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## 3AM-RUT Application follow up

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Sergey Kuflevskiy <sergey.kuflevskiy@nwb-oen.ca>  
To: Richard Dwyer <richard.dwyer@nwb-oen.ca>

Mon, Mar 2, 2020 at 2:37 PM

Hi,

Please save this correspondence to the 3AM-RUT application folder.

Regards,  
Sergey

----- Forwarded message -----

From: **Sergey Kuflevskiy** <sergey.kuflevskiy@nwb-oen.ca>  
Date: Mon, Feb 10, 2020 at 12:30 PM  
Subject: Re: 3AM-RUT Application follow up  
To: Roy, Bhabesh <BRoy@gov.nu.ca>  
Cc: Richard Dwyer <richard.dwyer@nwb-oen.ca>

Hi Bhabesh,

The NWB office is closing now due to extreme cold, so we will have to reschedule our phone call.

In the mean time, here are my comments to your responses:

- #1. Resolved
- #2. Resolved
- #3. Resolved - Hydrology study, dated August 25, 2014, still applies.
- #4. Resolved - Memorandum prepared by exp. and dated November 23, 2017 still applies.
- #5. Resolved - the Proponent commits to submit the modified O&M Plan once the construction of the Pump station and WTP are completed in 2021.
- #6. Conceptual drawings for the WWTP are required for the facility to be included into the Type "A" Water Licence.
- #7. In Letter dated March 21, 2014 the Proponent committed to provide the new SCP by 2016 (see commitment #3 in the attached letter) . No SCP has been submitted to date.
- #8. In Letter dated March 21, 2014 the Proponent committed to provide the new QA/QC Plan by 2016 (see commitment #3 in the attached letter). No QA/QC Plan has been submitted to date.
- #9. The response states: *"The blue building... might be demolished, ... [which] will be decided during the design phase of the Plant"*. When is this going to be decided? Isn't there a Plant design already (considering that it should be built this year)?
- #10. CIRNAC requested to develop the Plans to address the issues noted in the Inspector's report. The NWB can send the Application Package for review, considering that the sewage is currently diluted prior to entering the sea, and that these issues will be resolved when the WWTP is built. However, it will be up to CIRNAC to decide whether your commitment is sufficient to address the Inspector's request.

Let's try to discuss this tomorrow. You can reach me at (867)360-6338, extension 29.

Kind regards,  
Sergey

On Mon, Feb 10, 2020 at 6:58 AM Roy, Bhabesh <BRoy@gov.nu.ca> wrote:

Hi Sergey

Please see my responses to discuss this morning.

Thanks

Bhabesh

**Subject:** Re: 3AM-RUT Application follow up

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Hi Bhabesh,

Just wanted to follow up on the "Type A" Application you submitted for 3BM-RUT1520 and request some clarifications.

1. The construction timelines provided in the Executive Summary contradict with those provided in the Compliance Table and the 2019 Annual Report. It states that the Pump Station and WTP construction will be completed in 2020 and the WWTP will be commissioned in 2024, as opposed to 2021 (PS/WTP) and 2022 (WWTP) referenced in the Compliance Table and Annual Report. This needs to be fixed to eliminate confusion of the interveners.

Ans. The construction of the Pump station at Char Lake and WTP at Signal Hill is expected to be completed in 2021. Whereas the construction of the new WWTP is anticipated to be completed in 2022.

2. As per the Compliance Table, the water volumes are recorded through the flow meter, but the Annual Report shows the "On Tap Water Delivery System" volumes. Do the reported volumes include the bleed water or this is just the water trucked to the houses? if yes, what is the total volume pumped out?

Ans. The Extraction volume is the total volume extracted from the Char Lake for Utilidor System and this includes bleed water.

3. As per the Compliance Table the hydrology study required under **Part C, Item 4** was previously submitted to the Bord. I cannot locate it within your previous submissions. Could you please resubmit?

Ans. This report was submitted 5 yrs. ago along with the renewal application.

4. Same goes for the site specific Coliform Study required under **Part D, Item 4**. I cannot locate any Study that determines the "*fecal coliform limit for Sewage Disposal Facility Effluent that maintains the quality of the receiving waters within reasonable and acceptable limits*". There is a letter provided by exp. on June 17, 2014, but this is hardly a Study and it was prior to the 2015 Licence issuance. Could you please resubmit this Study as your Compliance Table states '*in compliance*' for that item?

