
Re: 303 - QEC Iqaluit Fuel Tank - NWB Water Testing Requirements

Derek Donald <derek.donald@nwb-oen.ca>

Fri, Jul 12, 2019 at 2:28 PM

To: jacob_saunders@inukshukconstruction.ca

Cc: Marc Losier <marc@mosher.ca>, Francis Losier <francis@mosher.ca>, Shawn Saunders <shawn@mosher.ca>, Karén Kharatyan <karen.kharatyan@nwb-oen.ca>, Richard Dwyer <richard.dwyer@nwb-oen.ca>

Hi Jacob

It was good talking with you. To confirm, yes your understanding is generally correct. Being that it was a new tank being tested, and therefore having no specific threat of contaminant, no specific discharge criteria were included in the Licence. I have attached a different licence that does provide discharge criteria, however they were doing hydrostatic testing on "used tanks that had been cleaned," so hydrocarbon criteria were included. However, this is a good guide to follow, particularly for pH, TSS and Oil and Grease.

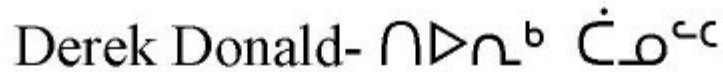
Note the following conditions of your Licence 1BH-IBF1920, that are to be used as a guide for discharge:

PART J:

5. Prior to withdrawal of Water for each tank-filling event, Water from every source shall be assessed for conductivity, pH, oil and grease, total suspended solids (TSS), dissolved oxygen, total phosphorus and nitrogen.
6. Prior to the discharge of Hydrostatic Test Water into the ponds Pond 1 and Pond 2 and snowmelt water withdrawal area, the Hydrostatic Test Water shall be assessed for conductivity, pH, oil and grease, total suspended solids (TSS), dissolved oxygen, total phosphorus and nitrogen.
8. The Licensee shall implement measures, as required, to mitigate significant negative impacts to the pond ecology due to water quality differences between the Hydrostatic Test Water and Pond 1 or Pond 2, should they be identified in Part J, Item 5.

So this is a general statement that requires the Licensee to make sure the **before/after difference in water quality do not pose any threats to "pond ecology,"** but for reasons stated above does not provide specific discharge criteria. If anything jumps out at you feel free to give me a call to discuss.

Regards,
Derek



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