

Beaupre, Darren GCPE:EX

From: Phelps, Brendan GCPE:EX
Sent: Tuesday, October 9, 2018 12:25 PM
To: Robb, Katie GCPE:EX; Haslam, David GCPE:EX
Cc: Smith, Paula GCPE:EX; Maxwell, Scott D TRAN:EX; Davenport, Hali N TRAN:EX; Karemaker, Kent GCPE:EX; Beaupre, Darren GCPE:EX; Bowness, Lianne GCPE:EX
Subject: RE: Old Fort messaging
Attachments: IN Old Fort Road Landslide.docx

Thanks for the call just now Hali.

I removed that point about the wildfires and updated the point about the traffic control/air monitoring.

From: Phelps, Brendan GCPE:EX
Sent: Tuesday, October 9, 2018 12:02 PM
To: Robb, Katie GCPE:EX; Haslam, David GCPE:EX
Cc: Smith, Paula GCPE:EX; Maxwell, Scott D TRAN:EX; Davenport, Hali N TRAN:EX; Karemaker, Kent GCPE:EX; Beaupre, Darren GCPE:EX; Bowness, Lianne GCPE:EX
Subject: RE: Old Fort messaging

Not sure what else we can say at this point.

If you note any inaccuracies in the IN or have any suggested edits, please let me know.

Thanks,
Brendan

From: Robb, Katie GCPE:EX
Sent: Tuesday, October 9, 2018 11:36 AM
To: Haslam, David GCPE:EX
Cc: Phelps, Brendan GCPE:EX; Smith, Paula GCPE:EX; Maxwell, Scott D TRAN:EX; Davenport, Hali N TRAN:EX; Karemaker, Kent GCPE:EX; Beaupre, Darren GCPE:EX; Bowness, Lianne GCPE:EX
Subject: Re: Old Fort messaging

There must be a way to acknowledge that that works for all. From what I understand that is in fact the case.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
M: [250.920.8371](tel:250.920.8371)

On Oct 9, 2018, at 11:33 AM, Haslam, David GCPE:EX <David.Haslam@gov.bc.ca> wrote:

s.13

From: Phelps, Brendan GCPE:EX
Sent: Tuesday, October 9, 2018 11:30 AM
To: Smith, Paula GCPE:EX; Maxwell, Scott D TRAN:EX; Davenport, Hali N TRAN:EX; Karemaker, Kent GCPE:EX; Beaupre, Darren GCPE:EX; Haslam, David GCPE:EX

Cc: Robb, Katie GCPE:EX; Bowness, Lianne GCPE:EX
Subject: RE: Old Fort messaging

Thanks a lot Paula.

For the MOTI IN, just wondering if it's worthwhile to mention the history of slides in the area – I thought I remember someone saying that the west slide area is an old slide that has reactivated.

It might help calm media speculation regarding Site C and the gravel pit – does anyone have thoughts on that/suggested messaging? Maybe something along the lines of:

- **While the cause of this landslide is still not known, s.13**
- **An investigation into the cause is underway, and more updates will be provided as they become available.**

Brendan Phelps | Public Affairs Officer
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Office: 250 387-8619 | Mobile: 250 888-3402 | E: brendan.phelps@gov.bc.ca

From: Smith, Paula GCPE:EX
Sent: Tuesday, October 9, 2018 11:23 AM
To: Phelps, Brendan GCPE:EX; Maxwell, Scott D TRAN:EX; Davenport, Hali N TRAN:EX; Karemaker, Kent GCPE:EX; Beaupre, Darren GCPE:EX; Haslam, David GCPE:EX
Cc: Robb, Katie GCPE:EX; Bowness, Lianne GCPE:EX
Subject: RE: Old Fort messaging

I'm just updating our IN based on the phone call – I'll have it to you asap.

Paula Smith | Public Affairs Officer
Ministry of Energy, Mines and Petroleum Resources
Government Communications and Public Engagement
c. 250-880-6549 d. 778 974-4676

From: Platts, Robin GCPE:EX
Sent: Tuesday, October 9, 2018 10:14 AM
To: Phelps, Brendan GCPE:EX; Maxwell, Scott D TRAN:EX; Davenport, Hali N TRAN:EX; Karemaker, Kent GCPE:EX; Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX
Cc: Robb, Katie GCPE:EX; Bowness, Lianne GCPE:EX
Subject: RE: Old Fort messaging

Hi,

Looping Paula Smith back in here. s.22
s.22

From: Phelps, Brendan GCPE:EX
Sent: Tuesday, October 9, 2018 10:12 AM
To: Maxwell, Scott D TRAN:EX; Davenport, Hali N TRAN:EX; Platts, Robin GCPE:EX; Karemaker, Kent

GCPE:EX; Beaupre, Darren GCPE:EX
Cc: Robb, Katie GCPE:EX; Bowness, Lianne GCPE:EX
Subject: Old Fort messaging

Hi all,

We're trying to update our Old Fort IN.

Scott/Hali:

- Any further details about what MOTI is doing, other than 24-hour monitoring and exploring alternate road access options?
- Any messaging regarding the long-term plan for residents – how long will they be evacuated/get ESS, how do they get ESS, etc.?
- Any messaging regarding the cause of the slide or the fact s.13 s.13

EMPR:

- Can we provide any more details about the gravel pit, other than Deasn has been approved to remove the stockpile?
- Do we know if the gravel pit was the cause of the landslide, or can we confirm otherwise?

Thanks very much,
Brendan

Brendan Phelps | Public Affairs Officer
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Office: 250 387-8619 | Mobile: 250 888-3402 | E: brendan.phelps@gov.bc.ca

ADVICE TO MINISTER

CONFIDENTIAL ISSUES NOTE	Old Fort Road Landslide (near Fort St. John)
Ministry: Transportation and Infrastructure	
Date: October 9, 2018	
Minister Responsible: Claire Trevena	

ADVICE AND RECOMMENDED RESPONSE:

s.13

If asked, where did the landslide take place?

- The slide took place approximately 1 kilometre west of the Old Fort community, just south of Fort St. John.

If asked, what is the impact to the local community?

- There is now an evacuation order in effect for all residents in the area – an Emergency Social Services Reception Centre has been activated in Fort St. John at the Pomeroy Sports Centre.
- Old Fort Road has been damaged, and the road to the community is closed until the slide stops moving and the site is safe for crews to start repairs.
- The Peace River Regional District is providing frequent updates:
Website – <https://prrd.bc.ca/>
Facebook – <https://www.facebook.com/OfficialPRRD/>
- There are three impacted areas – the main original slide, the west slide, and the east area (totalling more than 6 million cubic metres).

If asked, what is the ministry doing to address this issue?

- We are working around the clock to find a solution – 24-hour traffic control and slide monitoring is in place.
- Ministry staff are working closely with the Peace River Regional District geotechnical professionals, and we are exploring possible options for road access to the community.
- We will continue to provide updates as more information becomes available.

s.13

BACKGROUND REGARDING THE ISSUE:

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately 1 kilometre west of the Old Fort community, which is just south of Fort St John.

A preliminary field and air assessment has been completed, and landslide specialists are on route. The slide continues to move and it could be several days before it stops. 24-hour traffic control and slide monitoring is in place.

The Old Fort Road has been damaged and the road to the community is closed until the site can be determined to be safe to allow crews to enter to start the repairs.

The Ministry is working with the Peace River Regional District (PRRD) to find suitable access options for the residents in the meantime.

There is now an evacuation order in effect for all residents in the area – an Emergency Social Services Reception Centre has been activated in Fort St. John at the Pomeroy Sports Centre.

Communications Contact:
Program Contact:

Brendan Phelps
Hali Davenport

250-387-8619
250-787-3310

ADVICE TO MINISTER

Minister's Office	Program Area	ADM	Comm. Dir
	HD		

Beaupre, Darren GCPE:EX

From: Amann-Blake, Nathaniel EMPR:EX
Sent: Tuesday, October 9, 2018 3:08 PM
To: Chace, Julie EMPR:EX; Haslam, David GCPE:EX; Robb, Peter L. EMPR:EX
Cc: Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX
Subject: RE: Old Fort messaging

Ok with me, copying Peter to confirm

From: Chace, Julie EMPR:EX
Sent: Tuesday, October 9, 2018 2:57 PM
To: Haslam, David GCPE:EX; Amann-Blake, Nathaniel EMPR:EX
Cc: Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX
Subject: RE: Old Fort messaging

I just spoke with Heather Cullen and she and I both agree that Adrian Pooley has been doing an impeccable job to date, has a clear understanding of what is happening in the area, as well as a strong understanding of what is within his scope to comment on from a communications perspective. I would support him attending if that is OK with you Nate.

From: Haslam, David GCPE:EX
Sent: Tuesday, October 9, 2018 2:41 PM
To: Amann-Blake, Nathaniel EMPR:EX; Chace, Julie EMPR:EX
Cc: Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX
Subject: FW: Old Fort messaging

Nat/Julie – just learned Minister Mike Farnworth is going to visit the EOC tomorrow 10 am to 11 am. His com director asked if it's possible to have an EMPR staff on hand to brief him. What are your thoughts?

From: Haslam, David GCPE:EX
Sent: Tuesday, October 9, 2018 2:34 PM
To: Robins, Shawn GCPE:EX
Cc: Robb, Katie GCPE:EX; 'Sauer, Darwin'; Greg Alexis (Greg.Alexis@bchydro.com); Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX
Subject: Old Fort messaging

Shawn – as discussed attached is MoTI IN on Old Fort to support MMF tour of the EOC tomorrow 10 am to 11 am. BC Hydro coms is working on additional Site C landslide messaging. In addition to Katie Robb, I've included Darwin Saurer and Site C manager Greg Alexis as well so all in the loop. I'll reach out to EMPR staff to see if it's possible to provide MMF a technical briefing on at the EOC. Trust this helps - David

Beaupre, Darren GCPE:EX

From: Beaupre, Darren GCPE:EX
Sent: Tuesday, October 9, 2018 11:06 AM
To: Smith, Paula GCPE:EX
Subject: RE: Old Fort messaging

Best approach is to update our In with the best details and messaging from EMPR perspective, and highlight info we have for the two questions in the reply update. You were on the call at 10:30?

From: Smith, Paula GCPE:EX
Sent: Tuesday, October 9, 2018 10:22 AM
To: Beaupre, Darren GCPE:EX
Subject: RE: Old Fort messaging

Is this info okay to send to MOTI in response to the questions from them below?

EMPR:
s.13

Paula Smith | Public Affairs Officer
Ministry of Energy, Mines and Petroleum Resources
Government Communications and Public Engagement
c. 250-880-6549 d. 778 974-4676

From: Platts, Robin GCPE:EX
Sent: Tuesday, October 9, 2018 10:14 AM
To: Phelps, Brendan GCPE:EX; Maxwell, Scott D TRAN:EX; Davenport, Hali N TRAN:EX; Karemaker, Kent GCPE:EX; Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX
Cc: Robb, Katie GCPE:EX; Bowness, Lianne GCPE:EX
Subject: RE: Old Fort messaging

Hi,

Looping Paula Smith back in here. I was just filling in for Paula on Friday. As much as I enjoyed it, Paula has demanded to retake ownership of this file, so I will back out. 😊

From: Phelps, Brendan GCPE:EX
Sent: Tuesday, October 9, 2018 10:12 AM
To: Maxwell, Scott D TRAN:EX; Davenport, Hali N TRAN:EX; Platts, Robin GCPE:EX; Karemaker, Kent GCPE:EX; Beaupre, Darren GCPE:EX
Cc: Robb, Katie GCPE:EX; Bowness, Lianne GCPE:EX
Subject: Old Fort messaging

Hi all,

We're trying to update our Old Fort IN.

Scott/Hali:

- Any further details about what MOTI is doing, other than 24-hour monitoring and exploring alternate road access options?
- Any messaging regarding the long-term plan for residents – how long will they be evacuated/get ESS, how do they get ESS, etc.?
- Any messaging regarding the cause of the slide or the fact s.13

s.13

EMPR:

- Can we provide any more details about the gravel pit, other than Deasn has been approved to remove the stockpile?
- Do we know if the gravel pit was the cause of the landslide, or can we confirm otherwise?

Thanks very much,

Brendan

Brendan Phelps | Public Affairs Officer

Government Communications and Public Engagement

Ministry of Transportation and Infrastructure

Office: 250 387-8619 | Mobile: 250 888-3402 | E: brendan.phelps@gov.bc.ca

Beaupre, Darren GCPE:EX

From: Smith, Paula GCPE:EX
Sent: Wednesday, October 3, 2018 12:59 PM
To: Beaupre, Darren GCPE:EX
Cc: Haslam, David GCPE:EX
Subject: Re: Old Fort Road Update

IN is almost finished. I'll do the rest of this when I get back in a few minutes.
I also let Julie Chace know ^{s.15}

Sent from my iPhone

On Oct 3, 2018, at 12:53 PM, Beaupre, Darren GCPE:EX <Darren.Beaupre@gov.bc.ca> wrote:

Ok thanks for update. We will need an IN for sure. Want to outline actions we take to correct and ensure safety. Scan media and social to see if anything more is being said. Also need to understand how much of this is released online or otherwise. On way back now.

Sent from my iPhone

On Oct 3, 2018, at 12:40 PM, Smith, Paula GCPE:EX <Paula.Smith@gov.bc.ca> wrote:

s.13,s.15

Paula Smith | Public Affairs Officer
Ministry of Energy, Mines and Petroleum Resources
Government Communications and Public Engagement
c. 250-880-6549 d. 778 974-4676

From: Cullen, Heather J EMPR:EX
Sent: Wednesday, October 3, 2018 7:40 AM
To: Smith, Paula GCPE:EX
Subject: Fwd: Old Fort Road Update
Sorry, actually this is the update
s.22

Sent from my iPhone

Begin forwarded message:

From: "Pooley, Adrian EMPR:EX" <Adrian.Pooley@gov.bc.ca>
Date: October 2, 2018 at 9:05:08 PM PDT
To: "Cullen, Heather J EMPR:EX" <Heather.Cullen@gov.bc.ca>, "Meade, Laurie EMPR:EX" <Laurie.Meade@gov.bc.ca>, "Koyanagi, Victor EMPR:EX" <Victor.Koyanagi@gov.bc.ca>
Cc: "Brash, Jennifer EMPR:EX" <Jennifer.Brash@gov.bc.ca>
Subject: Old Fort Road Update

Hi,

On our visit today the slide across Old Fort Road had increased significantly from the pictures that we saw on Monday. Material is piled 5-7m high across the road and a power line crew was working to reestablish power to the community.

