

## Bijaya Adhikari

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**From:** Kamran Ata <Kamran\_Ata@gov.nt.ca>  
**Sent:** February 19, 2021 2:01 PM  
**To:** Mardy Semmler  
**Cc:** Lloyd Gruben; Bijaya Adhikari  
**Subject:** RE: WL N5L1-1843 - GNWT INF Gunghi Creek - Notification of Modification

Good afternoon Mardy,

Your email is acknowledged and thank you.

Best Regards!

### **Kamran Ata, P.Eng.**

Structural Standards Engineer, Structures - Bridges  
Transportation - Infrastructure  
Government of the Northwest Territories

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**From:** Mardy Semmler [mailto:semmlerm@inuvwb.ca]  
**Sent:** Friday, February 19, 2021 1:56 PM  
**To:** Kamran Ata  
**Cc:** Lloyd Gruben; Bijaya Adhikari  
**Subject:** WL N5L1-1843 - GNWT INF Gunghi Creek - Notification of Modification

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Good afternoon Kamran

The Inuvialuit Water Board (IWB) acknowledges receipt of the email Notice of Modification including design plans submitted by Wood Environment & Infrastructure Solutions (below) on behalf of the GNWT INF to add thermosyphons in the creek bed. The IWB reviewed the documents and accepts the Notice of Modification as submitted subject to the terms and conditions of Water Licence N5L1-1843 including:

- Part E: Conditions Applying to Construction, Item 4 - The Licensee shall ensure that there is no obstruction of water flow in the watercourse as a result of engineered structures being placed in, or about, a watercourse.
- Part E: Conditions Applying to Construction, Item 5 - The Licensee shall implement best practices for erosion control during construction and maintenance work to the satisfaction of the inspector.

- Part E: Conditions Applying to Construction, Item 6 - For the excavation, backfill and the removal of debris activities, the Licensee shall control siltation or sedimentation downstream of the work area and minimize further erosion to the extent possible, utilizing appropriate measures to the satisfaction of the inspector.
- Part E: Conditions Applying to Construction, Item 7 - Exposure of permafrost layers shall be minimized to the extent possible and capped following construction activities in order to reduce the potential for future permafrost melt.
- Part I: Conditions Applying to Closure and Reclamation, Item 2 - Upon completion of all activities, the Licensee shall ensure that all materials, equipment, temporary structures and debris are removed from the site. Other final restoration activities as may be outlined in the Project Description shall be implemented to the satisfaction of the inspector.

The submitted documents, including all related IWB correspondence, will be placed on the IWB Public Register.

Thank you

Mardy

*Mardy Semmler*  
*Executive Director*  
*Inuvialuit Water Board*  
*P.O. Box 2531, Inuvik, NT X0E 0T0*  
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**From:** Parker, Jessica <[jessica.parker@woodplc.com](mailto:jessica.parker@woodplc.com)>

**Sent:** February 17, 2021 5:00 PM

**To:** Bijaya Adhikari <[adhikarib@inuvwb.ca](mailto:adhikarib@inuvwb.ca)>; Mardy Semmler <[semmlerm@inuvwb.ca](mailto:semmlerm@inuvwb.ca)>

**Cc:** Abbas, Riaz <[riaz.abbas@woodplc.com](mailto:riaz.abbas@woodplc.com)>; Dean Smith (Arctic Allens) <[dsmith@arcticallens.ca](mailto:dsmith@arcticallens.ca)>; Kalashnikoff, Paul <[paul.kalashnikoff@woodplc.com](mailto:paul.kalashnikoff@woodplc.com)>

**Subject:** Water Licence N5L1-1843 - Gunghi Creek Watercourse Crossing Replacement Notification of Modification

Good Afternoon Bijaya and Mardy,

In accordance with condition 1 (a) of Part G of the Water Licence N5L1-1843 the licensee must notify the Board and the inspector in writing of proposed modifications to the planned project at least five (5) days prior to beginning the modifications. On behalf of the Government of the Northwest Territories (GNWT) please accept this email correspondence for notification of the inclusion/addition of Thermosyphon installation. The GNWT has confirmed a CO to include them effective February 12<sup>th</sup>, 2021. The Contractor executed the CO and returned it to the GNWT the same day, however they have not yet received a signed copy in return. It is the Contractors intention to install thermosyphons, however the impact on the site is not expected to be different than is required for the drilling and installation of the pilings and arch structure itself. Please find attached design plans signed and stamped by an engineer.

It is understood as-built plans and drawings of the thermosyphons signed and stamped by an engineer referred to in the Water License are to be provided to the Board within ninety (90) days of the completion of the thermosyphons.

If you have any questions or require additional information, please contact the undersigned.

Regards,  
Jessica

**Jessica Parker, P.Biol., CPESC**

*Environmental Biologist / Erosion and Sediment Control Specialist*

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