



NWB Tools

Richard Dwyer <richard.dwyer@nwb-oen.ca>

NORDGOLD (Northquest Ltd.) Pistol Bay Project water licence amendment 2BE-PBP2025

Denise Lockett <lockettda@telus.net>

Mon, Apr 25, 2022 at 12:35 PM

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

Cc: Richard Dwyer <richard.dwyer@nwb-oen.ca>, Smith David <david.smith@nordgold.com>, Licensing Department <licensing@nwb-oen.ca>

thank you for the quick reply,

Denise A Lockett

lokettda@telus.net
604-340-4756

On Mon, Apr 25, 2022 at 11:31 AM Assol Kubeisinova <assol.kubeisinova@nwb-oen.ca> wrote:

Thanks for the clarification, Denise. Part J comes into effect if greywater is discharged overland rather than into a sump or a natural depression.



Assol Kubeisinova - ᐱᕐᕐᕐ ᐃᐱᐃᕐᐃᕐ - she\her\elle

Technical Advisor- Conseiller technique

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NUNAVUT WATER BOARD - OFFICE DES EAUX DU NUNAVUT
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www.nwb-oen.ca

P.O. Box 119

Gjøa Haven, NU, X0B 1J0

C.P. 119

Gjoa Haven (Nunavut), X0B 1J0

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Titigachquia 119

Ughurstan, NU, X013 110

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

Toll Free / Sans / ᐱᓕᓴᑦᐸᓄᓂᓗᐅᓂᓗ / Akiittuq: 1-855-521-3745

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On Mon, Apr 25, 2022 at 12:22 PM Denise Lockett <lockettda@telus.net> wrote:

Thanks Assol

In Part D of Nordgold's amended Water Licence, attached, and in the Conditions applying to Waste Water, Nordgold stated, "

"In the Application, Northquest stated: "Grey water [sic] 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." In response to the NWB's request for clarification, the Applicant noted: 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.⁵ After further inquiries from the NWB, Northquest supplied 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.⁶ Therefore, to ensure protection of freshwater, the Board included quality limits for greywater Effluent discharge in this Part of the Licence."

"Conditions Applying to the Monitoring Program The Licensee shall ensure Effluent quality corresponds to the limits set by the Board in Part D, Item 8 of the Licence.

"PART D: CONDITIONS APPLYING TO WASTE DISPOSAL Amend Item 8 to Read: The Licensee shall contain all greywater in a Sump located at a distance of at least thirty one (31) metres above the ordinary High Water Mark of any water body, at a site where direct flow into a water body is not possible and no additional impacts are created. In the event that a direct flow of greywater into a water body occurs, all discharged Effluent at its Final Discharge Point shall meet the following effluent quality standards: Parameter Maximum Concentration of any Grab Faecal Coliforms 1 x 10⁴ CFU/dl BOD5 40 mg/L Total Suspended Solids 60 mg/L Oil and grease No visible sheen PH Between 6 and 9

part J says, PART J: CONDITIONS APPLYING TO THE MONITORING PROGRAM Insert Item 8: The Licensee shall maintain Monitoring Program Station(s) at the following locations: Monitoring Program Station Number Description Frequency Status PBP-1 Greywater Effluent at Final Discharge Point Prior to discharge Active (Quality) as per Part D, Item 8"

I am writing to ask for clarification. Does Part J (monitoring program) come into effect only if there is an event of a direct flow of greywater into a water body ?

*Kind regards
Denise A Lockett*

lokettda@telus.net
604-340-4756

On Thu, Apr 14, 2022 at 10:36 AM Denise Lockett <lokettda@telus.net> wrote:

Hello Richard:

Dave Smith and I have reviewed the license as well as the terms and conditions and would like to ask for some clarification please.

Part D references direct release of grey water to the lake, which we won't be doing because the greywater discharge is about 150m from the lake. So in Part J, do we need to meet the discharge levels of pollutants even though we aren't discharging into the lake?

Kind regards

Denise A Lockett, for
Nordgold (Northquest Ltd.)

lokettda@telus.net
604-340-4756

On Thu, Mar 31, 2022 at 8:32 AM Richard Dwyer <richard.dwyer@nwb-oen.ca> wrote:

Good morning,

Please find attached water licence amendment 2BE-PBP2025.

Regards,

Richard