There did not appear to be much change on top where the gravel pit is located. It's my understanding that MOTI is using a drone to conduct a survey of the area. We are meeting with them tomorrow morning and I will ask them to pick up the gravel pit as well.

I have given Deasan Holdings the go-ahead to remove their crushing equipment along with a trailer and fuel tank under several conditions (separate email). They are having trouble finding a geotechnical engineer to work them in developing a plan for the safe removal of their stockpiled material, citing conflict of interest issues.

s.15

Adrian Pooley, P. Eng.

Inspector of Mines – Health & Safety

BC Ministry of Energy, Mines & Petroleum Resources

Phone: 250-565-6046

Cell: 250-640-6190

email: adrian.pooley@gov.bc.ca

Beaupre, Darren GCPE:EX

From: Haslam, David GCPE:EX
Sent: Sunday, October 7, 2018 5:52 PM
To: Alexis, Greg
Cc: Sanderson, Melissa EMPR:EX; Sauer, Darwin; Fish, Tanya; McEwan, Alicia; Grewar, Colin GCPE:EX
Subject: Re: Old Fort update

Thx Greg.

Sent from my iPhone

> On Oct 7, 2018, at 3:39 PM, Alexis, Greg <Greg.Alexis@bchydro.com> wrote:

>
> Melissa and David,
>
> Not sure if you have heard but but the PRRD issued an evacuation order today for Old Fort. They also contacted the Site C project team and asked for permission to use our dock to help with the evacuation. We have provided them permission for access.
>
> In terms of the project there are still no impacts and work continues at site as per usual.
>
> We also issued the following tweets a few minutes ago.
>
> Please let us know if you have any questions.
>
> Thanks,
>
> Greg

> _____
> This email and its attachments are intended solely for the personal use of the individual or entity named above. Any use of this communication by an unintended recipient is strictly prohibited. If you have received this email in error, any publication, use, reproduction, disclosure or dissemination of its contents is strictly prohibited. Please immediately delete this message and its attachments from your computer and servers. We would also appreciate if you would contact us by a collect call or return email to notify us of this error. Thank you for your cooperation.

> -BCHydroDisclaimerID5.2.8.1541

> <IMG_0656.PNG>

>

>

> Sent from my iPhone

Beaupre, Darren GCPE:EX

From: Haslam, David GCPE:EX
Sent: Wednesday, October 3, 2018 6:53 PM
To: Plummer, Glen GCPE:EX
Cc: Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX
Subject: Re: Old Fort Road Landslide and Deasan Holdings Aggregate Pit

Yes. And I'm okay with it.

Sent from my iPhone

On Oct 3, 2018, at 6:35 PM, Plummer, Glen GCPE:EX <Glen.Plummer@gov.bc.ca> wrote:

Hi all,

Please see the email chain below - looks like MOTI wishes to remain lead spokesperson on this incident.

David and Darren, has anyone from MOTI GCPE contacted you?

Thanks

Glen Plummer
Senior Public Affairs Officer
250 213-5667

Begin forwarded message:

From: "Chace, Julie EMPR:EX" <Julie.Chace@gov.bc.ca>
Date: October 3, 2018 at 4:13:59 PM PDT
To: "Plummer, Glen GCPE:EX" <Glen.Plummer@gov.bc.ca>
Subject: Fwd: Old Fort Road Landslide and Deasan Holdings Aggregate Pit

Sent from my iPhone

Begin forwarded message:

From: "Koyanagi, Victor EMPR:EX" <Victor.Koyanagi@gov.bc.ca>
Date: October 3, 2018 at 4:08:36 PM PDT
To: "Robb, Katie GCPE:EX" <Katie.Robb@gov.bc.ca>
Cc: "Maxwell, Scott D TRAN:EX" <Scott.Maxwell@gov.bc.ca>, "Pooley, Adrian EMPR:EX" <Adrian.Pooley@gov.bc.ca>, "Chace, Julie EMPR:EX" <Julie.Chace@gov.bc.ca>
Subject: Old Fort Road Landslide and Deasan Holdings Aggregate Pit

Hello Katie Robb,
I have been contacted by residents of Old Fort s.22
s.22 looking for information regarding the landslide and

Mines Act permit information for the Deasan Holdings gravel pit. Following discussions with Scott Maxwell and George Warnock it was determined that one point of contact representing MoTi and MEMPR was pertinent. Can you please let me know who the contact would be for this landslide such that I can provide this information to s.22

s.22

Regards,

Victor M. Koyanagi, P.Geo.

Senior Inspector of Mines, Permitting / Health and Safety

North Central / Northeast Mining Region

Ministry of Energy, Mines and Petroleum Resources

350-1011 4th Avenue

Prince George, BC V2L 3H9

Tel: (250) 565-4323 (direct line)

Tel: (250) 565-4240 (main office line)

Cell: (250) 612-7232

Fax: (250) 565-4328

From: Maxwell, Scott D TRAN:EX

Sent: Wednesday, October 3, 2018 12:56 PM

To: Koyanagi, Victor EMPR:EX

Cc: Warnock, George TRAN:EX

Subject: Old Fort Road

Hi Victor,

I spoke with Katie Robb, MoTI's GCPE Communication Director. She suggested that MoTI remain the spokesperson on the file given we've assumed that role already.

She was going to touch base with her counterpart at EMPR GCPE to gauge their opinion, but I would be surprised if it changed.

I imagine you'll get this request via your GCPE team, but the main thing we'll need from you will be; what are our talking points should the gravel pit come up? A few high level bullets will probably suffice.. you know the questions that are getting asked....

Thanks,

Scott Maxwell

Executive Director – Northern Region | Ministry of Transportation & Infrastructure

Phone (250) 565-6479 Email Scott.Maxwell@gov.bc.ca

Current Road Conditions: DriveBC.ca Find Us Online: TranBC.ca

Beaupre, Darren GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Thursday, October 4, 2018 10:46 AM
To: Koyanagi, Victor EMPR:EX
Cc: Maxwell, Scott D TRAN:EX; Pooley, Adrian EMPR:EX; Chace, Julie EMPR:EX; Haslam, David GCPE:EX
Subject: RE: Old Fort Road Landslide and Deasan Holdings Aggregate Pit

Hi Victor,

Residents from Old Fort Road are calling my cell phone for updates on the landslide – may I ask that you please don't ask residents to call me directly. My shop through Government Communications provide updates to media to disseminate to the community, and don't typically deal with questions from the public (these are handled by program staff like Scott and yourself).

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Koyanagi, Victor EMPR:EX
Sent: Wednesday, October 3, 2018 4:09 PM
To: Robb, Katie GCPE:EX
Cc: Maxwell, Scott D TRAN:EX; Pooley, Adrian EMPR:EX; Chace, Julie EMPR:EX
Subject: Old Fort Road Landslide and Deasan Holdings Aggregate Pit

Hello Katie Robb,

I have been contacted by residents of Old Fort ^{s.22}) looking for information regarding the landslide and Mines Act permit information for the Deasan Holdings gravel pit. Following discussions with Scott Maxwell and George Warnock it was determined that one point of contact representing MoTi and MEMPR was pertinent. Can you please let me know who the contact would be for this landslide such that I can provide this information to ^{s.22}

Regards,

Victor M. Koyanagi, P.Geo.
Senior Inspector of Mines, Permitting / Health and Safety
North Central / Northeast Mining Region
Ministry of Energy, Mines and Petroleum Resources
350-1011 4th Avenue
Prince George, BC V2L 3H9
Tel: (250) 565-4323 (direct line)
Tel: (250) 565-4240 (main office line)
Cell: (250) 612-7232
Fax: (250) 565-4328

From: Maxwell, Scott D TRAN:EX
Sent: Wednesday, October 3, 2018 12:56 PM
To: Koyanagi, Victor EMPR:EX
Cc: Warnock, George TRAN:EX
Subject: Old Fort Road

Hi Victor,

I spoke with Katie Robb, MoTI's GCPE Communication Director. She suggested that MoTI remain the spokesperson on the file given we've assumed that role already.

She was going to touch base with her counterpart at EMPR GCPE to gauge their opinion, but I would be surprised if it changed.

I imagine you'll get this request via your GCPE team, but the main thing we'll need from you will be; what are our talking points should the gravel pit come up? A few high level bullets will probably suffice.. you know the questions that are getting asked....

Thanks,

Scott Maxwell

Executive Director – Northern Region | Ministry of Transportation & Infrastructure
Phone (250) 565-6479 Email Scott.Maxwell@gov.bc.ca
Current Road Conditions: DriveBC.ca Find Us Online: TranBC.ca

Beaupre, Darren GCPE:EX

From: Haslam, David GCPE:EX
Sent: Monday, October 1, 2018 2:26 PM
To: Grewar, Colin GCPE:EX
Subject: FW: Site C issues note: Old Fort Road landslide
Attachments: 2018-10-01 IN - Old Fort Road landslide (3).docx

They missed you.

From: Alexis, Greg [<mailto:Greg.Alexis@bchydro.com>]
Sent: Monday, October 1, 2018 11:47 AM
To: Sanderson, Melissa EMPR:EX; Haslam, David GCPE:EX
Cc: Sauer, Darwin; Deeley, Anna; Conway, David; Beaupre, Darren GCPE:EX
Subject: Site C issues note: Old Fort Road landslide

Melissa and David,

Here is the issues note on the Old Fort Road landslide.

Please let us know if you have any questions.

Thanks,

Greg

Greg Alexis | Manager of Public Affairs & Community Relations, Site C

BC Hydro
333 Dunsmuir St, 6th floor
Vancouver, BC V6B 5R3

P 604 623 4546
M 604 364 8846
E greg.alexis@bchydro.com

bchydro.com

Smart about power in all we do.

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ADVICE TO MINISTER

<p style="text-align: center;">CONFIDENTIAL ISSUES NOTE</p> <p>Ministry: Transportation and Infrastructure Date: October 1, 2018 Minister Responsible: Claire Trevena</p>	<p>Old Fort Road Landslide (near Fort St. John)</p>
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ADVICE AND RECOMMENDED RESPONSE:

s.13

If asked, where did the landslide take place?

- The slide took place approximately 1 kilometre west of the Old Fort community, just south of Fort St. John.

If asked, what is the impact to the local community?

- There is no immediate risk to the Old Fort community, however the slide continues to move and it could be several days before it stops.
- Old Fort Road has been damaged, and the road to the community is closed until the site is safe for crews to start repairs.

- An evacuation order has been issued for the Peace River Lookout and lands directly south and south-east, which includes a gravel operation above the slide.

If asked, what is the ministry doing to address this issue?

- We are working around the clock to find a solution – 24-hour traffic control and slide monitoring is in place.
- A preliminary field and air assessment has been completed, and landslide specialists have been inspecting the site.
- The ministry is working with the Peace River Regional District to find suitable access options for the residents in the meantime.
- We will continue to provide updates as more information becomes available.

s.13

BACKGROUND REGARDING THE ISSUE:

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately 1 kilometre west of the Old Fort community, which is just south of Fort St John.

A preliminary field and air assessment has been completed, and landslide specialists are on route. The slide continues to move and it could be several days before it stops. 24-hour traffic control and slide monitoring is in place.

The Old Fort Road has been damaged and the road to the community is closed until the site can be determined to be safe to allow crews to enter to start the repairs.

The Ministry is working with the Peace River Regional District (PRRD) to find suitable access options for the residents in the meantime.

It has been determined that there is no immediate risk to the Old Fort community.

An evacuation order has been issued for the Peace River Lookout and lands directly south and south-east, which includes a gravel operation near the top above the slide.

<https://www.alaskahighwaynews.ca/fort-st-john/landslide-closes-old-fort-road-1.23447398>

Communications Contact:	Brendan Phelps	250-387-8619
Program Contact:	Hali Davenport	250-787-3310

Minister's Office	Program Area	ADM	Comm. Dir
	HD		

Beaupre, Darren GCPE:EX

From: Plummer, Glen GCPE:EX
Sent: Wednesday, October 3, 2018 6:35 PM
To: Beaupre, Darren GCPE:EX; Haslam, David GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX
Subject: Fwd: Old Fort Road Landslide and Deasan Holdings Aggregate Pit

Hi all,

Please see the email chain below - looks like MOTI wishes to remain lead spokesperson on this incident.

David and Darren, has anyone from MOTI GCPE contacted you?

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Glen Plummer
Senior Public Affairs Officer
250 213-5667

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Date: October 3, 2018 at 4:13:59 PM PDT
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Subject: Fwd: Old Fort Road Landslide and Deasan Holdings Aggregate Pit

Sent from my iPhone

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Date: October 3, 2018 at 4:08:36 PM PDT
To: "Robb, Katie GCPE:EX" <Katie.Robb@gov.bc.ca>
Cc: "Maxwell, Scott D TRAN:EX" <Scott.Maxwell@gov.bc.ca>, "Pooley, Adrian EMPR:EX" <Adrian.Pooley@gov.bc.ca>, "Chace, Julie EMPR:EX" <Julie.Chace@gov.bc.ca>
Subject: Old Fort Road Landslide and Deasan Holdings Aggregate Pit

Hello Katie Robb,

I have been contacted by residents of Old Fort s.22

looking for information regarding the landslide and Mines Act permit information for the Deasan Holdings gravel pit. Following discussions with Scott Maxwell and George Warnock it was determined that one point of contact representing MoTi and MEMPR was pertinent. Can you please let me know who the contact would be for this landslide such that I can provide this information to s.22

Regards,

Victor M. Koyanagi, P.Geol.
Senior Inspector of Mines, Permitting / Health and Safety
North Central / Northeast Mining Region
Ministry of Energy, Mines and Petroleum Resources
350-1011 4th Avenue
Prince George, BC V2L 3H9
Tel: (250) 565-4323 (direct line)
Tel: (250) 565-4240 (main office line)
Cell: (250) 612-7232
Fax: (250) 565-4328

From: Maxwell, Scott D TRAN:EX
Sent: Wednesday, October 3, 2018 12:56 PM
To: Koyanagi, Victor EMPR:EX
Cc: Warnock, George TRAN:EX
Subject: Old Fort Road

Hi Victor,

I spoke with Katie Robb, MoTI's GCPE Communication Director. She suggested that MoTI remain the spokesperson on the file given we've assumed that role already. She was going to touch base with her counterpart at EMPR GCPE to gauge their opinion, but I would be surprised if it changed.

