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**Sent:** May 2, 2019 4:39 PM  
**To:** Maureen LeBourdais <[mlebourdais@cariboord.ca](mailto:mlebourdais@cariboord.ca)>  
**Cc:** Stephen Monninger <[SMonninger@Mountpolley.com](mailto:SMonninger@Mountpolley.com)>  
**Subject:** Mount Polley Permit Amendment Application

Hi Maureen,

We have tried to put together a bit of back ground information that you may want to use as speaking notes for your Board Meeting tomorrow. It is difficult to narrow the heaps and heaps of info we have down to just couple key points. But I hope this helps.

The need to discharge water from the mine site has been known since the early days of mine permitting. In fact the original Environmental Assessment identified that the mine would have a positive water balance. Despite this, the discharge issue is still one of the biggest sources of concern from various stakeholders including the PLC. The references below, and compiled in the 2016 Technical Assessment Report (TAR) , come from reports dating back to the early and mid-90's when it was determined that discharge would be necessary and inevitable. The TAR is a very large document so I have not attached it but am happy to go through it with you when you come to site. The PLC has been consulted with regard to the TAR since 2015.

Water discharge and water quality is a big issue, but as Dale mentioned to you , there are a number of other issues surrounded by misinformation floating around social media that we hope to talk to you about when you come to site for a tour.

***Mount Polley Mine Long-Term Water Management Plan; Technical Assessment Report*** (Golder, October 17, 2016)

Section 5.1: *"...the mine has a positive water balance, and, as such, discharge will be required during operations, closure, and post-closure to prevent the accumulation of water".*

Section 5.2.3: *"Closure drainage will be implemented such that mine facilities drain to their natural watersheds, including flooded open pits, once they have passively filled during post-closure and subject to meeting limits for such discharge. It is desired that during post-closure, there would be individual site discharges to the following waters:*

- *Bootjack Lake*
- *Polley Lake*
- *Hazeltine Creek*
- *Edney Creek"*

Section 5.3: *"An options analysis was completed to evaluate the most appropriate discharge location for the operations phase.....*

- *Option 1: pipeline to Quesnel Lake"*

***Mine Reclamation and Closure Plan Update January, 2017*** (MPMC, January 15, 2017)

Section 2.4.3.1: *"The Mine Site has a positive water balance, and the annual surplus of water has increased over the life of the project as the Mine Site footprint has expanded, necessitating the collection of surface runoff from a larger area".*

*Section 5.2.4: “During the remainder of operations, MPMC will continue to develop and refine the closure water management plan. The objective for closure, consistent with original considerations in the Environmental Assessment, and preferences expressed by local communities and First Nations, is to implement passive water treatment technologies, where possible, with discharge being distributed to local watersheds (e.g., Bootjack Lake, Polley Lake/Hazeltine and Edney Creeks). A conceptual LTWMP for closure was included in the TAR (Golder 2016b), and this plan has since been refined”.*

Sincerely,

**Colleen Hughes**

Environmental Supervisor

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