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## NWB 2018 Annual Report followup for Water Licence No. 8BW-PIM1821

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Mon, Oct 28, 2019 at 5:16 PM

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Hi Simon

Thanks for organizing the conference call this morning. To follow up, I will outline the points discussed for the written record.

1. Turbidity/TSS Monitoring: Monitoring the turbidity of runoff from construction activities and converting to TSS values, according to the TSS:Turbidity relationship outlined on page 7 of the CCME Guidelines for Total Particulate Matter, will satisfy Licence condition Part E, Item 6.

**Reference: Canadian Council of Ministers of the Environment. 2002. Canadian water quality guidelines for the protection of aquatic life: Total particulate matter. In: Canadian environmental quality guidelines, 1999, Canadian Council of Ministers of the Environment, Winnipeg.**

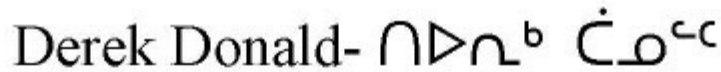
Monitoring of runoff discharges to a natural water course is required when this runoff is "impacted by construction activities", including hauling of quarry materials on the road and/or repairs to the road. Monitoring would not be required when construction is not occurring on site, but of course the site must be left in stable condition.

For Part I, Item 4, "...water quality testing immediately upstream and downstream of the water crossings..." refers to TSS/Turbidity, Oil and Grease, and pH; only "prior to construction, weekly during the construction and upon completion" of the water crossings, and/or if there are any other in-water works.

2. Photographic record: for the photographic record please include three photos of each water crossing, one before, one during, and one after the culvert was installed. If only post installation photos are available, that is fine. Simply to show that it was generally installed correctly and is functioning as planned.

This should cover it.

Regards,  
Derek



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