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**From:** Dufault, Daryl A  
**Sent:** Tuesday, June 05, 2012 4:15 PM  
**To:** Luke Moger  
**Subject:** RE: Impoundment Stability

Luke,

so in consideration of straightening up the core alignment in 2013 onwards and some future SI/additional instrumentation work we haven't identified any fatal flaws in raising the impoundment up to el. 990m (acknowledging 990m isn't likely the exact elevation).

When do you anticipate a finalized water balance? We should be certain of our crest targets as we move this along. In reviewing your dam crest targets in the worksheet you sent it occurred to us that you were a little skimpy on the raise planning (I am not sure it was your final planning tool or a working file for discussion). When predicting your future raises it is recommended that you target the required elevation sufficient for the end of or middle of the following construction season (i.e. for the 2012 construction season you should be targeting the dam height (operation + freeboard) say in August of 2013...that buys you a little time if you get a late start and/or it is a particularly wet start to the year (kinda like this year has started off) – pre-building dam gives you a little breathing room. Being able to discharge or transfer excess water often helps alleviate the freeboard concerns too...I am unsure if that is a contingency plan for you this year if the weather continues to be unfavourable and your freeboard continues to dwindle...

Regards,  
Daryl

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**From:** Luke Moger [<mailto:lmoger@mountpolley.com>]  
**Sent:** June-04-12 4:48 PM  
**To:** Dufault, Daryl A  
**Subject:** RE: Impoundment Stability

Hi Daryl,

Sounds perfect, thanks for the update.

Kindest Regards,

**Luke Moger**

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Mount Polley Mining Corporation

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**From:** Dufault, Daryl A [<mailto:daryl.dufault@amec.com>]  
**Sent:** Monday, June 04, 2012 4:07 PM  
**To:** Luke Moger  
**Subject:** Impoundment Stability

Luke,

We have completed a preliminary round of stability analyses assuming a final crest of el. 990m. Todd is currently reviewing the work and will get back to me shortly with his comments (if he has any). After I see/address Todd's comments I will call you to discuss. **If** the initial analyses holds I don't see any fatal flaws – this would be in consideration of a shift to a centerline raise of the core after this year and additional investigation and instrumentation eventually being required to support the extended downstream shell (and the relocation of some infrastructure and roads etc..).

Regards,  
Daryl

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