



07 September 2012

Mt. Polley Mining Corporation
Likely, BC

Attention: Luke Moger

**RE: 2012 STAGE 8A (965.0 m) TAILINGS STORAGE FACILITY EXPANSION
STABILITY ANALYSIS AND CONSTRUCTION DRAWINGS**

To accommodate the unpredictable and changing weather patterns that have been experienced in the early stages of construction period over the last two construction seasons; Mount Polley Mining Corporation (MPMC) has elected to expand the 2012 Tailings Storage Facility (TSF) to an elevation of 965.0 m. The original plan for the 2012 TSF construction was a modified centerline configuration to an elevation of 963.5 m. The additional 1.5 m will follow a true centerline configuration and will allow MPMC to begin the construction season in 2013 later in the year if the weather in May/June is not favourable for construction, while maintaining the required freeboard.

A design change at 963.5 m was implemented to accommodate future raises to an ultimate embankment elevation of 990 m. AMEC is currently analyzing and reviewing the ultimate design, and will issue a report at a later date. Thus, for the 2012 expansion to an elevation of 965.0 m, AMEC produced a new set of drawings and performed embankment stability analysis incorporating the centerline raise geometry. The centerline raise geometry of the dam is such that stability is not significantly affected by the shear strength of the upstream impounded tailings.

Sincerely

**AMEC Environment & Infrastructure
A division of AMEC Americas Limited**

Reviewed by:

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