

Status on Technical Reports Submitted to the NWB

Completed by: Joe Murdock

Date: October 24th, 2005

Licence: NWB1JER0410

Jericho Diamond Mine

Status – NWB1JER0410 Technical Documents

The below is a listing of technical documents submitted by Tahera to the NWB as required in Licence NWB1JER0410:

1. **Freshwater Intake Causeway Plan (Part D Item 15)
For Board Approval
Conditionally Approved (July 28th, 2005)**

The conditions set by the Board for NWB approval include the following:

- i. The Licensee shall undertake a full scale in situ water intake calibration testing and analysis that provides a full evaluation of actual measured intake water quantities with respect to time to varying mechanical operational pumping rates. The results shall be submitted with documentation required by Part D, Item 18;
- ii. In accordance with Part D, Item 18, the Board requests documentation fully delineate the location of the intake pipe with respect to lake bed, water surface, and other freshwater intake causeway specifications after intake pipe installation; and
- iii. In accordance with Part D, Item 19, the Board requests that all construction records of the engineered structure are maintained and submitted to the Board within ninety (90) days.

The ninety (90) day period listed in condition iii. above comes to term this upcoming Wednesday October 26th, 2005. The construction records should include the provisions in conditions i. and ii. (As per part D Item 18 "documentation of field decisions that deviate from original plans and any data used to support these decisions").

As per review of DFO's August 18th, 2005 Site Visit (communicated through correspondence sent September 1st, 2005) a "road surface was constructed along the top of the causeway using a mixture of crushed stone. The material extended over the shoulders of the causeway, resulting in fines (silt) along the causeway-water interface". The following is Tahera's response to NWB's inquiry regarding rock used for construction received July 6th, 2005:

NWB QUESTION:

Could Tahera please define the term "clean rock" in a quantifiable term (i.e. method or % fines specification)? How will Tahera ensure that acceptably low caked fines content on the rock for construction are not present when used in causeway construction?

TAHERA RESPONSE: CLEAN ROCK IS DEFINED AS RUN-OF-MINE GRANITE AND IS GENERALLY ABSENT OF ANY SIGNIFICANT QUANTITIES OF OVERBURDEN OR TILL. THE METHOD EMPLOYED IS FOR THE TAHERA ENGINEERING AND

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ENVIRONMENTAL PERSONNEL TO INSPECT THE ROCK TO BE USED FOR THE CAUSEWAY MATERIAL TO ENSURE THE ABSENCE OF TILL MATERIAL OR THAT ANY TILL MATERIAL HAS BEEN CLEANED OFF.

The above was reiterated in SRK's addenda received by the NWB on July 21st, 2005.

With respect to the DFO site visit comments issued September 1st, 2005 no formal response has been received by the NWB by Tahera. As of the week of October 10th, 2005 DFO had yet to receive response (personal communication with Derrick Moggy).

2. **Wastewater Treatment Plant Design (Part D Item 8)
For Board Approval
Resubmission Required**

Tahera submitted a proposed design. The Board did not approve the Tahera submission. The Board asked for a resubmission of materials (As detailed in July 28th, 2005 correspondence from NWB to Tahera). To this date Tahera has yet to communicate any materials to the NWB regarding the Wastewater treatment Plant.

3. **Spill Plan (Part J Item 1)
For Board Approval
NWB Processing**

This document is currently undergoing the final stages of review.

4. **Waste Rock Management Plan (Part H Item 3)
For Board Approval
Undergoing 30 Day Review Period**

This document is currently out for review.

4. **Long Lake Dewatering Plan (Part D Item 13)
For Board Approval
NWB Processing**

This document is currently undergoing stages of review. Philippe di Pizzo had emailed Tahera regarding the status of the Dewatering Plan on October 7th, 2005. The NWB has still yet to receive response on its status.

5. **C1 Diversion (Part D Item 16)
For Board Approval
30 Day Review Period is Complete**

The 30 day review period has just closed the day this document was sent out

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(Oct. 24th, 2005).

As stated in the DFO site visit report (Sent to NWB Sept. 1st, 2005) sediment curtains have been installed in Stream C1 with DFO identifying them as ineffective. Culvert installation was taking place during the site visit (Aug 18th, 2005). DFO outlined issues with the specifications of the culvert and installation. Please see the DFO site visit plan attached along with this document for further detail.

6. **Long Lake Divider Dyke (Part D Item 2)
For Board Approval
NWB Processing**

The 30 day review period had just closed on October 21st, 2005. The document is going through NWB processing.

7. **East and Southeast Dam Design (Part D Item 2)
For Board Approval
Undergoing 30 Day Review Period**

This document is currently out for review.

8. **Aquatic Effects Monitoring Plan (Part L Item 10)
For Board Approval
NWB Processing**

This document is currently undergoing the final stages of review.