I imagine you'll get this request via your GCPE team, but the main thing we'll need from you will be; what are our talking points should the gravel pit come up? A few high level bullets will probably suffice.. you know the questions that are getting asked....

Thanks,

Scott Maxwell

Executive Director – Northern Region | Ministry of Transportation & Infrastructure
Phone (250) 565-6479 Email Scott.Maxwell@gov.bc.ca
Current Road Conditions: DriveBC.ca Find Us Online: TranBC.ca

Beaupre, Darren GCPE:EX

From: Haslam, David GCPE:EX
Sent: Sunday, October 7, 2018 5:54 PM
To: Zadavec, Don GCPE:EX; Howlett, Tim GCPE:EX
Cc: Beaupre, Darren GCPE:EX
Subject: Fwd: Old Fort update

FYI below.

Sent from my iPhone

Begin forwarded message:

From: "Alexis, Greg" <Greg.Alexis@bchydro.com>
Date: October 7, 2018 at 3:39:37 PM PDT
To: "Melissa EMPR:EX Sanderson" <Melissa.Sanderson@gov.bc.ca>, David Haslam <David.Haslam@gov.bc.ca>
Cc: "Sauer, Darwin" <Darwin.Sauer@bchydro.com>, "Fish, Tanya" <Tanya.Fish@bchydro.com>, "McEwan, Alicia" <Alicia.McEwan@bchydro.com>, Colin Grewar <Colin.Grewar@gov.bc.ca>
Subject: Old Fort update

Melissa and David,

Not sure if you have heard but but the PRRD issued an evacuation order today for Old Fort. They also contacted the Site C project team and asked for permission to use our dock to help with the evacuation. We have provided them permission for access.

In terms of the project there are still no impacts and work continues at site as per usual.

We also issued the following tweets a few minutes ago.

Please let us know if you have any questions.

Thanks,

Greg

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-BCHydroDisclaimerID5.2.8.1541

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Beaupre, Darren GCPE:EX

From: Beaupre, Darren GCPE:EX
Sent: Tuesday, October 9, 2018 4:26 PM
To: Haslam, David GCPE:EX; Sanderson, Melissa EMPR:EX; Andrews, Scott EMPR:EX
Cc: Smith, Paula GCPE:EX; Platts, Robin GCPE:EX
Subject: IN update
Attachments: IN_LandslideFSJ_Oct9 2018_330pm.docx

Updated. Latest attached. ADM approved.

-----Original Message-----

From: Haslam, David GCPE:EX
Sent: Monday, October 8, 2018 4:49 PM
To: Sanderson, Melissa EMPR:EX; Andrews, Scott EMPR:EX
Cc: Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Platts, Robin GCPE:EX
Subject: Fwd: IN_LandslideFSJ_Oct5 2018_2pm

IN as of Friday

ADVICE TO MINISTER

<p style="text-align: center;">CONFIDENTIAL ISSUES NOTE</p> <p>Ministry: Transportation and Infrastructure Date: October 1, 2018 Minister Responsible: Claire Trevena</p>	<p>Old Fort Road Landslide (near Fort St. John)</p>
---	--

ADVICE AND RECOMMENDED RESPONSE:

s.13

If asked, where did the landslide take place?

- The slide took place approximately 1 kilometre west of the Old Fort community, just south of Fort St. John.

If asked, what is the impact to the local community?

- There is no immediate risk to the Old Fort community, however the slide continues to move and it could be several days before it stops.
- Old Fort Road has been damaged, and the road to the community is closed until the site is safe for crews to start repairs.

- An evacuation order has been issued for the Peace River Lookout and lands directly south and south-east, which includes a gravel operation above the slide.

If asked, what is the ministry doing to address this issue?

- We are working around the clock to find a solution – 24-hour traffic control and slide monitoring is in place.
- A preliminary field and air assessment has been completed, and landslide specialists have been inspecting the site.
- The ministry is working with the Peace River Regional District to find suitable access options for the residents in the meantime.
- We will continue to provide updates as more information becomes available.

s.13

BACKGROUND REGARDING THE ISSUE:

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately 1 kilometre west of the Old Fort community, which is just south of Fort St John.

A preliminary field and air assessment has been completed, and landslide specialists are on route. The slide continues to move and it could be several days before it stops. 24-hour traffic control and slide monitoring is in place.

The Old Fort Road has been damaged and the road to the community is closed until the site can be determined to be safe to allow crews to enter to start the repairs.

The Ministry is working with the Peace River Regional District (PRRD) to find suitable access options for the residents in the meantime.

It has been determined that there is no immediate risk to the Old Fort community.

An evacuation order has been issued for the Peace River Lookout and lands directly south and south-east, which includes a gravel operation near the top above the slide.

<https://www.alaskahighwaynews.ca/fort-st-john/landslide-closes-old-fort-road-1.23447398>

Communications Contact:	Brendan Phelps	250-387-8619
Program Contact:	Hali Davenport	250-787-3310

Minister's Office	Program Area	ADM	Comm. Dir
	HD		

Beaupre, Darren GCPE:EX

From: Chace, Julie EMPR:EX
Sent: Tuesday, October 9, 2018 2:51 PM
To: Smith, Paula GCPE:EX
Cc: Constable, Lowell EMPR:EX; Pooley, Adrian EMPR:EX
Subject: IN_LandslideFSJ_Oct9 2018_11am (3)
Attachments: IN_LandslideFSJ_Oct9 2018_11am (3).docx

With edits from the team. Thanks so much Lowell and Adrian.

ADVICE TO MINISTER

<p style="text-align: center;">Confidential GCPE-MEMPR ISSUE NOTE</p> <p>Ministry of Energy, Mines and Petroleum Resources Date: Oct 9, 2018 Minister Responsible: Hon. Michelle Mungall</p>	<p style="text-align: center;">Gravel Pit – Landslide Fort St. John</p>
---	---

ADVICE AND RECOMMENDED RESPONSE:

s.13

KEY FACTS REGARDING THE ISSUE:

There is a gravel mine in the area, located just above the slide (AKA Blair's Sand and Gravel). It is owned by Deasan Holdings. This gravel pit has been periodically operated since the 1980's and prior to Deasan Holdings was permitted as Blair's Sand and Gravel and Fort St. John Sand and Gravel. A Mines Act permit was issued August 7, 2018 to Deasan Holdings, the registered owner in in fee simple for this pit.

On Sept. 29, 2018, a landslide occurred above Old Fort Road near Fort St. John. The landslide damaged pavement and required the road to close. The slide area is located along the flank of the Peace River. The Ministry of Transportation and Infrastructure alerted their stakeholders and initiated a geotechnical assessment.

ADVICE TO MINISTER

s.13

Communications Contact: Paula Smith 250-880-6549
Program Area Contact: Julie Chace 778-698-7289
File Created: October 1, 2018
File Updated: October 9, 2018

ADVICE TO MINISTER

s.13

Beaupre, Darren GCPE:EX

From: Beaupre, Darren GCPE:EX
Sent: Friday, October 12, 2018 7:18 AM
To: Smith, Paula GCPE:EX
Subject: Fwd: MEMPR Media Watch - AM - Friday, October 12, 2018

We should aim to have updated more on slide this morning. Any approvals from program?

Sent from my iPhone

Begin forwarded message:

From: <Harriet.DCosta@gov.bc.ca>
Date: October 12, 2018 at 7:06:59 AM PDT
To: <Harriet.DCosta@gov.bc.ca>
Subject: MEMPR Media Watch - AM - Friday, October 12, 2018

Today's News Online - AM
DO NOT FORWARD THIS E-MAIL TO ANYONE

Friday, October 12, 2018

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Landslide near Peace River is just one kilometre from Site C

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Slow landslide prompts alert in Fort St. John

Vancouver Sun

Friday, October 12, 2018

Page A10

By Staff

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Soft copper markets derail sale of Yukon mine

The Province

Friday, October 12, 2018

Page A11

By Staff

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Evacuation alert in Fort St. John, B.C., as nearby hillside continues to move
Abbotsford News
Thursday, October 11, 2018

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LNG canada fuels expectations for more projects
Calgary Herald
Friday, October 12, 2018
Page A05
By Chris Varcoe

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Page 036 to/à Page 037

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Fortis scrambles to keep the gas flowing

The Province

Friday, October 12, 2018

Page A06

By Randy Shore

Level with us on B.C.'s climate plan
Times Colonist (Victoria)
Friday, October 12, 2018
Page A11
By Editorial-2

Fortis getting help from its friends
Vancouver Sun

Friday, October 12, 2018
Page A01
By Randy Shore

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Can climate plan offset LNG deal?

New Westminster Record
Thursday, October 11, 2018
Page A06
By Keith Baldrey

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Pipeline blast disrupts service in B.C., U.S.

Globe and Mail

Thursday, October 11, 2018

Page A04

By Justine Hunter & Andrea Woo-1

Gas slowly being restored, as police say cause of pipeline blast not criminal

CP News

Thursday, October 11, 2018

By Dirk Meissner 

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As gas flows back in one Enbridge's B.C. pipeline, FortisBC still advises keeping thermostats turned off

The Georgia Straight

Thursday, October 11, 2018

By Charlie Smith

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RCMP: natural gas line explosion not criminal in nature

CJVB Online

Thursday, October 11, 2018

By CJVB Online

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1 of 2 pipelines back on after gas line explosion near Prince George, B.C.

CBC Online

Thursday, October 11, 2018

By CBC Online

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Gas flowing again along FortisBC's Enbridge pipeline
Abbotsford News
Thursday, October 11, 2018

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Mungall - Kitimat LNG terminal
CHNL
Thursday, October 11, 2018, 09:51
By CHNL Jim Harrison

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Mehta - natural gas conservation
CFAX
Thursday, October 11, 2018, 15:03
By CFAx0

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Stout - FortisBC conservation

CKNW

Thursday, October 11, 2018, 11:30

By CKNW

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Gas flows resume after pipe rupture hits U.S. refiners

National Post

Friday, October 12, 2018

Page FP3

By David Marino & Rachel Adams-Heard

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Benefits for communities on oil pipeline's path in limbo

Vancouver Sun

Friday, October 12, 2018

Page A02

By Glenda Luymes

Smyth - LNG & climate change
CKNW
Thursday, October 11, 2018, 06:37
By CKNW View From Victoria

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Nanaimo mayors' race could tilt balance of power in legislature

The Province

Friday, October 12, 2018

Page A12

By Carla Wilson

PR governments look after environment better

The Province

Friday, October 12, 2018

Page A19

By Tim Pearson³

Local MLA concerned about proportional representation referendum

Ashcroft Cache Creek Journal
Thursday, October 11, 2018

By Ken Alexander-3

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No duty to consult Indigenous groups on federal law-making, top court says

The Province

Friday, October 12, 2018

Page A21

By Jim Bronskill & Bob Weber

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Blame the activists

National Post

Friday, October 12, 2018

Page A09

By Kelly McParland-3

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Oil discounts grow as CEOs complain of competitiveness gap

Times Colonist (Victoria)

Thursday, October 11, 2018

Page D08

By Dan Healing

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B.C., Washington state sign MOU
Ming Pao News
Thursday, October 11, 2018
Page A07
3

Page 070

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Beaupre, Darren GCPE:EX

From: Beaupre, Darren GCPE:EX
Sent: Tuesday, October 9, 2018 5:27 PM
To: Smith, Paula GCPE:EX; Grewar, Colin GCPE:EX
Subject: Fwd: Old Fort messaging
Attachments: 2018-10-10 IN - Old Fort Road landslide - updated.docx; ATT00001.htm; IN Old Fort Road Landslide (3).docx - BCH edits.docx; ATT00002.htm

FYI on attached. No action required. For intel right now.

Sent from my iPhone

Begin forwarded message:

From: "Alexis, Greg" <Greg.Alexis@bchydro.com>
Date: October 9, 2018 at 5:06:22 PM PDT
To: "Haslam, David GCPE:EX" <David.Haslam@gov.bc.ca>, "Robb, Katie GCPE:EX" <Katie.Robb@gov.bc.ca>, "Robins, Shawn GCPE:EX" <Shawn.1.Robins@gov.bc.ca>
Cc: "Sauer, Darwin" <Darwin.Sauer@bchydro.com>, "Beaupre, Darren GCPE:EX" <Darren.Beaupre@gov.bc.ca>, "Smith, Paula GCPE:EX" <Paula.Smith@gov.bc.ca>, "Karemaker, Kent GCPE:EX" <Kent.Karemaker@gov.bc.ca>, "Zadravec, Don GCPE:EX" <Don.Zadravec@gov.bc.ca>
Subject: RE: Old Fort messaging

Please find attached BC Hydro's updated issues note on the landslide. We have also made some suggested edits to MoTI's note that was sent earlier.

From: Haslam, David GCPE:EX [<mailto:David.Haslam@gov.bc.ca>]
Sent: 2018, October 09 3:12 PM
To: Robb, Katie GCPE:EX; Robins, Shawn GCPE:EX
Cc: Sauer, Darwin; Alexis, Greg; Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX; Zadravec, Don GCPE:EX
Subject: RE: Old Fort messaging

Including Don Z. We're also working on an EMPR staffer to be there to brief MMF as well. Looks like it's going to be Adrian Poole – will let you know when I confirm.

From: Robb, Katie GCPE:EX
Sent: Tuesday, October 9, 2018 2:52 PM
To: Haslam, David GCPE:EX; Robins, Shawn GCPE:EX
Cc: 'Sauer, Darwin'; Greg Alexis (Greg.Alexis@bchydro.com); Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX
Subject: RE: Old Fort messaging

Here is our updated IN. Scott Maxwell, MoTI's ED for the North, will be there to brief Minister Farnworth tomorrow.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Haslam, David GCPE:EX
Sent: Tuesday, October 9, 2018 2:34 PM
To: Robins, Shawn GCPE:EX
Cc: Robb, Katie GCPE:EX; 'Sauer, Darwin'; Greg Alexis (Greg.Alexis@bchydro.com); Beaupre, Darren

GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX

Subject: Old Fort messaging

Shawn – as discussed attached is MoTI IN on Old Fort to support MMF tour of the EOC tomorrow 10 am to 11 am. BC Hydro coms is working on additional Site C landslide messaging. In addition to Katie Robb, I've included Darwin Saurer and Site C manager Greg Alexis as well so all in the loop. I'll reach out to EMPR staff to see if it's possible to provide MMF a technical briefing on at the EOC. Trust this helps -
David

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BC HYDRO ISSUES NOTE

Issue:	LANDSLIDE ABOVE OLD FORT
Spokesperson:	Greg Alexis, Public Affairs Manager, Site C

ISSUE SUMMARY

A landslide took place above Old Fort Road the weekend of September 29/30. The slide location is about one kilometre past the eastern entrance to the Site C project site.

