From: Sean Joseph
To: Barb.Thomson@nasittuq.com
Cc: "Phyllis Beaulieu"
Subject: RE: 3BC-FOH0919, request to treat contaminated water on-site
Date: Monday, July 29, 2013 10:24:59 AM
Attachments: image001.png

Good morning, Barb,

Licence 3BC-FOH0919 does allow for the Department of National Defence (DND) to discharge effluent from the Bermed Fuel Storage Facility, associated with the FOX-M Long Range Radar Station and Logistics Support Site Project, at final discharge point FOH-3 and in accordance with discharge criteria under Part D, Item 10 of the Licence.

Given that the substance involved in the spill as stated in the email below is fuel, the Nunavut Water Board (NWB) considers it acceptable for the Licensee to treat the effluent onsite to meet discharge criteria under Part D, Item 10 in Licence 3BC-FOH0919 prior to discharge. However, it is advisable that the discharge point for the treated effluent be the same as that for the Bermed Fuel Storage Facility. Further, Part D, Item 12 of the Licence must be adhered to prior to discharging any treated effluent associated with the spill. Information confirming relevant sampling results should be kept on file for submission together with the next annual report for the project or upon request by the Inspector or NWB.

Should you have any further questions, please do contact me your earliest convenience.

Regards,
Sean

Sean Joseph- ᓴᓐ ᔪᓴᓐ
Technical Advisor- Conseiller technique
ᐱᓗᐊᖅᓇᖅᑐᓕᕆᓂᖅᒧᑦ ᐃᑲᔪᖅᑎ- Piluaqnaqtuliginiqmun Ikayuqti

NUNAVUT WATER BOARD - OFFICE DES EAUX DU NUNAVUT
ᓄᓇᕗᑦ ᐃᒪᓕᕆᔨᑦ ᑲᑎᒪᔨᖏᑦ - NUNAVUT IMALIRIYIN KATIMAYINGI
www.NunavutWaterBoard.org

P.O. Box 119
Gjoa Haven, NU, X0B 1J0

C.P. 119
Gjoa Haven (Nunavut), X0B 1J0

ᑎᑎᕋᖕᒪᖔ 119
ᐅᑦᓱᕐᒍᕐ, ᓄᓇᕗᑦ X0B 1J0

Titigaqaqvia 119
Uqhuqtuuq, NU, X0B 1J0

Tel / Téléphone / ᓯᕗᔭᐅᑖ / Hivayauta: (867) 360-6338 | Fax / Télécopieur / ᓱᑲᔪᑦᑯᑦ / Fax-kut: (867) 360-6369

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.

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

---

From: Phyllis Beaulieu [mailto:licensing@nunavutwaterboard.org]
Sent: July-29-13 9:01 AM
To: 'Thomson, Barb'
Cc: NWB Sean Joseph
Subject: RE: 3BC-FOH0919, request to treat contaminated water on-site

Good morning Barb, your query has been forwarded to tech advisor, Sean Joseph for a response.
Regards,

From: Thomson, Barb [mailto:Barb.Thomson@nasittuq.com]
Sent: Monday, July 29, 2013 7:29 AM
To: Phyllis Beaulieu (licensing@nunavutwaterboard.org)
Cc: Kim Kalen; Wyman, Will
Subject: 3BC-FOH0919, request to treat contaminated water on-site

Hello Phyllis,

There was a fuel spill at the North Warning System radar site FOX-M (Hall Beach, Nunavut) on 21 Jun 2013. The spill was reported as required by the site's water license 3BC-FOH-0919. The spill site and ongoing cleanup/remediation were observed by Andrew Keim, AANDC, as part of his regular site inspection on Saturday, 27 Jul2013.

As part of the spill clean-up and remediation, water contaminated with fuel is being collected. The contaminated water is groundwater from interceptor trenches and water skimmed from the surface of a pond. Biogenie is on-site and can set up a Water Treatment System (WTS) to treat the contaminated water.

Will the Nunavut Water Board allow the on-site treatment of the contaminated water? The treated water would be stored, sampled, and pass the criteria set in water license 3BC-FOH-0919, Part D, Item 10 (effluent quality limits for bermed fuel storage facility) before it would be discharged. Biogenie has extensive arctic remediation experience which includes operating a WTS and meeting water license criteria.

Thanks,
Barb

Barb Thomson, EP, OCT
Supervisor, Environmental Services
Nasittuq Corp., 400 - 160 Elgin St., Ottawa, ON, K2P 2P7
Tel 613-787-3867, Fax 613-787-3888
barb.thomson@nasittuq.com

The information transmitted is intended only for the addressee and may contain proprietary and/or privileged material. Any unauthorized review, distribution or other use of, or the taking of any action in reliance upon this information is prohibited. If you received this in error, please contact the sender and delete or destroy this message and any copies.