Complaints received, if any, and responses;
 - Internal and external audit summaries and responses;
 - Summary of public consultations, issues raised and responses;
 - Predicted effects vs. actual monitoring results;
 - Changes to any monitoring and inspection programs and the rationale for same;
 - Adjustments to any conceptual or predictive models used to manage the Project;
 - Evaluation of the adaptive management systems; and
 - Long-term trends from baseline conditions.

Reference to DAR (relevant DAR Sections):

S.14.14 Access to Monitoring Data





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Reference to the EA Terms of Reference

S. 3.2.5 Accidents and Malfunctions

Response

The Giant Mine Remediation Project Team (Project Team) anticipates that compliance monitoring will be reported through the Annual and State of Environment Reports to the Mackenzie Valley Land and Water Board (MVLWB).

The content of the Annual Report will ultimately be decided by the MVLWB but the Project Team anticipates that the report will outline operational and environmental data collected over the previous year and at a minimum include:

- The monthly and annual quantities in cubic metres of Water obtained from Great Slave Lake and other sources;
- The monthly and annual quantities in cubic metres of Water discharged from the effluent treatment facilities;
- The estimated monthly and annual quantities in cubic metres of sludge generated from the Water Treatment Facility;
- A summary of Modifications and/or major maintenance work carried out on the Water Supply and Waste Disposal Facilities, including all associated structures;
- Tabular summaries of all data generated under the "Surveillance Network Program" and a discussion of any problems with data collection, analysis or results;
- A list of unauthorized discharges and remedial responses;
- A summary of major work completed during the year and an outline of any work anticipated for the next year;
- A summary of any studies requested by the Mackenzie Valley Land and Water Board that relate to Waste disposal, Water Use, or Remediation and a brief description of any future studies planned; and
- Any revisions to approved Management Plans in the Water Licence.

The Project Team anticipates that a Status of the Environment Report (SOE) will be a condition of Water Licence MV2007L8-0031 and will be submitted every three years during the initial 15 years of Remediation to the MVLWB. The SOE is intended to verify Remediation Project impact predictions, determine the effectiveness of the mitigation measures and identify any unanticipated impacts that may arise from the Remediation Project. The SOE at a minimum will include:

- Changes to any monitoring plans;
- Adjustments to conceptual or predictive models used to manage the Project in the previous three years;
- Evaluation of the adaptive management systems; and
- Evaluation of long term trends from baseline conditions.





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The SOE is intended to report on trends in the monitoring data and provide recommendations for modifications to the monitoring programs or site operations. Changes to specific monitoring plans are anticipated to be approved by the MVLWB.

Summaries of Public Consultations including issues raised and responses will be made publicly available. The Project Team commits to work with the Parties to determine what additional reporting may be required to the MVLWB.

