



NWB Tools

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

Back River Project Primary Pond – Goose Site Design Report and Drawings for water licence 2AM-BRP1830

John Roesch <JRoesch@lands.kitja.ca>
To: Richard Dwyer <richard.dwyer@nwb-oen.ca>

Thu, Dec 8, 2022 at 2:39 PM

KIA's geotechnical engineer has provided these comments on Sabina's responses to comments on the Back River Project Primary Pond – Goose Site Design Report and Drawings

KIA-NWB-1: Sabina provided Memorandum "Back River –Water Management Infrastructure Design; Primary Pond – Slope Stability Analysis", dated November 29, 2022

The document indicates that the stability criteria are met.

KIA-NWB-2: Sabina provided Technical Memorandum "Primary Pond Dam – Thermal Modeling Overview:", dated November 29, 2022

The document indicates that thermal design criteria are met.

The thermal design report provides guidance on how to reduce uncertainty related to water seepage, which could include the installation of thermosyphons within the key trench. This option is repeated in Sabina's response to KIA-NWB-2, but the original design does not show any thermosyphons nor that measures would be included that would later allow to install thermosyphon evaporator pipes in the future.

KIA-NWB-3: Sabina provided additional climate information as part of the document "Back River: Updated Feasibility Study – Hydrology Update", dated July 16, 2021.

It's worth noting that Section 5.2 of this report indicates that: "*Hydrologic variables presented herein are appropriate for Feasibility-level designs and costing, but should be reviewed and validated with additional site data in advance of Detailed Engineering.*" With the Primary Pond dam report being a detailed design report, an update to the climate assessment may be required.

KIA-NWB-4: OK, technical specifications will be updated.

KIA-NWB-5: OK, drawings and technical specifications will be updated.

KIA-NWB-6: OK, technical specifications will be updated.

KIA-NWB-7: OK, design drawings will be updated.

KIA-NWB-8: OK, technical specifications will be updated.

KIA-NWB-9: OK, technical specifications will be updated.

KIA-NWB-10: OK, technical specifications will be updated.

KIA-NWB-10: OK, technical specifications will be updated.

KIA-NWB-11: OK, technical specifications will be updated.

KIA-NWB-12: OK

KIA-NWB-13: OK

KIA-NWB-14: OK

KIA-NWB-15: OK

KIA-NWB-16: OK

John Roesch, P.Eng.

Senior Hope Bay Project Officer

Kitikmeot Inuit Association Dept. of Lands

PO BOX 360

Kugluktuk, NU

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JRoesch@lands.kitia.ca

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

Sent: December 6, 2022 8:38 AM

To: John Roesch <JRoesch@lands.kitia.ca>; Keim, Andrew <andrew.keim@rcaanc-cirnac.gc.ca>

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

Subject: Re: Back River Project Primary Pond – Goose Site Design Report and Drawings for water licence 2AM-BRP1830

Good morning,

The Nunavut Water Board requests reply by **December 13, 2022** whether or not the attached response addresses parties comments. Due to its size it cannot be attached, it can be found at the link below:

<ftp://ftp.nwb-oen.ca/registry/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-BRP1831%20Sabina/3%20TECH/D%20CONST%26OPER>

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<https://filezilla-project.org/>

Regards,

Richard



Richard Dwyer - ㄹㄱㄱㄱ ㄷㄹㄱㄱ - he\him\his

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On Fri, Nov 25, 2022 at 8:32 AM Richard Dwyer <richard.dwyer@nwb-oen.ca> wrote:

Good morning,

The licensee provided the wrong response package and will send an updated response soon.

Regards,

Richard



Richard Dwyer - ʀɪˈdʒɪd ˈdwɪə - he\him\his

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On Wed, Nov 23, 2022 at 10:09 AM Richard Dwyer <richard.dwyer@nwb-oen.ca> wrote:

Good morning,

The Nunavut Water Board requests reply by **November 30, 2022** whether or not the attached response addresses parties' comments.

Regards,

Richard



Richard Dwyer - ʀɪˈtʃɪd ˈdwaɪə - he\him\his

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On Wed, Nov 23, 2022 at 9:50 AM Richard Dwyer <richard.dwyer@nwb-oen.ca> wrote:

Good morning,

The Nunavut Water Board requests reply by **November 30, 2022** whether or not the attached response addresses parties comments.

Regards,

Richard



Richard Dwyer - ᓇᓂᓐᓂᓐ ᑎᓄᓐᓂᓐ - he\him\his

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On Fri, Sep 23, 2022 at 10:41 AM Richard Dwyer <richard.dwyer@nwb-oen.ca> wrote:

Good morning,

The Nunavut Water Board acknowledges receipt September 23, 2022 of Primary Pond – Goose Site Design Report and Drawings, attached, for water licence 2AM-BRP1830, it can also be found at:

<ftp://ftp.nwb-oen.ca/registry/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-BRP1831%20Sabina/3%20TECH/D%20CONST%26OPER>

Interested parties are invited to submit comments by **October 24, 2022**.

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Regards,

Richard



Richard Dwyer - ㄣㄘㄣㄘ ㄣㄘㄘㄘ - he\him\his

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