



NWB Tools

Ida Porter &lt;ida.porter@nwb-oen.ca&gt;

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## Fw: Hope Bay Phase 2 Water Licence

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**Karén Kharatyan** <karen.kharatyan@nwb-oen.ca>

Fri, May 18, 2018 at 4:31 PM

To: Teresa Meadows &lt;tmeadows@meadowslaw.ca&gt;, Stephanie Autut &lt;stephanie.autut@nwb-oen.ca&gt;

Cc: Licensing Department &lt;licensing@nwb-oen.ca&gt;

This is what NRCan provides at this stage.

Sent from my BlackBerry 10 smartphone on the Bell network.

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**From:** Unger, Peter (NRCAN/RNCAN) <peter.unger@canada.ca>**Sent:** Friday, May 18, 2018 2:50 PM**To:** Karén Kharatyan; derek.donald@nwb-oen.ca**Subject:** Hope Bay Phase 2 Water Licence

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Hi Karén, Hi Derek,

I apologize for the lateness of my email and for how little it will contribute. I have canvassed our experts. Given that the information provided for the water licence is no different from that provided with the FEIS and TMAC's response to the written submissions, at least with respect to NRCan's areas of expertise (groundwater and permafrost), they don't have much else to offer and don't have any regulatory suggestions beyond what was already provided in our written submission. Our groundwater expert indicated that the groundwater management plan should be updated to include measures to account for the possibility of saline mine inflows beyond those predicted and TMAC appears to have done this. The only additional suggestion was that the proponent could be asked to consider the potential impacts of discharging saline groundwater to the Boston contact water ponds (and ultimately to Aimaokatalok Lake) at the rates identified in the MIMPs. However, I confess that neither I, nor our expert, is entirely sure if this is within the Water Board's authority or what mechanism could be used to make this request.

I am sorry that I am not providing any additional insights. I did not have the opportunity to listen in on the technical session earlier this week. However, if there were any additional issues that came up or any specific questions related to hydrogeology or permafrost, I would be happy to ask our experts to consider them.

Thank you and have a great weekend,

Peter Unger

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