



Qikiqtarjuaq Licence update

Derek Donald <derek.donald@nwb-oen.ca>
To: "Roy, Bhabesh" <broy@gov.nu.ca>
Cc: Richard Dwyer <richard.dwyer@nwb-oen.ca>

Mon, Jun 24, 2019 at 1:26 PM

Hi Bhabesh

I have reviewed your application for the Qikiqtarjuaq Licence renewal and have a number of items to address and/or comment on prior to send it out for public review.

1. Cover letter:

- mentions Arctic Bay. Please update to Qikiqtarjuaq.

2. Summary

- Spelling of Broughton Island
- Is this a straight forward renewal including water volume? Or are you requesting a greater volume than previous licence of 37,500 cubic metres?
- We do not have the 2016 or 2018 annual reports? Can these be submitted with all information available?

3. Licence Application:

- Missing a signature. We are unable to process the application without a signature.
- Block 5: Map. A updated map of the town-site highlighting all water use and waste disposal facilities would be very useful. This can be included in updated management plans or as a stand alone "site/municipal layout."
- Block 15: waste disposal table outlining types of waste and disposal methods is left blank. Please fill this in to the best of your ability as a summary table of waste disposal activities.
- Please clarify the volume of water requested? Will 50,000 be sufficient to 2029, or will 60,000 be more appropriate?

4. Compliance Plan:

- The QA/QC plan needs a Letter from an accredited Lab accepting the plan, as per condition H-13.
- Spill Plan need updated contact numbers, including NU Spill Line (867-920-8130) and CIRNAC Manager of field operations (867-975-4295).
- Water use: what is the plan/schedule for installing a water/flow meter right at the river source to accurately record water use? In addition, I would also recommend having some means of measuring river flow as well so it is possible to determine the relative amount of water being taken from the Tulugak River.
- Waste disposal: what is the plan/schedule for developing a methods from recording waste quantities?
- What is the schedule of development of new facilities, i.e. new landfill, landfarm, etc.?
- Is the sewage lagoon expansion (second cell) in operation? If so, please provide a brief history/outline of this activity.
- When will the signs at the monitoring sites be erected?
- 2018 Inspection Report outlines some deficiencies that need to be addressed, please comment on:
 - Condition D-1: the report states the a berm is built up in the river with boulders to heighten water level, and this activity is to be included in the Licence renewal application;
 - emergency decanting procedures are to be included in the sewage O&M;
 - Condition D-6 requires a "sludge management plan." This can be included in an updated sewage facility O&M.
 - Condition D-7 requires a "wetland treatment area assessment report."

5. General need for update to Management Plans:

- What is your capacity to update the O&M Manual for the solid waste facility, water uptake facility, sewage facility, and other plans as applicable? Currently we have one from 2010 that covers all facilities, however, it could use updated information.
- Can you provide an update on the monitoring stations identified in the Table under Part H, Item 1 of the Licence. Are the groundwater monitoring wells active?

Please let me know if you have any questions or would like to talk on the phone. With all of the municipal Licence renewals coming up in the next year I think this is a good opportunity to standardize these Licences and develop templates for their various management plans. I think what was done for Kimmirut was very optimal and can be followed. I am working to try and standardize these Licences, related management plans, and discharge criteria. At some point it would definitely be worth a discussion.

Thanks,
Derek



Derek Donald- ᐅᓄᓐᓂ ᐅᓄᓐᓂ

Technical Advisor - Conseiller technique ᐱᓄᓐᓂ ᐅᓄᓐᓂ ᐅᓄᓐᓂ
Pituaqnaqtuliginimun Ikavuti

NUNAVUT WATER BOARD - OFFICE DES EAUX DU NUNAVUT
ᐅᓄᓐᓂ ᐱᓄᓐᓂ ᐅᓄᓐᓂ - NUNAVUT IMALIRIYIN KATIMAYINGI

www.nwb-oen.ca

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

C.P. 119
Gjoa Haven, NU X0B 1J0

ᐅᓄᓐᓂ ᐅᓄᓐᓂ ᐅᓄᓐᓂ
ᐅᓄᓐᓂ ᐅᓄᓐᓂ, ᐅᓄᓐᓂ X0B 1J0

Titigaqavua 119
Uqhuqhuq, NU, X0B 1J0

Tel / Téléphone / y?/s]b / Hivayauta: (867) 360-6338 | Fax / Télécopieur / hvJ4f5 / Fax-kut: (867) 360-6369
Toll Free / Sans / ᐱᓄᓐᓂ ᐅᓄᓐᓂ ᐅᓄᓐᓂ / Akiittuq: 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.

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