

**From:** Carr, Chris EM:EX  
**Sent:** April 7, 2005 3:43 PM  
**To:** Carr, Chris EM:EX  
**Subject:** Mount Polley - notes to file

Reviewed report entitled "Mount Polley Mining Corporation, Mount Polley Mine, Design of the Tailings Storage Facility to Ultimate Elevation" by Knight Piesold dated March 14, 2005. The report was submitted in support of permitting the tailings storage facility to its ultimate height.

Ultimate elevation is 965 m. Current crest elevation is 945 m.

Permit amendment will be issued for the Stage 4 raise to 948 m. Design reports, construction drawings and technical specifications will be required for each raise.

An effluent permit is required from MWLAP.

Check if scarification of frozen compacted till core surface should be specified prior to placing new lift.

Check nature and extent of glaciolacustrine deposit in GW96-1A. Material is described as firm.

Draft permit conditions:

Construction

The tailings dam shall be raised to elevation 948 m in accordance with the design and construction specifications provided by the design consultant.

Rock fill used in the construction of the downstream dam shell shall consist of non acid-generating materials.

Foundation drains, toe drains and associated water collection and recycle systems shall be extended or installed as specified by the design consultant.

Operation

The tailings impoundment shall be operated with a minimum freeboard of 1.39 m.

The tailings storage facility shall be operated in accordance with the Operation, Maintenance and Surveillance (OMS) manual.

Progressive reclamation of the downstream dam slope shall be undertaken.

Monitoring

Three additional slope inclinometers shall be installed at the Main Embankment during the Stage 4 construction.

Monitoring of piezometers, slope inclinometers and survey monuments shall be carried out in accordance with the OMS manual or as specified by the design consultant.

Reporting

An as-built report shall be submitted within six months of completion of Stage 4 construction.

An annual dam safety inspection report shall be prepared and to be submitted by July 31, 2006.

A formal dam safety review shall be completed this year (2006) and at an interval of 7 years based on the high consequence classification.