



## Mount Polley Mining Corporation

**TO: Dan Emerson, AMEC**

**DATE: April 8, 2014**

### **Mount Polley Mine Assessment of Groundwater Monitoring Post TSF Expansion**

#### **Background**

Mount Polley Mining Corporation (MPMC) is planning to expand the foot print of the Tailings Storage Facility (TSF) commencing construction in late summer 2014. This expansion will bring the toe of the TSF close to the existing groundwater monitoring wells (see attached map).

#### **SCOPE**

MPMC needs to determine whether the existing groundwater monitoring wells around the perimeter of the TSF will continue to provide valid data once the TSF expansion commences, or if we will be required to replace some of the wells.

Based on information from the 2012/13 Hydrogeological Assessment completed by AMEC and a review of the 2013 groundwater monitoring results (for TSF wells), MPMC requires the following;

- Determination based on distance from new disturbance of continuing to existing monitor wells.
- Consideration for extending some well heights to allow for continued monitoring.
- Consideration for replacing some wells at a desirable distance from the new TSF toe.
- If new wells are required, a location and sampling plan recommendation.

MPMC will provide the 2013 groundwater monitoring data in excel spreadsheet format. MPMC will also provide other information as required.

The final deliverable will be a report signed off by a qualified professional, addressing all of these components. This report should be completed by July 31, 2014.

Please provide an estimate of cost and time required to complete this project.

Sincerely,

A handwritten signature in black ink, appearing to read 'Colleen Hughes', is written over a light blue horizontal line.

**Colleen Hughes, EP**  
**Environmental Coordinator**  
**Mount Polley Mining Corporation**  
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