BACKGROUND – LANDSLIDE

- Sometime late Saturday night (Sept. 29) / early Sunday morning (Sept. 30), a landslide took place above Old Fort Road.
 - The slide location is off dam site and approximately 1 km past (east of) the Gate 'B' entrance to Site C.
- There is a gravel pit (Blair's Sand & Gravel) located directly above the slide.
 - The gravel pit operation is located outside of Site C boundaries
 - BC Hydro does not have a contract with Blair's Sand & Gravel for stockpiling or other uses, nor has it been used by any of the Site C contractors or sub-contractors.
- There is no evidence at this time that the slide is related to Site C or any of the work taking place on the project.
- Operations at the project site have not been impacted and work is continuing as planned.
- On October 7, the Peace River Regional District issued an evacuation order for the entire community of Old Fort.
- On October 8, BC Hydro provided the Peace River Regional District access to the Site C dock to assist with the evacuation of residents.

BACKGROUND – SLOPE STABILITY

- Prior to the start of Site C construction, BC Hydro conducted extensive engineering investigations, analysis and review into the geology of the Site C project area.
 - Identified geotechnical risks, along with mitigation measures, were reported in the Site C Project's Environmental Impact Statement.
- Historical landslide complexes in the Peace Valley are very common and are addressed in the design and assessment of all Site C project areas, including:
 - the Highway 29 realignment
 - the Hudson's Hope berm;
 - the Site C earthfill dam and associated permanent features.
- Historical slides are addressed with the project excavations and stabilization measures at the dam site.

- This includes the left bank overburden excavation which is a slope stabilization of over 11 million cubic metres.
- An extensive inventory of existing slides is incorporated into the reservoir impact lines, which outlines the predicted effects of the Site C reservoir on slope stability and erosion.
- Stability issues and the potential for tension cracks on the north bank were expected, which is why the slope is being excavated to remove unstable overburden materials prior to completion of the permanent works.
- As part of Site C construction, work has been underway since the summer of 2015 to remove unstable material on the north bank to create stable slopes for eventual dam construction.
 - This work is being done in accordance with international and Canadian safety practices to withstand unlikely events, such as an extreme earthquake.
 - Slope stabilization activities include the construction of access roads and haul roads, excavation of unstable materials and relocation and storage of excavated materials for future use in other areas of the project.
- As of August 2018, more than 11 million cubic metres of material (including overburden and shale bedrock) have been excavated from the north bank.
- Keeping with international best practice, BC Hydro also has a Technical Advisory Board for Site C that provides on-going technical advice on the engineering and design of the project.
- The members of the Site C Technical Advisory Board are globally recognized for their technical knowledge and experience with the design of hydroelectric projects around the world.

KEY MESSAGES

- BC Hydro is committed to safely and responsibly advancing the construction of the Site C project.
- Our top priority is the safety of the public and our workers and we continue to closely monitor the situation related to the off-site landslide.
- There is no evidence at this time that the slide is related to Site C or any of the work taking place on the project.
- The slide location is off dam site and about 1 km past the Gate 'B' entrance to site and that gate remains open for workers and contractors accessing site.

- Operations at the project site have not been impacted and work is continuing as planned.

TOP QUESTIONS AND ANSWERS

- 1. People are saying that the gravel pit, located above Old Fort Road, triggered the landslide. Was the gravel pit being used for the project?**
 - No, the gravel operation above the slide is not part of the project.
- 2. Why would BC Hydro build a dam in an area that has history of landslides?**
 - BC Hydro is committed to safely and responsibly advancing the construction of the Site C project.
 - BC Hydro has conducted extensive engineering studies into the geology of the project area – including the dam site – for decades.
 - The issue of historical slides in the area is well documented and is being addressed with the excavations and stabilization measures that have been taking place at site since construction started in 2015.
 - For example, BC Hydro has removed more than 11 million cubic metres of overburden materials on the north bank to create a stable slope for the dam.
- 3. Why is BC Hydro building a dam on shale?**
 - Site C is being built – and will be maintained – to international and Canadian safety standards so it can withstand major events like earthquakes and floods.
 - BC Hydro has conducted extensive engineering studies into the geology of the project area – including the dam site – for decades.
 - The presence of shale bedrock is well documented in the project's environmental impact statement (EIS).
 - The EIS was reviewed by the Site C Joint Review Panel and later approved by the provincial and federal governments in 2014.
 - Building hydro-electric dams on shale bedrock is not uncommon.
 - The environmental impact statement for Site C identified 16 other earthfill dams around the world that were built on similar bedrock.
 - BC Hydro has incorporated into the design a concrete buttress that will be placed under the spillway and generating station for increased stability and seismic protection.
- 4. Is BC Hydro doing anything to help Old Fort residents?**
 - BC Hydro provided the Peace River Regional District use of our dock at Site C to help with the evacuation of local residents over the weekend.
 - We will continue to monitor the situation closely and work with officials to provide support and assistance where possible.
- 5. Has BC Hydro heard any concerns from workers about the conditions of the roads coming into site?**
 - We have not heard any concerns about the stability of the roads coming into the project area.
 - Any concerns specific to those roads should be directed to the Peace River Regional District.

Page 076 to/à Page 078

Withheld pursuant to/removed as

s.13

Beaupre, Darren GCPE:EX

From: Karemaker, Kent GCPE:EX
Sent: Tuesday, October 9, 2018 10:00 AM
To: Robb, Katie GCPE:EX
Cc: Smith, Paula GCPE:EX; Chace, Julie EMPR:EX; Amann-Blake, Nathaniel EMPR:EX; Warnock, George TRAN:EX
Subject: Meeting on Old Fort landslide

Hello Katie,

We'd like to set up a call with you (and George) to discuss Old Fort going forward as soon as you get a moment.

What would work for you? Please feel free to email or call me to discuss.

Kent Karemaker | Media Relations
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Telephone: 250-886-5400
Kent.Karemaker@gov.bc.ca

Beaupre, Darren GCPE:EX

From: Beaupre, Darren GCPE:EX
Sent: Monday, October 1, 2018 4:11 PM
To: Smith, Paula GCPE:EX
Cc: Haslam, David GCPE:EX; Grewar, Colin GCPE:EX
Subject: FW: Deasan Holdings Ltd-Advice of Geotechnical Incident Sept 30 2018

Paula,

You can best connect with Heather Cullen for the latest on this situation. They have engineers visiting the site tomorrow. There is a stop work order on the company. I'll start and IN here and you can take it over in the morning.

From: Chace, Julie EMPR:EX
Sent: Monday, October 1, 2018 4:01 PM
To: Beaupre, Darren GCPE:EX
Subject: Fwd: Deasan Holdings Ltd-Advice of Geotechnical Incident Sept 30 2018

Sent from my iPhone

Begin forwarded message:

From: "Constable, Lowell EMPR:EX" <Lowell.Constable@gov.bc.ca>
Date: October 1, 2018 at 3:55:34 PM PDT
To: "Cullen, Heather J EMPR:EX" <Heather.Cullen@gov.bc.ca>
Cc: "Chace, Julie EMPR:EX" <Julie.Chace@gov.bc.ca>
Subject: Re: Deasan Holdings Ltd-Advice of Geotechnical Incident Sept 30 2018

That's right Heather. Jen is leaving in the morning, meeting Adrian at the FSJ airport, and that will be onsite shortly after lunch.

-LC

Sent from my iPhone

On Oct 1, 2018, at 3:27 PM, Cullen, Heather J EMPR:EX <Heather.Cullen@gov.bc.ca> wrote:

I just found out that Brent Case (MOTI Engineer), Jennifer Brash (MEMPR Geotech) and Adrian Pooley (MEMPR Regional H&S) are travelling to the site tomorrow to determine situation and next steps

*Heather Cullen,
Regional Director
Ministry of Energy Mines and Petroleum Resources
North Central and Northeast Regions
tel (250) 565-4131
cell (250) 961-0102*

From: Cullen, Heather J EMPR:EX
Sent: Monday, October 1, 2018 3:21 PM
To: Chace, Julie EMPR:EX
Cc: Constable, Lowell EMPR:EX
Subject: RE: Deasan Holdings Ltd-Advice of Geotechnical Incident Sept 30 2018

That is our first response for now.
I understand Lowell Constable and Brent Bettie are being brought up to speed and may have intentions to go look at the site or review what should be done with the mine site.
Lowell?

*Heather Cullen,
Regional Director
Ministry of Energy Mines and Petroleum Resources
North Central and Northeast Regions
tel (250) 565-4131
cell (250) 961-0102*

From: Chace, Julie EMPR:EX
Sent: Monday, October 1, 2018 1:49 PM
To: Cullen, Heather J EMPR:EX
Subject: RE: Deasan Holdings Ltd-Advice of Geotechnical Incident Sept 30 2018

Hi Heather,

Sorry, what our next steps? I am not clear – are we just waiting for info from the company's geotech engineer while they are under the stop work order?
Thanks, julie

From: Cullen, Heather J EMPR:EX
Sent: Monday, October 1, 2018 11:15 AM
To: Chace, Julie EMPR:EX
Subject: FW: Deasan Holdings Ltd-Advice of Geotechnical Incident Sept 30 2018

Just giving you this as a heads up on an incident in our region. See attached

s.13

The operations are under a stop work order and further geotechnical investigations are being arranged.

MOTI is dealing with the impacts to the road, which has cut off access to a small community (Old Fort)

Note: GSPE and Chief Inspector have been informed

*Heather Cullen,
Regional Director*

Ministry of Energy Mines and Petroleum Resources
North Central and Northeast Regions
tel (250) 565-4131
cell (250) 961-0102

From: Pooley, Adrian EMPR:EX
Sent: Monday, October 1, 2018 9:58 AM
To: Cullen, Heather J EMPR:EX
Subject: FW: Deasan Holdings Ltd-Advice of Geotechnical Incident Sept 30 2018

From: Pooley, Adrian EMPR:EX
Sent: Monday, October 1, 2018 9:29 AM
To: Constable, Lowell EMPR:EX; Hoffman, Al EMPR:EX
Cc: Haslam, David GCPE:EX; Demchuk, Tania EMPR:EX
Subject: FW: Deasan Holdings Ltd-Advice of Geotechnical Incident Sept 30 2018

Hi,

Attached is the geotechnical report for a slide near Fort St John. It has damaged the road below, cutting off access to Old Fort neighborhood. The slide has made the news. The mine manager is trying to get a geotechnical engineer to assess the damage.

<https://www.alaskahighwaynews.ca/fort-st-john/landslide-closes-old-fort-road-1.23447398>

Adrian Pooley, P. Eng.
Inspector of Mines – Health & Safety
BC Ministry of Energy, Mines & Petroleum Resources
Phone: 250-565-6046
Cell: 250-640-6190
email: adrian.pooley@gov.bc.ca

From: Meade, Laurie EMPR:EX
Sent: Sunday, September 30, 2018 11:01 AM
To: Bailey, Kristopher W EMPR:EX; Pooley, Adrian EMPR:EX
Subject: Fwd: Deasan Holdings Ltd-Advice of Geotechnical Incident Sept 30 2018

They are going to retain a engineer to advise them on root cause. Please one of you follow up
Thanks

Laurie Meade
Sr. Inspector of Mines H&S
250-614-9592

Sent from my iPhone

Begin forwarded message:

From: "Tammy Beech" <Tammy@drsenergy.ca>

To: "Meade, Laurie EMPR:EX" <Laurie.Meade@gov.bc.ca>

Cc: "Sandy Beech" <sandy@drsenergy.ca>

Subject: Deasan Holdings Ltd-Advice of Geotechnical Incident Sept 30 2018

Laurie

As per Sandy's request please find attached Advice of Geotechnical Incident.

Thank you,

Tammy Beech
Office Administrator



Box 6958

Fort St John, B.C. V1J 4J3

Phone: 250-785-8003

Fax: 250-785-8009

Email: tammy@drsenergy.ca

Beaupre, Darren GCPE:EX

From: Beaupre, Darren GCPE:EX
Sent: Wednesday, October 10, 2018 10:27 AM
To: Smith, Paula GCPE:EX
Subject: FW: MEDIA ADVISORY – Emergency Management BC – Fort St. John

fyi

From: noreply.newsondemand@gov.bc.ca [mailto:noreply.newsondemand@gov.bc.ca]
Sent: Wednesday, October 10, 2018 10:20 AM
To: Beaupre, Darren GCPE:EX
Subject: MEDIA ADVISORY – Emergency Management BC – Fort St. John

For Immediate Release

Oct. 10, 2018

Emergency Management BC

MEDIA ADVISORY

FORT ST. JOHN - Mike Farnworth, Minister of Public Safety and Solicitor General, will be available to provide an update on the landslide impacting the community of Old Fort.

There will be a question and answer session after the update.

Event date: Wednesday, Oct. 10, 2018

Time: 3:30 to 4 p.m.

