

## 821094 - Iqaluit Water License 3AM-IQA1626 - Deployment of GN MWTP Notification

**Assol Kubeisinova** <assol.kubeisinova@nwb-oen.ca>

Sun, Oct 31, 2021 at 1:01 PM

To: "Collins, Sarah" <SCollins@gov.nu.ca>

Cc: "Deronja, Josip" <Josip.Deronja@colliersprojectleaders.com>, Amy Elgersma <a.elgersma@iqaluit.ca>, Shane Turner <S.Turner@iqaluit.ca>, Cameron McDonald <C.McDonald@iqaluit.ca>, "Clow, Paul" <PClow@gov.nu.ca>, "Currie, Paul" <PCurrie@gov.nu.ca>, Licensing Department <licensing@nwb-oen.ca>, Teresa Meadows <tmeadows@meadowslaw.ca>

Good afternoon:

Thank you. Sarah's email from today will suffice; no need to update the memo. However, could you please provide an updated P&ID that reflects the setup (with a storage tank for backwash collection and chemical injection upstream of the strainers removed).

We will also wait for the details on the road construction as discussed.

Best regards,



Assol Kubeisinova- ᐱᕙᓴᔭ ᑯᐸᐃᒋᑐᑦ

Technical Advisor - Conseiller technique ᐱᓂᐸᑦᐱᑦᑐᕋᐱᑦᐳᑦ ᐃᔭᑦᐱ.

## Pihuaqnaqtuliginigmun Ikayuqti

NUNAVUT WATER BOARD - OFFICE DES EAUX DU NUNAVUT

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

On Sun, Oct 31, 2021 at 8:12 AM Collins, Sarah <[SCollins@gov.nu.ca](mailto:SCollins@gov.nu.ca)> wrote:

Good morning,

As described in the memo regarding operations, there are no chemicals added prior to the strainers or for the backwash in this application. I can ask the consultant to explain better in the memo the purpose for the chemical injection points that are shown upstream of the strainers - they are optional, to be used when this water treatment plant is deployed on seawater to treat the water prior to our RO treatment system. For this freshwater source, the only chemical addition is chlorine, downstream of filtration. There will not be any coagulant used at all in this application.

The way we could avoid discharge of the raw water back into the lake would be to connect a heated storage tank, which would then require pump out by sewage truck and discharge at the WWTP. I will request a schematic from the consultant, if this is required.

Thanks.

Sarah Collins

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**From:** Assol Kubeisinova <[assol.kubeisinova@nwb-oen.ca](mailto:assol.kubeisinova@nwb-oen.ca)>

**Sent:** Saturday, October 30, 2021, 4:02 p.m.

**To:** Deronja, Josip; Collins, Sarah

**Cc:** Amy Elgersma; Shane Turner; Cameron McDonald; Clow, Paul; Currie, Paul; Licensing Department; Teresa Meadows

**Subject:** Re: 821094 - Iqaluit Water License 3AM-IQA1626 - Deployment of GN MWTP Notification

1. The GN is working to mobilize the MWTP to the site as quickly as possible to alleviate the reliance on bottled water within the City of Iqaluit for access to safe, potable drinking water. Based on current estimates, this facility is anticipated to be commissioned between November 3-5<sup>th</sup>.

2. The road is being constructed in order to facilitate water delivery trucks travelling to the Mobile Water Treatment Plant safely. Significant concern was expressed regarding the configuration of the existing road and the safety of both the drivers as well as the raw water transmission pipeline. The extension of the road between the two existing sections of roads will improve safety and protect the raw water transmission line that supplies the City's water system. The road is not anticipated to disrupt any flow paths. I will request further details from the contractor, to be provided when received.
3. The backwash volume of up to 6 m3/day for 24 hours of operation (For this application the mobile water treatment plant is only anticipated to operator for approximately 10 hours/day, depending on delivery schedule, which would be closer to 2.5 m3). This is raw water used to spray the strainers, which may accumulate debris directly from the lake. This is raw lake water and some small amounts of sediment also directly from the lake. This type of backwash is of the same composition as the lake and is minimal volume.
4. I will ask for stamped drawings. These do appear to be the correct P&ID, with the incorrect title block.

Let me know if there are further questions. I will share additional information as received.

Thanks,

Sarah

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**From:** Deronja, Josip <Josip.Deronja@colliersprojectleaders.com>

**Sent:** October 29, 2021 7:15 PM

**To:** Collins, Sarah <SCollins@GOV.NU.CA>

**Cc:** Clow, Paul <PClow@GOV.NU.CA>; Currie, Paul <PCurrie@GOV.NU.CA>; 'Amy Elgersma' <a.elgersma@iqaluit.ca>; 'Cameron McDonald' <C.McDonald@iqaluit.ca>; 'Shane Turner' <S.Turner@iqaluit.ca>

**Subject:** FW: 821094 - Iqaluit Water License 3AM-IQA1626 - Deployment of GN MWTP Notification

**Importance:** High

**CAUTION:** This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good evening Sarah:

Please see response from NWB regarding the information you had provided for the GN's MWTP project. Would you be able to review and provide comments?