Ans.: This was an independent study done by exp services Inc. and submitted to water Board.

5. O&M Plans for Water Supply Facility and Utilidor required under **Part F** seem to be missing/ incomplete. The document "O&M-WATER SEWER RESOLUTE BAY" provided within the Application Package does not have any text or as-builts included, just a compilation of technical documentation on all sorts of buttons and pipes. Could you please provide a functional plan that an operator can follow?

Ans. The Utilidor system consists of a Buried water line and Sewer line which were replaced. Once the construction of the Pump station and WTP are completed, the project will be considered complete and detailed as-built drawings and modified O&M will be available in 2021.

6. The Board understand that the O&M Plan for the WWTP will be ready in 2022. However, the Application Package will be "stronger" if some conceptual drawings were provided for this facility at this stage. Additionally, it would be beneficial to provide a brief description of the anticipated WWTP construction to the NIRB, so that we are all on the same page.

Ans. The system will be operated following the existing O&M manuals until the construction is entirely complete and the new O&M along with the as-built drawings are ready.

7. Spill Contingency Plan required under **Part F, Item 1d** has not been provided to the Board to date. The Compliance Table shows "in compliance" and states that some template was submitted earlier. Could you please resubmit?

Ans. The Spill contingency Plan was submitted along with the renewal application of the existing Water Licence. Nothing is changed since then. The new SCP will be made available once the new WWTP is built and commissioned. However, since the new WWTP is considered under this licence, a revised plan for 2020 will be made available.

8. QA/QC Plan required under **Part H, Item 9** is also missing, even though you indicated "in compliance". You are stating that the QA/QC Plan prepared by the Caduceon Environmental Laboratories in Ottawa is being followed, however, the Board has no record of receiving this Plan to date.

Ans. The QA/QC plan was submitted to NWB 5 yrs. ago. Nothing is changed since then. A New plan will be developed once the construction of the new WWTP is complete.

9. There is no Abandonment and Restoration Plan required under **Part F** on file either. This should be provided to the Board within the Application Package, so that the interveners do not ask for this submission during the review. For example, the "Blue Building" is no longer in use and will have to be demolished - this needs to be addressed in the plan.

Ans. The blue building was built in 1970s and still there. This is not considered as the part of the water supply system because this building is not connected to the Utilidor system any more.

This is being used for different purposes. This building might be demolished and built a new one in place to accommodate the new WWTP. This will be decided during the design phase of the Plant.

10. As per CIRNAC inspector's report the following plans should be developed and submitted to the Board:

- Plan to address the breach of subsection 4(1) of the *Arctic Waters Pollution Prevention Act*, and
- Plan to address the breach of subsection 5 of the *Arctic Waters Pollution Prevention Regulation*.

Ans. Currently sewer line is bled and diluted sewage is running into the sea without any further treatment. Once the New WWTP is built, all sewage produced in the community will be treated there prior to disposal. The new plant is anticipated to be commissioned in 2021.

Could you please submit these documents as part of the application package?

Ans. Will be discuss

Additionally, I would like to note that a "Type A" Application Package should include all required/ referenced documents within the package itself to make it easier for the interveners to go over the documents during the review. When the documents are scattered all over the directory, it make it nearly impossible for the public to review such application.

Thank you for your time and consideration.

Let me know if you have any questions.

Kind regards,



**Sergey Kuflevskiy- ᐱᓐᓂᓐ ᐱᓐᓂᓐ**

Technical Advisor - Conseiller technique ᐱᓐᓂᓐ ᐱᓐᓂᓐ  
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**NUNAVUT WATER BOARD - OFFICE DES EAUX DU NUNAVUT**  
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**KATIMAYINGI**

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

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

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ᐱᓐᓂᓐ ᐱᓐᓂᓐ X0B 1J0

Titigaqavua 119  
Uqhuqtuq, NU, X0B 1J0

Tel / Téléphone / ᐱᓐᓂᓐ / Hivayauta: (867) 360-6338 | Fax / Télécopieur / ᐱᓐᓂᓐ / Fax-kut: (867) 360-6369  
Toll Free / Sans / ᐱᓐᓂᓐ / Akiittuq: 1-855-521-3745

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