Location:
Peace River Regional District Office
9505 100 St.
Fort St. John

Contact:

Susan Williams
Public Information Officer
Emergency Management BC
250 812-8513

Beaupre, Darren GCPE:EX

From: Peace River Regional District <Fran.Haughian@prrd.bc.ca>
Sent: Wednesday, October 10, 2018 4:44 PM
To: Smith, Paula GCPE:EX
Subject: Engineering Geologist Old Fort Slide Pictures and Update - PRRD Emergency News

PRRD Emergency News

[View this email in your browser](#)



EMERGENCY NEWS

Engineering Geologist Old Fort Slide Pictures and Update

Oct 10 2018 4:10pm

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Beaupre, Darren GCPE:EX

From: Peace River Regional District <Fran.Haughian@prrd.bc.ca>
Sent: Thursday, October 11, 2018 2:51 PM
To: Smith, Paula GCPE:EX
Subject: Evacuation Order Expanded - PRRD Emergency News

PRRD Emergency News

[View this email in your browser](#)



EMERGENCY NEWS

Evacuation Order Expanded

Oct 11 2018 2:10pm

Copyright

This email was sent to paula.smith@gov.bc.ca

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Peace River Regional District · Box 810 · Dawson Creek, Bc V1G 4H8 · Canada

Beaupre, Darren GCPE:EX

From: Amann-Blake, Nathaniel EMPR:EX
Sent: Sunday, October 7, 2018 4:13 PM
To: Sanderson, Melissa EMPR:EX
Cc: Nikolejsin, Dave EMPR:EX; Robb, Peter L. EMPR:EX; Haslam, David GCPE:EX; Hoffman, AI EMPR:EX; Chace, Julie EMPR:EX
Subject: Fwd: Evacuation Order for ALL properties in Old Fort
Attachments: Evacuation ORDER 5 Old Fort Landslide October 7 2018 with map.pdf; ATT00001.htm

Hi Melissa,

Update below re evacuation. Will provide more information as it is available.

Nate

Begin forwarded message:

From: "Pooley, Adrian EMPR:EX" <Adrian.Pooley@gov.bc.ca>
To: "Meade, Laurie EMPR:EX" <Laurie.Meade@gov.bc.ca>, "Cullen, Heather J EMPR:EX" <Heather.Cullen@gov.bc.ca>, "Chace, Julie EMPR:EX" <Julie.Chace@gov.bc.ca>, "Brash, Jennifer EMPR:EX" <Jennifer.Brash@gov.bc.ca>, "Constable, Lowell EMPR:EX" <Lowell.Constable@gov.bc.ca>, "Koyanagi, Victor EMPR:EX" <Victor.Koyanagi@gov.bc.ca>, "Hoffman, AI EMPR:EX" <AI.Hoffman@gov.bc.ca>
Subject: Fwd: Evacuation Order for ALL properties in Old Fort

Hi,

The entire community of Old Fort is now under an evacuation order. Engineers acting on behalf of the Regional District have determined that the slope above the community cannot be declared safe. The gravel pit has experienced minimal movement while other parts of the slope are moving 1-2 m per day.

Let me know if there are any questions. Thanks,

Adrian Pooley, P. Eng.
Inspector of Mines – Health & Safety
BC Ministry of Energy, Mines & Petroleum Resources
Phone: [250-565-6046](tel:250-565-6046)
Cell: [250-640-6190](tel:250-640-6190)
email: adrian.pooley@gov.bc.ca

Begin forwarded message:

From: "Deborah Jones-Middleton" <Deborah.Jones-Middleton@prrd.bc.ca>
To: "Adams, Amelia TRAN:EX" <Amelia.Adams@gov.bc.ca>, "Davenport, Hali N TRAN:EX" <Hali.Davenport@gov.bc.ca>, "Case, Brent A TRAN:EX" <Brent.Case@gov.bc.ca>, "Pooley, Adrian EMPR:EX" <Adrian.Pooley@gov.bc.ca>, "davide" <edward.shuster@bchydro.com>, "Edward Shuster - BC Hydro (edward.shuster@bchydro.com)" <edward.shuster@bchydro.com>,

"Davide.loro@telus.com" <Davide.loro@telus.com>, "Colin (colin.runacres@telus.com)" <colin.runacres@telus.com>, "Rodney Hafner (rodney@yrb.ca)" <rodney@yrb.ca>

Cc: "Bennett, Crissy EMBC:EX" <Crissy.Bennett@gov.bc.ca>, "Alexander, Debbie A EMBC:EX" <Debbie.Alexander@gov.bc.ca>

Subject: Evacuation Order for ALL properties in Old Fort

Good afternoon

Attached please find the Evacuation Order issued today at 12:15 pm. **This Order is for ALL properties in the Old Fort Subdivision.** RCMP and Search and Rescue will be expediting this order immediately.

If you have any questions please contact us at 250 784-3200.

Trish Morgan, Deputy EOC Director

Tel: 250 784-4831 Cell: 250 219-3000

EOC.DeputyDir@prrd.bc.ca



PEACE RIVER REGIONAL DISTRICT | Box 810, 1981 Alaska Highway, Dawson Creek, BC V1G 4H8

Toll Free: (24 hrs): **1-800-670-7773** | Office: **250-784-3200** | Fax: **250-784-3201** |

www.prrd.bc.ca



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PEACE RIVER REGIONAL DISTRICT

EVACUATION ORDER - 5

PEACE RIVER REGIONAL DISTRICT EVACUATION ORDER ISSUED October 7, 2018 1215 hours Old Fort Landslide

Pursuant to Section 12 (1) of the *Emergency Program Act*; and the Declaration of State of Local Emergency ordered on September 30, 2018 for Peace River Regional District in Electoral Area C, an Evacuation Order has been issued by the Peace River Regional District due to immediate danger to **life safety** due to landslide.

Members of the RCMP or representatives of the Peace River Regional District will be expediting this action.

The Evacuation Order is in effect for ALL areas and properties east of the current evacuation order including Old Fort Road, River Drive, Old Fort Loop, Canoe Road, and Trapper Road. See attached map.

Evacuees please register with the Reception Centre in the Pomeroy Sports Centre (9324 96 Street). The Reception Centre will be open on October 7, 2018 from 11am – 7pm. Outside of these hours please call the Peace River Regional District and 250-784-3200 to arrange services.

WHAT YOU SHOULD DO:

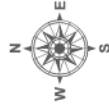
- **YOU MUST LEAVE THE AREA IMMEDIATELY**
- Close all windows and doors
- Shut off all gas and electrical appliances, other than refrigerators and freezers
- Close gates (latch) but do not lock

For more information contact: the Peace River Regional District at 250 784-3200.

After the evacuation all services to the area will stopped. Those who choose to stay will do so at their own risk and will be required to be 100% self-sufficient. All access routes will be manned and once some comes out they will not be allowed back in.

Brad Sperling, Chair
Peace River Regional District

Old Fort Subdivision Evacuation Overview



Sunday, October 7, 2018
12:15 PM

- Evacuation Order
- Evacuation Alert
- Electoral
- Municipal
- First Nations
- B.C.S Map Sheet
- Building/Residence
- Mile Post
- Rural Community
- Water Feature



Compiled and produced by the
Peace River Regional District
on Sunday, October 7, 2018.

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Page 093 to/à Page 094

Withheld pursuant to/removed as

Copyright

Beaupre, Darren GCPE:EX

From: Platts, Robin GCPE:EX
Sent: Monday, October 8, 2018 6:22 AM
To: Beaupre, Darren GCPE:EX; Haslam, David GCPE:EX; Karemaker, Kent GCPE:EX
Subject: Fwd: Evacuation Order for ALL properties in Old Fort

----- Original message -----

From: "Chace, Julie EMPR:EX"
Date: 2018-10-07 9:30 PM (GMT-08:00)
To: "Amann-Blake, Nathaniel EMPR:EX"
Cc: "Hoffman, Al EMPR:EX" , "Robb, Peter L. EMPR:EX" , "Platts, Robin GCPE:EX"
Subject: Fwd: Evacuation Order for ALL properties in Old Fort

FYI - just in from Adrian.

Sent from my iPhone

Begin forwarded message:

From: "Pooley, Adrian EMPR:EX" <Adrian.Pooley@gov.bc.ca>
Date: October 7, 2018 at 8:30:49 PM PDT
To: "Constable, Lowell EMPR:EX" <Lowell.Constable@gov.bc.ca>
Cc: "Meade, Laurie EMPR:EX" <Laurie.Meade@gov.bc.ca>, "Cullen, Heather J EMPR:EX" <Heather.Cullen@gov.bc.ca>, "Chace, Julie EMPR:EX" <Julie.Chace@gov.bc.ca>, "Brash, Jennifer EMPR:EX" <Jennifer.Brash@gov.bc.ca>, "Koyanagi, Victor EMPR:EX" <Victor.Koyanagi@gov.bc.ca>, "Hoffman, Al EMPR:EX" <Al.Hoffman@gov.bc.ca>
Subject: **Re: Evacuation Order for ALL properties in Old Fort**

Stockpile removal was ongoing today with no issues. There was no snow accumulation when I had spoken to the mine manager around noon. I will follow up on snow conditions tomorrow.

There is a public meeting in Fort St John tomorrow morning at 11:00. I am still waiting on call-in information. Will share that information when they send it out.

Adrian Pooley, P. Eng.
Inspector of Mines – Health & Safety
BC Ministry of Energy, Mines & Petroleum Resources
Phone: [250-565-6046](tel:250-565-6046)
Cell: [250-640-6190](tel:250-640-6190)
email: adrian.pooley@gov.bc.ca

On Oct 7, 2018, at 3:17 PM, Constable, Lowell EMPR:EX <Lowell.Constable@gov.bc.ca> wrote:

Hi Adrian,

A couple questions:

1) is Deasan still removing material from their stockpiles?

s.13

Thanks,
Lowell

Sent from my iPhone

On Oct 7, 2018, at 2:32 PM, Pooley, Adrian EMPR:EX
<Adrian.Pooley@gov.bc.ca> wrote:

Hi,

The entire community of Old Fort is now under an evacuation order. Engineers acting on behalf of the Regional District have determined that the slope above the community cannot be declared safe. The gravel pit has experienced minimal movement while other parts of the slope are moving 1-2 m per day.

Let me know if there are any questions. Thanks,

Adrian Pooley, P. Eng.

Inspector of Mines – Health & Safety

BC Ministry of Energy, Mines & Petroleum Resources

Phone: 250-565-6046<<tel:250-565-6046>>

Cell: 250<<tel:250-640-6190>>-640-6190<<tel:250-640-6190>>

email:

adrian.pooley@gov.bc.ca<<mailto:adrian.pooley@gov.bc.ca>>

Begin forwarded message:

From: "Deborah Jones-Middleton" <Deborah.Jones-Middleton@prrd.bc.ca<<mailto:Deborah.Jones-Middleton@prrd.bc.ca>>>

To: "Adams, Amelia TRAN:EX" <Amelia.Adams@gov.bc.ca<<mailto:Amelia.Adams@gov.bc.ca>>>
, "Davenport, Hali N TRAN:EX" <Hali.Davenport@gov.bc.ca<<mailto:Hali.Davenport@gov.bc.ca>>>
>, "Case, Brent A TRAN:EX"

<Brent.Case@gov.bc.ca<<mailto:Brent.Case@gov.bc.ca>>>,
"Pooley, Adrian EMPR:EX"
<Adrian.Pooley@gov.bc.ca<<mailto:Adrian.Pooley@gov.bc.ca>>>,
"davide"
<edward.shuster@bchydro.com<<mailto:edward.shuster@bchydro.com>>>,"Edward Shuster - BC Hydro
(edward.shuster@bchydro.com<<mailto:edward.shuster@bchydro.com>>)"
<edward.shuster@bchydro.com<<mailto:edward.shuster@bchydro.com>>>,
"Davide.loro@telus.com<<mailto:Davide.loro@telus.com>>"
<Davide.loro@telus.com<<mailto:Davide.loro@telus.com>>>,
"Colin
(colin.runacres@telus.com<<mailto:colin.runacres@telus.com>>)"
<colin.runacres@telus.com<<mailto:colin.runacres@telus.com>>>,
"Rodney Hafner (rodney@yrb.ca<<mailto:rodney@yrb.ca>>)"
<rodney@yrb.ca<<mailto:rodney@yrb.ca>>>
Cc: "Bennett, Crissy EMBC:EX"
<Crissy.Bennett@gov.bc.ca<<mailto:Crissy.Bennett@gov.bc.ca>>>,
"Alexander, Debbie A EMBC:EX"
<Debbie.Alexander@gov.bc.ca<<mailto:Debbie.Alexander@gov.bc.ca>>>

Subject: Evacuation Order for ALL properties in Old Fort

Good afternoon

Attached please find the Evacuation Order issued today at 12:15 pm. This Order is for ALL properties in the Old Fort Subdivision. RCMP and Search and Rescue will be expediting this order immediately.

If you have any questions please contact us at 250 784-3200.

Trish Morgan, Deputy EOC Director

Tel: 250 784-4831 Cell: 250 219-3000

EOC.DeputyDir@prrd.bc.ca<<mailto:EOC.DeputyDir@prrd.bc.ca>>

[https://external.fyvr1-1.fna.fbcdn.net/safe_image.php?d=AQBScLhfh-IjTmO&w=540&h=282&url=https%3A%2F%2Fprrd.bc.ca%2Fwp-content%2Fuploads%2FGetOutAndVote-01-700x400.jpg&cfs=1&upscale=1&fallback=news_d_placeholder_publisher&nc_hash=AQCYXt4KBexeJVzq]

[fb]<<https://www.facebook.com/Peace-River-Regional-District-Official-Page-205166546170683/timeline/>>PEACE RIVER REGIONAL DISTRICT | Box 810, 1981 Alaska Highway, Dawson Creek, BC V1G 4H8

Toll Free: (24 hrs): 1-800-670-7773 | Office: 250-784-3200 | Fax: 250-784-3201 | www.prrd.bc.ca<<http://www.prrd.bc.ca/>>

[cid:image001.jpg@01D0FB95.00F59DE0]<<http://www.prrd.bc.ca/>>

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Beaupre, Darren GCPE:EX

From: Platts, Robin GCPE:EX
Sent: Friday, October 5, 2018 5:02 PM
To: Haslam, David GCPE:EX; Beaupre, Darren GCPE:EX; Karemaker, Kent GCPE:EX
Subject: Fwd: IN_LandslideFSJ_Oct5 2018_2pm

Should we send info below to Brendan?

----- Original message -----

From: "Chace, Julie EMPR:EX"
Date: 2018-10-05 4:58 PM (GMT-08:00)
To: "Platts, Robin GCPE:EX"
Cc: "Amann-Blake, Nathaniel EMPR:EX" , "Howe, Diane J EMPR:EX"
Subject: Fwd: IN_LandslideFSJ_Oct5 2018_2pm

More info.
Sent from my iPhone

Begin forwarded message:

From: "Constable, Lowell EMPR:EX" <Lowell.Constable@gov.bc.ca>
Date: October 5, 2018 at 4:39:00 PM PDT
To: "Chace, Julie EMPR:EX" <Julie.Chace@gov.bc.ca>
Cc: "Brash, Jennifer EMPR:EX" <Jennifer.Brash@gov.bc.ca>, "Howe, Diane J EMPR:EX" <Diane.Howe@gov.bc.ca>
Subject: Re: IN_LandslideFSJ_Oct5 2018_2pm

Hi Julie,

Deasan provided a safe work plan to EMPR this morning, and we have approved them to remove the stockpiles under the supervision of a spotter and with oversight by a P.Eng.