Thanks,

**Josip Deronja P.Eng.**

Senior Project Manager

Colliers Project Leaders

Mobile 613.710.0498

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**From:** Assol Kubeisinova <assol.kubeisinova@nwb-oen.ca>

**Sent:** Friday, October 29, 2021 6:02 PM

**To:** Deronja, Josip <Josip.Deronja@colliersprojectleaders.com>

**Cc:** Licensing Department <licensing@nwb-oen.ca>; Amy Elgersma <a.elgersma@iqaluit.ca>; Shane Turner <S.Turner@iqaluit.ca>; Cameron McDonald <C.McDonald@iqaluit.ca>; Rak-Banville, Justin <Justin.Rak.Banville@wsp.com>; Mearns, Jamesie <JMearns@gov.nu.ca>; Clow, Paul <PClow@gov.nu.ca>; Seeley, Kyle <KSeeley@gov.nu.ca>; SCOTT.PURCELL@forces.gc.ca; Dewar, Spencer (AADNC/AANDC) <spencer.dewar@canada.ca>; Allain, Erik (AADNC/AANDC) <erik.allain@canada.ca>; Currie, Paul <PCurrie@gov.nu.ca>

**Subject:** Re: 821094 - Iqaluit Water License 3AM-IQA1626 - Deployment of GN MWTP Notification

If you have any questions please let me know.

Regards,

**Josip Deronja P.Eng.**

Senior Project Manager

Colliers Project Leaders

Mobile 613.710.0498

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**From:** Deronja, Josip

**Sent:** Friday, October 29, 2021 8:56 AM

**To:** Assol Kubeisinova <[assol.kubeisinova@nwb-oen.ca](mailto:assol.kubeisinova@nwb-oen.ca)>

**Cc:** Licensing Department <[licensing@nwb-oen.ca](mailto:licensing@nwb-oen.ca)>; Amy Elgersma <[a.elgersma@iqaluit.ca](mailto:a.elgersma@iqaluit.ca)>; Shane Turner <[S.Turner@iqaluit.ca](mailto:S.Turner@iqaluit.ca)>; Cameron McDonald <[C.McDonald@iqaluit.ca](mailto:C.McDonald@iqaluit.ca)>; Rak-Banville, Justin <[Justin.Rak.Banville@wsp.com](mailto:Justin.Rak.Banville@wsp.com)>; Mearns, Jamesie <[JMearns@gov.nu.ca](mailto:JMearns@gov.nu.ca)>; Clow, Paul <[PClow@gov.nu.ca](mailto:PClow@gov.nu.ca)>; Seeley, Kyle <[KSeeley@gov.nu.ca](mailto:KSeeley@gov.nu.ca)>; SCOTT.PURCELL@forces.gc.ca; kgillard@nirb.ca

**Subject:** RE: 821094 - Iqaluit Water License 3AM-IQA1626 - Deployment of ROWPU Notification

**Importance:** High

Good morning Assol:

As discussed yesterday evening, the City will proceed with these activities as a Modification as per Part G Item 1 of the Licence.

As further discussed, given the emergency declaration by the Minister of Community and Government Services (CGS) on October 13, 2021, the City is seeking to expedite the review of this modification request under Section 152 (1) of the Nunavut Planning and Project Assessment Act (NuPA) – I understand this would bypass the NPC conformity determination and NIRB's screening decision. Although the initial emergency declaration has expired, I understand that the Minister of CGS had extended the emergency declaration on October 28<sup>th</sup> until November 9<sup>th</sup>. See [link](#) to official press release.

Please confirm at your earliest convenience whether the City's request for modification may be processed under the conditions noted above.

If you have any further questions please let me know.

Kind regards,

**Josip Deronja P.Eng.**

Senior Project Manager

Colliers Project Leaders

Mobile 613.710.0498

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**From:** Assol Kubeisinova <[assol.kubeisinova@nwb-oen.ca](mailto:assol.kubeisinova@nwb-oen.ca)>

**Sent:** Thursday, October 28, 2021 5:15 PM

**To:** Deronja, Josip <[Josip.Deronja@colliersprojectleaders.com](mailto:Josip.Deronja@colliersprojectleaders.com)>

**Cc:** Licensing Department <[licensing@nwb-oen.ca](mailto:licensing@nwb-oen.ca)>; Amy Elgersma <[a.elgersma@iqaluit.ca](mailto:a.elgersma@iqaluit.ca)>; Shane Turner <[S.Turner@iqaluit.ca](mailto:S.Turner@iqaluit.ca)>; Cameron McDonald <[C.McDonald@iqaluit.ca](mailto:C.McDonald@iqaluit.ca)>; Rak-Banville, Justin <[Justin.Rak.Banville@wsp.com](mailto:Justin.Rak.Banville@wsp.com)>; Mearns, Jamesie <[JMearns@gov.nu.ca](mailto:JMearns@gov.nu.ca)>; Clow, Paul <[PClow@gov.nu.ca](mailto:PClow@gov.nu.ca)>; Seeley, Kyle <[KSeeley@gov.nu.ca](mailto:KSeeley@gov.nu.ca)>; SCOTT.PURCELL@forces.gc.ca

**Subject:** Re: 821094 - Iqaluit Water License 3AM-IQA1626 - Deployment of ROWPU Notification



Please note, the City will be issuing a separate notification related to the planned deployment of a GN mobile water treatment plant (MWTP); however, the City is still awaiting further information from the GN regarding the project. Note, the deployment of the GN MWTP is also in response to the on-going water quality emergency.

Please confirm receipt of this email, along with supporting documentation, at your earliest convenience.

Should you have any questions please do not hesitate to contact me.

Kind regards,

**Josip Deronja** P.Eng.

Senior Project Manager

**COLLIERS PROJECT LEADERS**

Mobile 613.710.0498

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