



NWB Tools

Richard Dwyer &lt;richard.dwyer@nwb-oen.ca&gt;

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## Application for amendment 2BE-PBP2025 - PTR

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Richard Dwyer &lt;richard.dwyer@nwb-oen.ca&gt;

Wed, Feb 16, 2022 at 1:16 PM

Draft To: Assol Kubeisinova &lt;assol.kubeisinova@nwb-oen.ca&gt;

From: **Denise Lockett** <lokettda@telus.net>  
Date: Wed, Feb 16, 2022 at 6:14 AM  
Subject: Re: Application for amendment 2BE-PBP2025 - PTR  
To: Assol Kubeisinova <assol.kubeisinova@nwb-oen.ca>

Hello Assol,

In response to your request for clarification, please note the following:

Our preference would be not to disturb the natural surface of the tundra unless it is necessary. Defining “sump” as being “a low space that collects often undesirable liquids such as water or chemicals”, if at all possible our plan would be to release the water into a natural depression that would allow the water to seep into the ground, and that would limit surface runoff of the waste water. As alluded to in our previous email, if a natural sump of sufficient size is not available, we would construct a dam to fill this role.

I have been informed that other exploration/mining projects in Nunavut, some of which are much larger than our proposed camp, use grey water disposal methods like this.

Kind regards,

Denise A Lockett

lokettda@telus.net  
604-340-4756

On Mon, Feb 14, 2022 at 7:43 AM Assol Kubeisinova <assol.kubeisinova@nwb-oen.ca> wrote:

Hello Denise,

Thanks for providing the response.

Just to make sure we have all the information requested in the original email, could you please indicate whether depositing greywater in a sump is not feasible at the new camp location?

Best regards,  
Assol



Assol Kubeisinova - ᐱᕐᕐᕐ ᐃᐱᐃᕐᐅᕐ - she\her\elle

Technical Advisor- Conseiller technique

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On Sat, Feb 12, 2022 at 12:42 PM Denise Lockett <[lockettda@telus.net](mailto:lockettda@telus.net)> wrote:

Hello Assol:

Thanks for the questions and the opportunity to respond to them.

- The lake we get the water from is called Fish Lake by the locals. I don't know if this is a formally designated name or not.
- To the best of my knowledge, the shallow lake to the SW of the proposed camp site doesn't have a name.
- On the attached map, the lake labeled "shallow lake" is the lake towards which grey water will be directed..
- Though we haven't done any survey of this lake, it appears far too shallow to contain fish.
- We don't have any data on what other aquatic life may be in this lake.
- The shallow lake is approximately 960m x 560m.
- While we plan to direct this waste water away from Fish Lake (the camp water source), and towards the shallow lake, it is our intention that the effluent will not affect the water quality in either lake. The proposed camp site is on a raised esker made up of coarse sand and gravel. The plan is to release the grey water onto the tundra and allow it to seep into the sand and gravel where it will be naturally purified before making its way to any water body. If necessary, we will construct a dam to ensure that the water will seep into the sand and gravel rather than flow overland.
- We will carry out periodic water sampling to ensure that the water quality in Fish Lake and the shallow lake is not being affected.

Please let me know if you need any other information.

Kind regards

Denise A Lockett

lockettda@telus.net

604-340-4756

On Mon, Feb 7, 2022 at 8:07 AM Assol Kubeisinova <[assol.kubeisinova@nwb-oen.ca](mailto:assol.kubeisinova@nwb-oen.ca)> wrote:

Hello Denise.

Thank-you for submitting an amendment application to Water Licence No: 2BE-PBP2025. In the course of the preliminary technical review of the application, we've identified several points requiring clarification:

1. Does the newly proposed water source have a name?
2. The application states: "Grey water from shower and kitchen use will be allowed to seep through the abundant moss, sand and gravel towards the small lake approximately 150m to the southwest of the kitchen."
  - o what is the name of the lake 150m southwest of the kitchen?
  - o could you please identify it on the map?

- is the lake fish-bearing?
- is there any other aquatic life in the lake?
- how big is the lake?
- is depositing greywater in a sump not feasible?
- does the applicant commit to conducting sampling and ensuring that the greywater effluent quality is going to be compliant with the *CCME Water Quality Guidelines for the Protection of Aquatic Life*?

Best regards,



Assol Kubeisinova - ᐱᕐᕐᕐ ᐃᐱᐃᕐᐃᕐ - she\her\elle

Technical Advisor- Conseiller technique

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