Given the ongoing movement in the area we expect the stockpile platform to move further, but the rate and magnitude of additional movement is not certain. Deasan is required to monitor the movement and if defined monitoring triggers are reached the operation to remove the stockpiles will be discontinued immediately.

The company is required to update EMPR and MOTI throughout the process.

Let me know if you need more info at this time.

Regards,
Lowell

Sent from my iPhone

On Oct 5, 2018, at 4:01 PM, Chace, Julie EMPR:EX <Julie.Chace@gov.bc.ca> wrote:

Lowell and Jennifer. Would you be able to draft some answers to questions below as soon as possible? Thanks so much!

Sent from my iPhone

Begin forwarded message:

From: "Platts, Robin GCPE:EX" <Robin.Platts@gov.bc.ca>
Date: October 5, 2018 at 3:54:37 PM PDT
To: "Amann-Blake, Nathaniel EMPR:EX" <Nathaniel.Amann-Blake@gov.bc.ca>, "Chace, Julie EMPR:EX" <Julie.Chace@gov.bc.ca>
Cc: "Karemaker, Kent GCPE:EX" <Kent.Karemaker@gov.bc.ca>, "Beaupre, Darren GCPE:EX" <Darren.Beaupre@gov.bc.ca>, "Haslam, David GCPE:EX" <David.Haslam@gov.bc.ca>
Subject: Fwd: IN_LandslideFSJ_Oct5 2018_2pm

Hi

Transportation is responding to a media request re landslide. Are you able to provide anything re the questions below?

----- Original message -----

From: "Phelps, Brendan GCPE:EX" <Brendan.Phelps@gov.bc.ca>
Date: 2018-10-05 3:51 PM (GMT-08:00)
To: "Platts, Robin GCPE:EX" <Robin.Platts@gov.bc.ca>
Cc: "Haslam, David GCPE:EX" <David.Haslam@gov.bc.ca>, "Karemaker, Kent GCPE:EX" <Kent.Karemaker@gov.bc.ca>, "Beaupre, Darren GCPE:EX" <Darren.Beaupre@gov.bc.ca>
Subject: RE: IN_LandslideFSJ_Oct5 2018_2pm

Thanks Robin.

This is helpful, but doesn't exactly answer that question from the reporter:

Is the hillside directly below the gravel pit (which dropped several metres but still remains at the top of the slide site with gravel and material stacked on top) currently expected to give way as well? And is the company which runs that site (Deasan Holdings) working with the province to remove that stockpiled material? Can you make a call to your ministry staff on the ground at Old Fort? I was just on a coordination call with the Peace River Regional District, and someone from EMPR mentioned they are starting to remove that stockpiled material.

Regards,
Brendan

Brendan Phelps | Public Affairs Officer
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Office: 250 387-8619 | Mobile: 250 888-3402 | E:
brendan.phelps@gov.bc.ca

From: Platts, Robin GCPE:EX
Sent: Friday, October 5, 2018 3:46 PM
To: Phelps, Brendan GCPE:EX
Cc: Haslam, David GCPE:EX; Karemaker, Kent GCPE:EX;
Beaupre, Darren GCPE:EX
Subject: Fwd: IN_LandslideFSJ_Oct5 2018_2pm
Brendan

Here is our IN. Let me know if this gives you what you need from
empr perspective.

Robin

Beaupre, Darren GCPE:EX

From: Platts, Robin GCPE:EX
Sent: Friday, October 5, 2018 3:46 PM
To: Phelps, Brendan GCPE:EX
Cc: Haslam, David GCPE:EX; Karemaker, Kent GCPE:EX; Beaupre, Darren GCPE:EX
Subject: Fwd: IN_LandslideFSJ_Oct5 2018_2pm
Attachments: IN_LandslideFSJ_Oct5 2018_2pm.docx

Brendan

Here is our IN. Let me know if this gives you what you need from empr perspective.

Robin

ADVICE TO MINISTER

<p style="text-align: center;">CONFIDENTIAL GCPE-MEMPR ISSUE NOTE</p> <p>Ministry of Energy, Mines and Petroleum Resources Date: Oct 5, 2018 Minister Responsible: Hon. Michelle Mungall</p>	<p style="text-align: center;">Gravel Pit – Landslide Fort St. John</p>
--	--

ADVICE AND RECOMMENDED RESPONSE:

s.13

KEY FACTS REGARDING THE ISSUE:

On Sept. 29, 2018, a landslide occurred above Old Fort Road near Fort St. John. The landslide damaged pavement and required the road to close. The Ministry of Transportation and Infrastructure alerted their stakeholders and initiated a geotechnical assessment.

s.13

ADVICE TO MINISTER

s.13

ADVICE TO MINISTER

s.13

Beaupre, Darren GCPE:EX

From: Haslam, David GCPE:EX
Sent: Monday, October 8, 2018 4:49 PM
To: Sanderson, Melissa EMPR:EX; Andrews, Scott EMPR:EX
Cc: Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Platts, Robin GCPE:EX
Subject: Fwd: IN_LandslideFSJ_Oct5 2018_2pm
Attachments: IN_LandslideFSJ_Oct5 2018_2pm.docx

IN as of Friday

ADVICE TO MINISTER

<p style="text-align: center;">CONFIDENTIAL GCPE-MEMPR ISSUE NOTE</p> <p>Ministry of Energy, Mines and Petroleum Resources Date: Oct 5, 2018 Minister Responsible: Hon. Michelle Mungall</p>	<p style="text-align: center;">Gravel Pit – Landslide Fort St. John</p>
--	--

ADVICE AND RECOMMENDED RESPONSE:

s.13

KEY FACTS REGARDING THE ISSUE:

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s.13

ADVICE TO MINISTER

s.13

ADVICE TO MINISTER

s.13

Beaupre, Darren GCPE:EX

From: Platts, Robin GCPE:EX
Sent: Tuesday, October 9, 2018 8:41 AM
To: Smith, Paula GCPE:EX
Cc: Beaupre, Darren GCPE:EX
Subject: FW: NG2552_Workplan_20181005.pdf
Attachments: NG2552_Workplan_20181005.pdf; ATT00001.htm

Now featuring attachment

From: Chace, Julie EMPR:EX
Sent: Saturday, October 6, 2018 1:44 PM
To: Robb, Peter L. EMPR:EX; Amann-Blake, Nathaniel EMPR:EX; Howe, Diane J EMPR:EX; Platts, Robin GCPE:EX; Hoffman, Al EMPR:EX
Subject: NG2552_Workplan_20181005.pdf

Work plan referenced in last email.



Northern Geo Testing & Engineering, a division of CCMET Inc.

HEAD OFFICE
8703 - 109th Street
Fort St. John, BC V1J 7C5
t 250.261.6615

TERRACE
201 - 4612 Greig Avenue
Terrace, BC V8G 1M9
t 250.641.1746

e info@northerngeo.ca
w northerngeo.ca

October 5, 2018
Project No. NG2552

Deasan Holdings Ltd.
Box 6958
Fort St. John, BC V1J 4J3

Attention: Sandy Beech, President

**Re: Workplan for Removal of Gravel Stockpiles from the Landslide Area
Old Blair Pit, Fort St. John, B.C.**

1.0 INTRODUCTION

Northern Geo Testing & Engineering (Northern Geo) presents this workplan for removal of the gravel stockpiles from the landslide area at the above-referenced location. This letter provides our proposed workplan to remove the existing material stockpiles on and along the impacted landslide areas. The intent of the letter is to ensure safety of the personnel involved in the operation is not compromised. The proposed plan in this letter is based on the discussions we had with the client during our site meeting on October 3, 2018 and subsequent correspondence on October 4, 2018.

2.0 VISUAL GEOTECHNICAL ASSESSMENT

Northern Geo visited the old Blair pit on October 3, 2018 to perform a visual geotechnical assessment at the impacted landslide areas. Based on the visual assessment, Northern Geo didn't observe indications to believe that an immediate failure could happen near the pit area. It is expected that the slope will creep, deform and settle prior to a large catastrophic failure. Performing a detailed geotechnical assessment would require reasonable time. Northern Geo recommends that the stockpile material should be removed from the landslide area to unload the slope as soon as practical. The client should be prepared to follow the proposed workplan, monitoring system and evacuation plan presented in this document.

3.0 PROPOSED PHASES TO REMOVE THE STOCKPILES

Based on our field observations and information provided by the client, Northern Geo proposes the following phases for removal of the existing gravel stockpiles:





3.1 Phase 1: Establishing a Ground Movement Monitoring Plan and an Evacuation Protocol

- Set up a benchmark at the upper bench. The location of the benchmark should be on an undisturbed area where no movement or settlement is expected.
- Set up multiple monitoring locations at the upper bench along the failed area, lower bench along the perimeter, 5 m below the lower bench along the perimeter, and 10 m below the lower bench along the perimeter. Northern Geo will be on site and provide instruction to the surveyors.
- Establish reference coordinate readings for all monitoring locations with respect the benchmark by a licensed surveyor. Monitoring locations were established on October 4, 2018. The reference coordinate reading at monitoring station is as shown in the attached monitoring station plan.
- Survey using RTK survey unit each monitoring location in 2-hour intervals during working periods by a licensed surveyor.
- Report the survey results to Northern Geo at the end of each working day shift and immediately if any movement greater than 50 mm is observed.
- Set up monitoring station for measuring precipitation intensity using rain gauge.
- Dedicate one person as an observation officer (with hand-held radio) to carefully monitor the side slopes and platform movement, review and track new cracks and openings every morning before the personnel could start work at the lower bench. The observation officer and surveyor should keep monitoring the slopes throughout the working day. The observation officer will be responsible for executing stop work order and should not be performing any other task, other than what is stated in this letter.
- All the personnel working at the site should have a radio, be on an appropriate channel and sign in with the observation officer.
- Northern Geo will perform periodic site visits and monitoring during the stockpile removal process. The frequency of the site visits will be at every 3 to 4 hours while the personnel are working.

3.1.1 Stop Work Set Parameter

The following should be considered as a stop work set parameters:

- Consider a 50 mm vertical and/or horizontal ground movement over a 4-hour monitoring period as stop work set parameter. As soon as the ground moves greater than 50 mm, all activities should immediately be stopped and the personnel should immediately evacuate the site and meet at a designated muster point.
- Consider a 50 mm rain accumulation and 5 cm of snow at any given time to a maximum of 24 hours period as stop work set parameter.

3.1.2 Trigger Action Response Plan

If there is a movement, precipitation, snowfall, greater than the set parameters, the following must be implemented immediately:

- Work must be stopped immediately by observation officer.



- All the personnel should evacuate the lower bench using either of the ramps to the upper bench and meet at a designated muster point.
- The observation officer should perform headcount.
- Observation officer should contact Northern Geo for further consultation before the personnel could return to work.
- If Northern Geo deems the site is unsafe for personnel to work, EMPR should be notified.

3.2 Phase 2: Removal of Stockpile 1 from the Upper Bench and Building Temporary Access Ramps to the Lower Bench

- Level and prepare access to the stockpiles 1 & 2 on the upper bench, as shown in photograph 1.

Photograph 1

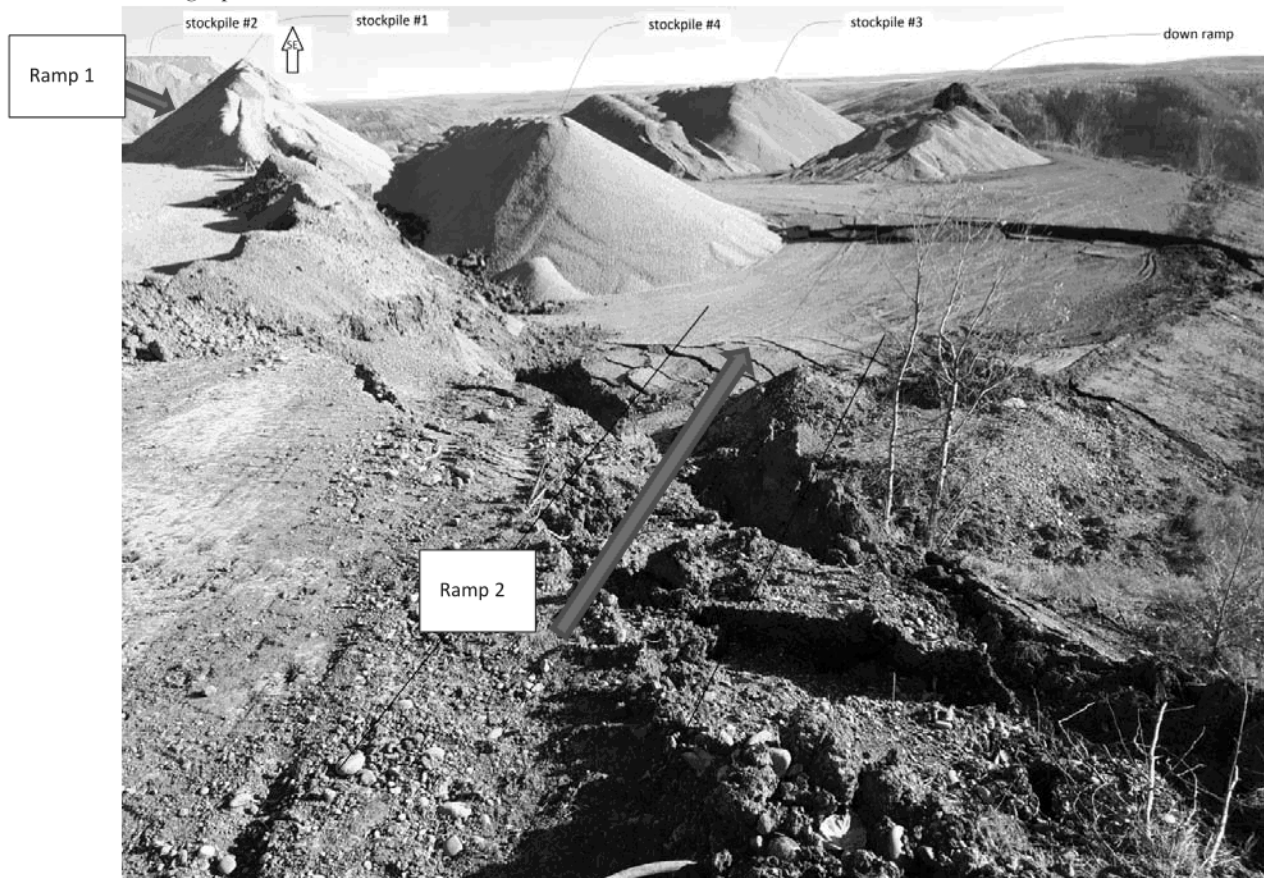


- Load and remove stockpile 1 from the upper bench.
- The material should preferably be removed off-site and should not be stockpiled on the upper bench. The material may temporarily be stockpiled near the entrance gate.
- Build ramp 1 and ramp 2 at the east and west sides of the pit area using clay fill without cutting into the upper bench, as shown in the photograph, to provide access to the lower bench.
- If there is a movement or precipitation greater than the set parameter, work must be stopped immediately, and all the personnel should evacuate the lower bench using either of the ramps to the upper bench and meet at a designated muster point. The observation officer should be



responsible for headcount. Northern Geo should then be contacted for further consultation before the personnel could return to work.

