

Jessica Pacunayen

From: Matthew Miller <MMiller@ntpc.com>
Sent: July 15, 2021 8:35 AM
To: Brandon Bradbury; David-Scott McQuinn; Ian Ziemann; Clint Ambrose
Cc: Anneli Jokela; Jessica Pacunayen
Subject: RE: Notification of Commencement of Work Under Snare Land Use Permits and Bridge Abutment Work at Snare
Attachments: Left Abutment .jpg; US bin wall filled.jpg; Filling right side.jpg

Update from site below:

The washed out areas on the camp side were filled in today with rock from the Cascades stockpile. Overall, 10 loads of rockfill were taken from the Cascades pit with about 8 placed in the bin walls and 2 stockpiled along the road. Plan to inspect daily and top up if necessary.

Let me know if there is any other info I can provide

Cheers,

Matt

From: Matthew Miller
Sent: Tuesday, July 13, 2021 11:57 AM
To: Brandon Bradbury <Brandon_Bradbury@gov.nt.ca>; David-Scott McQuinn <David-Scott_McQuinn@gov.nt.ca>; Ian Ziemann <Ian_Ziemann@gov.nt.ca>; Clint Ambrose <Clint_Ambrose@gov.nt.ca>
Cc: Anneli Jokela <ajokela@wlwb.ca>; Jessica Pacunayen <jpacunayen@wlwb.ca>
Subject: RE: Notification of Commencement of Work Under Snare Land Use Permits and Bridge Abutment Work at Snare

Hello Dave, Ian, Clint and Brandon,

I have included some photos of the bridge from yesterday evening. The materials on the camp side began to wash out yesterday, and have undercut some of the road surface close to the bridge, most clearly visible in Photo 1. As such the bridge has been reduced to foot traffic only while remediation work is occurring. Rock has been placed in the bin wall on the airport side of the bridge and more rock is being stockpiled along the road, rock was taken from existing stockpiles. More rock will be placed today in the airport side bin.

Please let us know if there is any other info we can provide at this time,

Cheers,

Matt

From: Brandon Bradbury <Brandon_Bradbury@gov.nt.ca>

Sent: Monday, July 12, 2021 4:56 PM

To: Matthew Miller <MMiller@ntpc.com>; David-Scott McQuinn <David-Scott_McQuinn@gov.nt.ca>; Ian Ziemann <ian_Ziemann@gov.nt.ca>; Clint Ambrose <Clint_Ambrose@gov.nt.ca>

Subject: RE: Notification of Commencement of Work Under Snare Land Use Permits and Bridge Abutment Work at Snare

Email originated outside NTPC.

Hi Matt,

Thank you for the notification to begin land use operations under W2018Q0003 and W2019Q0003. Your cooperation to adhere to operating conditions of the above noted permits is anticipated and appreciated.

Once quarrying has commenced, an email stating such would be appreciated.

Regards,

Brandon

Brandon Bradbury
Resource Management Officer II
Government of Northwest Territories
Department of Lands
North Slave Regional Office
140 Bristol Avenue, Yellowknife, NT X1A 3T2
Tel: (867)-767-9187 Ext: 24193
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Web: www.lands.gov.nt.ca

From: Matthew Miller [<mailto:MMiller@ntpc.com>]

Sent: July 12, 2021 3:30 PM

To: David-Scott McQuinn; Ian Ziemann; Clint Ambrose; Brandon Bradbury

Cc: Anneli Jokela; Jessica Pacunayen; Lloyd Courage; Jamie Tennant; Alex Love; Belinda Whitford; Eddie Smith

Subject: Notification of Commencement of Work Under Snare Land Use Permits and Bridge Abutment Work at Snare

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Hello Dave, Ian, Clint and Brandon,

I wanted to follow up on phone calls with Dave and Brandon today and provide formal notification for start of work under Type A Land Use Permits W2018Q0003 (Snare Falls Quarry) and W2019Q0003 (Strutt Lake Gravel Pits and Snare Forks Till Pits).

The left abutment for the bridge for the Snare site road has lost some of the fill from washout due to high flows through the 5B spillway. Crews on site are going to use material from stockpiled gravel at KM 28, stockpiled rock at Forks Quarry and potentially material from the Snare Falls borrow locations and/or Snare Forks Till pits as required. As required in the permits NTPC will provide amounts for usage under the permit.

Site Supervisor for the work under the land use permits is:

Lloyd Courage

courageprojects@shaw.ca

403-875-5583

Please include me on any emails as Lloyd will be in and out of service while on site.

Three photos of the bridge abutment and design drawings for the bridge are attached for reference. Flow through the 5B spillway is currently ~150 m³/s and logs were last removed on June 24 and July 1, 2021. Current elevations for the 5B spillway are below:

| 5B Weir #1 | 5B Weir #2 | 5B Weir #3 | 5B Weir #4 | 5B Weir #5 | 5B Weir #6 | 5B Weir #7 | 5B Weir #8 |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 721 | 721 | 714.6 | 721 | 721 | 721 | 721 | 721 |

Please let me know if there is any other information we can provide at this time.

Cheers,

Matt

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Snare Bridge July 13 1



Snare Bridge July 13 2



Snare Bridge July 13 3



Snare Bridge July 13 4



Left Abutment



US bin wall filled



Filling Right Side

