

PART D: CONDITIONS APPLYING TO CONSTRUCTION

16. The Licensee shall, at least sixty (60) days prior to the construction of the C1 Diversion, submit to the Board for approval the final detailed design plan stamped by a Geotechnical Engineer and/or Engineering Geologist. This report shall be developed in accordance with Schedule D, Item 16.

Document Dated August 30 2005; Received by NWB August 30, 2005

Schedule D - Conditions Applying to Contingency Planning

16. The detailed design report for the construction of the Stream C1 diversion and associated dam structure referred to in Part D, Item 16 of the Licence, shall include but not necessarily be limited to the following

b. Design criteria and parameters;

As per the DFO requirements listed on Page 3 there are DFO provisions listed indicating the need for 940 m² of fish habitat and a 470 m long diversion. Now the 470 m provision can be inferred through the listed chainage but there has been no indication that the 940 m² fish habitat has been met. Could the proponent please list the approximate quantity of fish habitat anticipated with this design?

As per the DFO requirements on Page 4 there are DFO provisions listed indicating the need for at least 10 meanders with a 6m radius and 10 riffles incorporated into the channel design. There has been an indication that a 6 m radius is to be used (Page 11) but no mention of the number of meanders incorporated. The reviewer can infer the number of meanders and riffles but could the proponent please state the number anticipated through the proposed design?

General Comments and Errata

In Section 3.3 Diversion Channel Reach B on Page 5 it lists a chainage of 0+227 as the start of Reach B yet the chainage listed within the rest of the report and design drawings states 0+277. **(ERRATA)**

In Section 3.5 (Page 6) there is reference to Photograph 14. There is no such photograph included in the report. **(ERRATA)**

Could the proponent please provide further detail to the comment "Placement of the lifts of sand and gravel fill at the base of the berms should be placed and compacted to

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about 1 m above existing ground" stated on Page 12? How will this be accomplished (i.e. compactive effort)? What other provisions are in place with respect to the referenced comment?

RECOMMENDATION:

To pass along comments to Tahera to respond along with intervener comments.

Regulatory Timeline		
Documents Date:	August 30 2005	
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Preliminary Tech Review Completed:	October 17, 2005	Joe Murdock (Revisions Dec 1/05)
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