

**From:** Mark Burke  
**Sent:** Thursday, March 02, 2006 1:19 PM  
**To:** Ken Brouwer  
**CC:** Les Galbraith  
**Subject:** Mount Polley seepage water conductivity

Ken,

Today I took a water sample of the seepage water located near chainage 31+50 on the Perimeter Embankment at Mount Polley. The water was high in suspended solids and smelled like tailings water. Ron Martel tested the water for conductivity and concluded that the seepage is tailings water. Ron says that the conductivity is proportional to the sulfate concentration. He compared the conductivity of the seepage sample to a sample of clean snow. The snow showed a conductivity of 5.6 while the seepage showed a conductivity of 700.

Regards,  
Mark Burke