Photograph 2



3.3 Phase 3: Resurfacing the Lower Bench and Removal of all Stockpiles

- Resurface the lower bench to level and fill the cracks.
- No traffic should be allowed to the south edge of the lower bench once the resurfacing is complete.
- Load and remove all the stockpiles from the lower bench.
- Observation officer should monitor all the traffic on the lower bench and continually monitor the surface for any evidence of cracking, settlement, and visual indication of slope failure.
- If there is a movement or precipitation greater than the set parameters, work must be stopped immediately, and all the personnel should evacuate the lower bench using either of the ramps to the upper bench and meet at a designated muster point. The observation officer should be responsible for headcount. Northern Geo should then be contacted for further consultation before the personnel could return to work.

3.4 Phase 4: Removal of Stockpile 2

- Load and remove stockpile 2 from the upper bench.



- The material should preferably be removed off-site and should not be stockpiled on the upper bench. The material may temporarily be stockpiled near the entrance gate.

3.5 Phase 5: Reclamation Plan

Reclamation plan including surface water management, removal of the temporary ramps and sloping will be submitted following completion of the stockpiles are removed.

4.0 EQUIPMENT

The following equipment are only allowed to be used during removal of the stockpiles:

- One 988 loader
- One 980 loader
- Four 40 ton rock trucks
- Numerous belly-dumps, clam-dumps and box-trucks

At any given time, during the operation at lower bench, no more than 5 trucks and 2 loaders are allowed at the lower bench.

5.0 ADDITIONAL CONSIDERATION

The following additional steps must be followed during the stockpile removal process:

- Parking and idling should not be allowed at the lower bench or at the crest of the upper bench once the truck is loaded.
- All the equipment and fuel storage should be placed approximately 400 m north from the upper bench near the entrance gate when not in use.
- A minimum of two wheel chocks shall be used for all rubber tired equipment when parked.
- A berm with a minimum height of 1.2 m should be placed on each side of the ramps.
- The material should preferably be removed off-site and should not be stockpiled on the upper bench. The material may temporarily be stockpiled near the entrance gate, approximately 400 m away from the upper bench and stockpile size should not exceed more than 30 ton.
- The south side of the lower bench should be restricted using delineator and warning tape.
- The perimeter of the lower bench should have delineator and warning tape.
- Work shall not be completed outside daylight hours.
- Work shall be completed only under the supervision of Northern Geo.
- Work shall not be completed if cracks are obscured (eg. due to snow).

6.0 ESTIMATED TIMELINE

As per the information provided by the client, the proposed timeline for each phases are as follows:

- Phase 1 will be established in a day;
- Phase 2 will be completed in 1 to 2 days;
- Phase 3 will be completed in 5 to 7 days following completion of phase 2; and,
- Phase 4 will be completed in 20-24 days following completion of phase 3.

The timeline for phase 5 will be submitted once reclamation plan is completed.



7.0 CLOSURE

The workplan presented herein is merely based on the information provided by the client and our limited observations during the October 3, 2018 site visit. Northern Geo has neither carried out any detailed geotechnical assessment nor conducted a comprehensive slope stability evaluation. This document is just a workplan to help the client remove the stockpiled material to unload the landslide area without compromising safety of the working personnel and is essentially based on close monitoring of the slope movement and effective communication with the working personnel and following a strict evacuation protocol based on ground movement. Northern Geo should be contacted immediately if any movement greater than 50 mm is observed. The material in this report does not include any engineering recommendations. If conditions other than those discussed herein are noted or encountered during subsequent phases, Northern Geo should be given the opportunity to review and revise the workplan included in this letter, as necessary.

We appreciate the opportunity to be of service to you. If you have any questions regarding the contents of this report, or if we can be of further assistance to you on this project, please call our office.

Sincerely,

Northern Geo Testing & Engineering

A division of CCMET Inc.

Prepared By

Mohammed Hossain, EIT
Project Engineer

Reviewed By



October 5, 2018

Masoud Mohajeri, Ph.D., P. Eng., PMP
Specialist Geotechnical Engineer

Beaupre, Darren GCPE:EX

From: Haslam, David GCPE:EX
Sent: Tuesday, October 9, 2018 2:41 PM
To: Amann-Blake, Nathaniel EMPR:EX; Chace, Julie EMPR:EX
Cc: Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX
Subject: FW: Old Fort messaging
Attachments: IN Old Fort Road Landslide.docx

Nat/Julie – just learned Minister Mike Farnworth is going to visit the EOC tomorrow 10 am to 11 am. His com director asked if it's possible to have an EMPR staff on hand to brief him. What are your thoughts?

From: Haslam, David GCPE:EX
Sent: Tuesday, October 9, 2018 2:34 PM
To: Robins, Shawn GCPE:EX
Cc: Robb, Katie GCPE:EX; 'Sauer, Darwin'; Greg Alexis (Greg.Alexis@bchydro.com); Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX
Subject: Old Fort messaging

Shawn – as discussed attached is MoTI IN on Old Fort to support MMF tour of the EOC tomorrow 10 am to 11 am. BC Hydro coms is working on additional Site C landslide messaging. In addition to Katie Robb, I've included Darwin Saurer and Site C manager Greg Alexis as well so all in the loop. I'll reach out to EMPR staff to see if it's possible to provide MMF a technical briefing on at the EOC. Trust this helps - David

ADVICE TO MINISTER

CONFIDENTIAL ISSUES NOTE	Old Fort Road Landslide (near Fort St. John)
Ministry: Transportation and Infrastructure	
Date: October 9, 2018	
Minister Responsible: Claire Trevena	

ADVICE AND RECOMMENDED RESPONSE:

s.13

If asked, where did the landslide take place?

- The slide took place approximately 1 kilometre west of the Old Fort community, just south of Fort St. John.

If asked, what is the impact to the local community?

- There is now an evacuation order in effect for all residents in the area – an Emergency Social Services Reception Centre has been activated in Fort St. John at the Pomeroy Sports Centre.
- Old Fort Road has been damaged, and the road to the community is closed until the slide stops moving and the site is safe for crews to start repairs.
- The Peace River Regional District is providing frequent updates:
Website – <https://prrd.bc.ca/>
Facebook – <https://www.facebook.com/OfficialPRRD/>
- There are three impacted areas – the main original slide, the west slide, and the east area (totalling more than 6 million cubic metres).

If asked, what is the ministry doing to address this issue?

- We are working around the clock to find a solution – 24-hour traffic control and slide monitoring is in place.
- Ministry staff are working closely with the Peace River Regional District geotechnical professionals, and we are exploring possible options for road access to the community.
- We will continue to provide updates as more information becomes available.

s.13

BACKGROUND REGARDING THE ISSUE:

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately 1 kilometre west of the Old Fort community, which is just south of Fort St John.

A preliminary field and air assessment has been completed, and landslide specialists are on route. The slide continues to move and it could be several days before it stops. 24-hour traffic control and slide monitoring is in place.

The Old Fort Road has been damaged and the road to the community is closed until the site can be determined to be safe to allow crews to enter to start the repairs.

The Ministry is working with the Peace River Regional District (PRRD) to find suitable access options for the residents in the meantime.

There is now an evacuation order in effect for all residents in the area – an Emergency Social Services Reception Centre has been activated in Fort St. John at the Pomeroy Sports Centre.

Communications Contact:
Program Contact:

Brendan Phelps
Hali Davenport

250-387-8619
250-787-3310

ADVICE TO MINISTER

Minister's Office	Program Area	ADM	Comm. Dir
	HD		

Beaupre, Darren GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Wednesday, October 3, 2018 12:12 PM
To: Haslam, David GCPE:EX
Cc: Lowe, Sonia GCPE:EX
Subject: Old Fort Rd + Gravel Pit

Hi there,

Just off the phone with our Northern staff gaming out how best to coordinate spokespeople on site for Old Fort Rd. Scott Maxwell, our Regional Director up there, is happy to do it and I think it makes sense for MoTI to keep leading media response. Any objections? If no, would be helpful to have form you a few QA about the gravel pit (private) above Old Fort Rd to arm Scott with some info for future media requests.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

Beaupre, Darren GCPE:EX

From: Peace River Regional District <Kristen.Danczak@prrd.bc.ca>
Sent: Friday, October 12, 2018 6:33 PM
To: Smith, Paula GCPE:EX
Subject: Old Fort Landslide Video Message #7 - PRRD Emergency News

PRRD Emergency News

[View this email in your browser](#)



EMERGENCY NEWS

Old Fort Landslide Video Message #7

Oct 12 2018 6:10pm



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This email was sent to paula.smith@gov.bc.ca
[why did I get this?](#) [unsubscribe from this list](#) [update subscription preferences](#)
Peace River Regional District · Box 810 · Dawson Creek, Bc V1G 4H8 · Canada

Beaupre, Darren GCPE:EX

From: Turner, Jordan GCPE:EX
Sent: Monday, October 1, 2018 10:47 AM
To: Grewar, Colin GCPE:EX
Cc: Beaupre, Darren GCPE:EX; Haslam, David GCPE:EX; Williams, Susan GCPE:EX
Subject: RE: CKFU: Old Fort Rd landslide ■

Thank you for the clarification!

JT

From: Grewar, Colin GCPE:EX
Sent: October 1, 2018 10:46 AM
To: Turner, Jordan GCPE:EX
Cc: Beaupre, Darren GCPE:EX ; Haslam, David GCPE:EX
Subject: FW: CKFU: Old Fort Rd landslide ■

Hi Jordan: BC Hydro has confirmed that the gravel pit is not owned by BC Hydro or related to Site C. The gravel pit is owned by Blair's Sand and Gravel. (See attached photo)

BC Hydro is putting together a more fulsome issues note on this event along with some details about overall site stability that they expect to send through later today, and we will share it with you when received.

Colin



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Beaupre, Darren GCPE:EX
Sent: Monday, October 1, 2018 10:23 AM
To: Grewar, Colin GCPE:EX
Cc: Turner, Jordan GCPE:EX; Haslam, David GCPE:EX
Subject: RE: CKFU: Old Fort Rd landslide ■

Jordan, lines related to the landslide (as of yesterday) are below. Colin, can you look into latest with Greg and the details about the gravel pit for Jordan ? Thanks.

- BC Hydro is committed to safely and responsibly advancing the construction of the Site C project.
- We are aware of the landslide that took place above Old Fort Road late Saturday/early Sunday morning.
- There is no evidence at this time that the slide is related to Site C or any of the work taking place on the project.

- The slide location is off dam site and about 1 km past the Gate 'B' entrance to Site C.
- Operations at the project site have not been impacted and work is continuing as planned.
- For further information about the landslide, please contact the Ministry of Transportation of Transportation and Infrastructure (MoTI).

From: Turner, Jordan GCPE:EX
Sent: Monday, October 1, 2018 10:04 AM
To: Haslam, David GCPE:EX; Beaupre, Darren GCPE:EX
Subject: FW: CKFU: Old Fort Rd landslide 📎

Hi guys,

Do you know if this gravel pit has any connection to the Site C project?

Thanks,
JT

From: tno@gov.bc.ca [mailto:tno@gov.bc.ca]
Sent: October 1, 2018 7:19 AM
Subject: CKFU: Old Fort Rd landslide 📎

CKFU (Fort St John)

01-Oct-2018 06:00

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Beaupre, Darren GCPE:EX

From: Alexis, Greg <Greg.Alexis@bchydro.com>
Sent: Sunday, October 7, 2018 3:40 PM
To: Sanderson, Melissa EMPR:EX; Haslam, David GCPE:EX
Cc: Sauer, Darwin; Fish, Tanya; McEwan, Alicia; Grewar, Colin GCPE:EX
Subject: Old Fort update
Attachments: IMG_0656.PNG; ATT00001.txt

Melissa and David,

Not sure if you have heard but but the PRRD issued an evacuation order today for Old Fort. They also contacted the Site C project team and asked for permission to use our dock to help with the evacuation. We have provided them permission for access.

In terms of the project there are still no impacts and work continues at site as per usual.

We also issued the following tweets a few minutes ago.

Please let us know if you have any questions.

