

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@nwboen.ca>, Richard Dwyer <richard.dwyer@nwboen.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 thanks 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 <u>before/after difference in water quality do not pose any threats to "pond ecology,"</u> 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



Derek Donald- ∩D∩b Cocc

Piluagnagtuliginigmun Ikayugti

NUNAVUT WATER BOARD - OFFICE DES EAUX DU NUNAVUT DQ♥ ΔLCQ> b∩L>°C-NUNAVUT IMALIRIYIN KATIMAYINGI

www.nwb-oen.ca

P.O. Box 119 Gjoa Haven, NU X0B 1J0 C.P. 119 Gjoa Haven, NU X0B 1J0 MASSE ASL >9/9/95,009€ XOB 1JO

Titigaqaqvia 119 Ughiiqtiiiq, NU, X0B 1J0

Tel / Téléphone / y?/s]b / Hivayauta: (867) 360-6338 | Fax / Télécopieur / hvJ4f5 / Fax-kut: (867) 360-6369 Toll Free / Sans / <\P5b\PC\P5b / Akiittug: 1-855-521-3745

WARNING - This communication, including any attachments contains confidential information intended only for the addressee(s) noted above. Any unauthorized distribution, copying, or disclosure is strictly prohibited. If you have received this by mistake, please notify the sender immediately and delete this message without printing or copying it. Thank you.

AVIS DE CONFIDENTIALITÉ - Ce message, et toute(s) pièce(s) jointe(s) est confidentiel et est à l'usage exclusif du(es) destinataire(s) ci-dessus. Toute autre personne est par la présente avisée qu'il lui est strictement interdit de le diffuser, le distribuer ou le reproduire. Si le destinataire ne peut être joint ou vous est inconnu, veuillez informer l'expéditeur par courrier électronique immédiatement et détruire ce message et toute copie de celui-ci. Merci pour votre collaboration.



After the penser a l'environnement avant d'imprimer ce courriel / Thank you for thinking of the environment before printing this email

On Fri, Jul 12, 2019 at 1:40 PM < jacob saunders@inukshukconstruction.ca > wrote:

Hi Derek,

Just to confirm what we discussed on the phone. The reason we weren't given a table of allowable levels of "contaminants" in the water we are using for hydrostatic testing is that this is a new tank, not a used tank, and therefore it is unlikely to present any potential contaminants. Our responsibility in reviewing the test results is simply to look for any glaring differences in levels of contaminants between the source water and the test water (sampled from the tank). You are going to provide an example table from another water license that will serve as a guide for us to compare the test results to.

Please confirm as soon as you can, and provide the example for our review.

Cheers,

Jacob Saunders

Project Manager

Inukshuk Construction Ltd.

Office: (902) 429-0272

Cell: (902) 277-1103



150921 1BH-SAN1516 New Licence-OSAE.pdf 326K