

## Hynes, Michelle MEM:EX

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**From:** Warnock, George MEM:EX  
**Sent:** Wednesday, January 28, 2015 1:52 PM  
**To:** Dechert Chris HVC  
**Cc:** Narynski, Heather M MEM:EX; Howe, Diane J MEM:EX; Hoffman, Al MEM:EX; Farhangi, Siavash  
**Subject:** RE: Chief Inspectors Response to Orders Issued on August 18, 2014

Hello Chris,

Thank you for acknowledging receipt of the Chief Inspector's letter. For the sake of clarity...the Chief Inspector does not require either document listed in your letter (the DSI and DBI) to be re-submitted this year. The items listed were only to be included in your next update to these documents. In instances where essential information has been omitted (in the opinion of the Ministry and reviewers working on our behalf), the Ministry is asking mining companies to update certain documents by June 30, 2015, but that does not apply in this instance.

Thank you for the clarifications and report references that you have provided below. The Ministry does not require the submission of any additional information at this time. We will follow-up with you in the Fall to obtain a status update with respect to the items outlined in your commitment letter of November 28, 2014.

Regards,

*George Warnock, P.Eng.  
Manager, Geotechnical Engineering  
Ministry of Energy and Mines  
(250) 565-4457*

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**From:** Dechert Chris HVC [<mailto:Chris.Dechert@teck.com>]  
**Sent:** Wednesday, January 28, 2015 12:48 PM  
**To:** Hoffman, Al MEM:EX  
**Cc:** Narynski, Heather M MEM:EX; Warnock, George MEM:EX; Howe, Diane J MEM:EX  
**Subject:** Chief Inspectors Response to Orders Issued on August 18, 2014

Good Afternoon Mr. Hoffman

I am confirming that the "Chief Inspectors response to Orders Issued on August 18, 2014" was received on January 27th, 2015.

The additional requirements outlined in the "*Review of Submission in Response to Chief Inspector's Order Issued on August 18, 2014*" have been reviewed by Highland Valley Copper (HVC). In response, we provide the following clarification of the relevant sections of the report addressing the required information. References to specific report sections are provided for our active facility, the Highland TSF, and our other dormant facilities have a similar report structure where the relevant information is addressed.

### Dam Safety Inspection (DSI) Study:

- For consistency with MEM's Dam Safety Inspection Guidelines and good engineering practice, the next DSI submission shall include:
  - o Freeboard and storage (Provided in Highland TSF DSI Report, Section 3.5 & 3.6)
  - o Water balance review (Provided in Highland TSF DSI Report, Section 8)

- o *Water discharge system, volumes and quality* (**HVC operates as a zero discharge facility, as described in section 3.5.1 of the Highland TSF DSI report**)
- o *Seepage occurrence and water quality* (**Provided in Highland TSF DSI Report, Section 10**)

**Dam Break Inundation (DBI) Study:**

- *For consistency with CDA Guidelines and good engineering practice, the next update to the DBI shall include:*
  - o *Sensitivity analyses on breach analyses parameters (CDA Technical Bulletin; Inundation, Consequences, and Classification for Dam Safety, Section 2.1)* (**LL Dam Breach and Inundation study Report, Section 5.5**)

I expect that this was just an oversight but if not please let me know what the expectation is in regards to this item to be addressed.

Chris

Chris Dechert  
General Manager  
Teck Highland Valley Copper