Thanks,

Greg

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-BCHydroDisclaimerID5.2.8.1541

DRS ENERGY SERVICES I

**PROPOSED AGGREGATE QUARRY
FOR SITE LOCATED WITHIN
DISTRICT LOT 1 PLAN 20464, LOT 1 PLA
AND LOT 2 PLAN PGP46594
ALL WITHIN SEC 19 TP 83 R 18 W6
PEACE RIVER DISTRICT
- SITE PLAN -**

BCGS: 94A.026 NTS: 094A02

1:2,906



Projection UTM Zone 10 NAD 83
Map to scale when plotted
on a page 280mm x 432mm (B size)

- Proposed_area
- 2:1 Slope
- 7m Setback
- Access
- Excavated Area
- Property Boundary

Contour Interval
Minor 2m
Major 10m

Project Name:
Client File:

Date: 2017/12/16



TRYON LAND SURVEYING LTD.
www.TryonGroup.ca

Fort St. John
250-262-0031

Beaupre, Darren GCPE:EX

From: Haslam, David GCPE:EX
Sent: Thursday, October 11, 2018 9:03 AM
To: Smith, Paula GCPE:EX
Cc: Beaupre, Darren GCPE:EX; Turner, Jordan GCPE:EX
Subject: Old Fort

Follow Up Flag: Follow up
Flag Status: Flagged

Morning Paula – can you please update our IN on this. Probably just needs an update in the background section. We'll need to liase with EMBC as well to get the latest and find out how the MMF tour went. I'd start with our program staff first and then reach out to EMBC's Jordan Turner. Thanks

The City of Fort St. John says it has issued an evacuation alert for part of the south sewage lagoons as a precautionary measure due to the Old Fort landslide. The alert covers the southern section of the lagoons, which includes two lagoon cells the city says are empty and dormant. One cell has been decommissioned entirely, while the other is only used for emergency storage capacity, the city says.

David Haslam
Communications Director
Ministry Energy, Mines and Petroleum Resources
250-361-7989

Beaupre, Darren GCPE:EX

From: Haslam, David GCPE:EX
Sent: Monday, October 8, 2018 1:32 PM
To: Fish, Tanya
Cc: Sauer, Darwin; Alexis, Greg; Karemaker, Kent GCPE:EX; Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX
Subject: Re: For review: Old Fort media response

Okay. FYI he came to us as well seeking info on the permit. Responded the matter is under investigation. Priority is safety of community and reopening the road.

Sent from my iPhone

On Oct 8, 2018, at 11:27 AM, Fish, Tanya <Tanya.Fish@bchydro.com> wrote:

Hi David - below are questions we received from Perrin at the Star Metro Vancouver re: Old Fort slide and our proposed response for your review.

Questions:

I noticed that the latest evacuation order includes the area right up to Security Gate B. This area, of course, includes a power line system that brings in electricity for Fort St. John. Is there a contingency plan for how that city will be brought power if the hillside becomes unstable enough that the power lines come down?

Does a more widely destabilized hillside in that area have any effect on how Site C will be operating (either in general or specifically on the east end of its north-river site)?

Proposed response:

We're continuing to monitor the situation at Old Fort and work closely with the Peace River Regional District (PRRD) and the Ministry of Transportation and Infrastructure. There are currently around 60 customers in Old Fort without power. Due to safety concerns, our crews are unable to access the site to make the repairs needed to restore power.

At this time, there is no concern for the city of Fort St. John as we do have two other power lines that feed the local substation that can be used to provide customers with power.

There continues to be no impact to Site C construction and work is continuing as planned. As of yesterday, we've provided the PRRD access to the boat launch at site to help with the evacuation of residents at their request.

Tanya Fish | Sr. Media Relations Advisor

BC Hydro

333 Dunsmuir St, 15th floor

Vancouver, BC V6B 5R3

P 604 623 3753

M 604 720 9797

E tanya.fish@bchydro.com

bchydro.com

Smart about power in all we do.

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Beaupre, Darren GCPE:EX

From: Smith, Paula GCPE:EX
Sent: Monday, October 1, 2018 11:09 AM
To: Grewar, Colin GCPE:EX
Subject: Re: FYI - Old Fort Rd landslide 📎

Thanks Colin:)

Sent from my iPhone

On Oct 1, 2018, at 10:57 AM, Grewar, Colin GCPE:EX <Colin.Grewar@gov.bc.ca> wrote:

Hi Paula and Kent: Please note messaging and information below (and attached photo) from BC Hydro on the landslide at Old Fort. We shared this with EMBC in response to their question about the gravel pit.

Colin

Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Grewar, Colin GCPE:EX
Sent: Monday, October 1, 2018 10:46 AM
To: Turner, Jordan GCPE:EX
Cc: Beaupre, Darren GCPE:EX; Haslam, David GCPE:EX
Subject: FW: CKFU: Old Fort Rd landslide 📎

Hi Jordan: BC Hydro has confirmed that the gravel pit is not owned by BC Hydro or related to Site C. The gravel pit is owned by Blair's Sand and Gravel. (See attached photo)

BC Hydro is putting together a more fulsome issues note on this event along with some details about overall site stability that they expect to send through later today, and we will share it with you when received.

Colin

Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Beaupre, Darren GCPE:EX
Sent: Monday, October 1, 2018 10:23 AM
To: Grewar, Colin GCPE:EX
Cc: Turner, Jordan GCPE:EX; Haslam, David GCPE:EX
Subject: RE: CKFU: Old Fort Rd landslide 📎

Jordan, lines related to the landslide (as of yesterday) are below. Colin, can you look into latest with Greg and the details about the gravel pit for Jordan? Thanks.

- BC Hydro is committed to safely and responsibly advancing the construction of the Site C project.
- We are aware of the landslide that took place above Old Fort Road late Saturday/early Sunday morning.
- There is no evidence at this time that the slide is related to Site C or any of the work taking place on the project.

- The slide location is off dam site and about 1 km past the Gate 'B' entrance to Site C.
 - Operations at the project site have not been impacted and work is continuing as planned.
 - For further information about the landslide, please contact the Ministry of Transportation of Transportation and Infrastructure (MoTI).
-

From: Turner, Jordan GCPE:EX

Sent: Monday, October 1, 2018 10:04 AM

To: Haslam, David GCPE:EX; Beaupre, Darren GCPE:EX

Subject: FW: CKFU: Old Fort Rd landslide ■

Hi guys,

Do you know if this gravel pit has any connection to the Site C project?

Thanks,

JT

From: tno@gov.bc.ca [<mailto:tno@gov.bc.ca>]

Sent: October 1, 2018 7:19 AM

Subject: CKFU: Old Fort Rd landslide ■

CKFU (Fort St John)

01-Oct-2018 06:00

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Beaupre, Darren GCPE:EX

From: Haslam, David GCPE:EX
Sent: Monday, October 1, 2018 11:28 AM
To: Sanderson, Melissa EMPR:EX
Cc: Sauer, Darwin
Subject: Re: global news re: landslide near site c

Not yet. There's update to the km's that specifically say not related to something yet c. Stand by.

Sent from my iPhone

On Oct 1, 2018, at 11:20 AM, Sanderson, Melissa EMPR:EX <Melissa.Sanderson@gov.bc.ca> wrote:

Do you have a formal note yet? Or should I just cut and paste to KM's to send to PO?

From: Sauer, Darwin [<mailto:Darwin.Sauer@bchydro.com>]
Sent: Sunday, September 30, 2018 7:22 PM
To: Sanderson, Melissa EMPR:EX
Cc: Haslam, David GCPE:EX
Subject: Fwd: global news re: landslide near site c
Sent from my iPhone

Begin forwarded message:

From: "Alexis, Greg" <Greg.Alexis@bchydro.com>
Date: September 30, 2018 at 12:54:50 PM PDT
To: "Haslam, David GCPE:EX" <David.Haslam@gov.bc.ca>, "Karemaker, Kent GCPE:EX" <Kent.Karemaker@gov.bc.ca>
Cc: "Beaupre, Darren GCPE:EX" <Darren.Beaupre@gov.bc.ca>, "Sauer, Darwin" <Darwin.Sauer@bchydro.com>, "Zadravec, Don GCPE:EX" <Don.Zadravec@gov.bc.ca>, "Robb, Katie GCPE:EX" <Katie.Robb@gov.bc.ca>
Subject: RE: global news re: landslide near site c

Please find below our messaging in relation to Site C.

- BC Hydro is committed to safely and responsibly advancing the construction of the Site C project.
- We are aware of the landslide that took place above Old Fort Road late Saturday/early Sunday morning.
- There is no evidence at this time that the slide is related to Site C or any of the work taking place on the project.
- The slide location is off dam site and about 1 km past the Gate 'B' entrance to Site C.
- Operations at the project site have not been impacted and work is continuing as

planned.

- For further information about the landslide, please contact the Ministry of Transportation of Transportation and Infrastructure (MoTI).

-----Original Message-----

From: Haslam, David GCPE:EX [<mailto:David.Haslam@gov.bc.ca>]

Sent: 2018, September 30 12:44 PM

To: Karemaker, Kent GCPE:EX

Cc: Beaupre, Darren GCPE:EX; Sauer, Darwin; Alexis, Greg; Zadavec, Don GCPE:EX; Robb, Katie GCPE:EX

Subject: Re: global news re: landslide near site c

Response will come from bch or MOTI. Bch coms is working on facts and messaging. Stay tuned. Including bch com Katie and don z.

Sent from my iPhone

On Sep 30, 2018, at 12:36 PM, Karemaker, Kent GCPE:EX

<Kent.Karemaker@gov.bc.ca<<mailto:Kent.Karemaker@gov.bc.ca>>> wrote:

Hey guys,

Media request below.. Karn thinks it might be better coming from us? Wouldn't this be environment? If us, any idea who best to go to for info on a Sunday?

Thanks!

Kent

Sent from my iPhone

Begin forwarded message:

From: Kristen Robinson

<Kristen.Robinson@globalnews.ca<<mailto:Kristen.Robinson@globalnews.ca>>>

Date: September 30, 2018 at 11:47:55 AM PDT

To: "Kent.Karemaker@gov.bc.ca<<mailto:Kent.Karemaker@gov.bc.ca>>"

<Kent.Karemaker@gov.bc.ca<<mailto:Kent.Karemaker@gov.bc.ca>>>

Subject: global news re: landslide near site c

Hi Kent,

The environment ministry suggested you might be the better contact for this request...

We are looking for any information on a landslide on Old Fort Road near the Site C dam construction site.

The local road maintenance company has posted this on Facebook but we are hoping for some details on what happened from the ministry:

YRB North Peace Ltd.<https://www.facebook.com/yrbnorthpeace/?_tn_=-kC-R&eid=ARChYI3vRqF6hCW2GtGhb0RLKyNnRSQGe-9GxAU6SYQpqEBOpxgH3zIYOde2dEXwTGd0q3Q3nn-BcXat&hc_ref=ARRF_ON4DXCJ3ptbjDmUjHSH02UaqH3CjQDIloRTDTIHilqVxVanfjxqJZ-3MHMzqFk&fref=nf&_xts_%5B0%5D=68.ARACPeZaznjjWKOvehO4q9Kd5sJjtdpnT11d1OULT3mdXg66NY_mHhuDsMnzuXycinCjvClaSJriC7X4TBeOS0jSJ9IN5k11aQjWVpkgM_INPdRFe3n1Jk1BEIWra79cZtyOPTfO-QIZoEKgDxVv_QEbFJQtzX2rXVuD4lwFekvpC72uUv1E>
2

hrs<https://www.facebook.com/yrbnorthpeace/posts/754469984893970?_xts_%5B0%5D=68.ARACPeZaznjjWKOvehO4q9Kd5sJjtdpnT11d1OULT3mdXg66NY_mHhuDsMnzuXycinCjvClaSJriC7X4TBeOS0jSJ9IN5k11aQjWVpkgM_INPdRFe3n1Jk1BEIWra79cZtyOPTfO-QIZoEKgDxVv_QEbFJQtzX2rXVuD4lwFekvpC72uUv1E&_tn_=-R> ·

The Old Fort Road is currently closed due to a landslide just past the entrance to Site C. Please stay clear of the area as the slide is still active. Residents of the Old Fort will not be able to get to or from their residences until further notice. If there is an emergency please contact the RCMP or YRB and if you have any questions please contact YRB. We will keep information coming as we have it. Thank you

Please send us any info. when you have it.

Thanks,

Kristen Robinson

Global News, a division of Corus Entertainment Inc.

C: 604.561.8840

E: kristen.robinson@globalnews.ca<<mailto:kristen.robinson@globalnews.ca>>

T: @KRobNews1

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Beaupre, Darren GCPE:EX

From: Sauer, Darwin <Darwin.Sauer@bchydro.com>
Sent: Monday, October 1, 2018 11:28 AM
To: Sanderson, Melissa EMPR:EX
Cc: Haslam, David GCPE:EX
Subject: RE: global news re: landslide near site c

Have one completed just need to add a question around history of slides in the area. Should be 20 mins.

Thanks

From: Sanderson, Melissa EMPR:EX [mailto:Melissa.Sanderson@gov.bc.ca]
Sent: 2018, October 01 11:21 AM
To: Sauer, Darwin
Cc: Haslam, David GCPE:EX
Subject: RE: global news re: landslide near site c

Do you have a formal note yet? Or should I just cut and paste to KM's to send to PO?

From: Sauer, Darwin [mailto:Darwin.Sauer@bchydro.com]
Sent: Sunday, September 30, 2018 7:22 PM
To: Sanderson, Melissa EMPR:EX
Cc: Haslam, David GCPE:EX
Subject: Fwd: global news re: landslide near site c

Sent from my iPhone

Begin forwarded message:

From: "Alexis, Greg" <Greg.Alexis@bchydro.com>
Date: September 30, 2018 at 12:54:50 PM PDT
To: "Haslam, David GCPE:EX" <David.Haslam@gov.bc.ca>, "Karemaker, Kent GCPE:EX" <Kent.Karemaker@gov.bc.ca>
Cc: "Beaupre, Darren GCPE:EX" <Darren.Beaupre@gov.bc.ca>, "Sauer, Darwin" <Darwin.Sauer@bchydro.com>, "Zadravec, Don GCPE:EX" <Don.Zadravec@gov.bc.ca>, "Robb, Katie GCPE:EX" <Katie.Robb@gov.bc.ca>
Subject: RE: global news re: landslide near site c

Please find below our messaging in relation to Site C.

- BC Hydro is committed to safely and responsibly advancing the construction of the Site C project.
- We are aware of the landslide that took place above Old Fort Road late Saturday/early Sunday morning.

- There is no evidence at this time that the slide is related to Site C or any of the work taking place on the project.
- The slide location is off dam site and about 1 km past the Gate 'B' entrance to Site C.
- Operations at the project site have not been impacted and work is continuing as planned.
- For further information about the landslide, please contact the Ministry of Transportation of Transportation and Infrastructure (MoTI).

-----Original Message-----

From: Haslam, David GCPE:EX [<mailto:David.Haslam@gov.bc.ca>]

Sent: 2018, September 30 12:44 PM

To: Karemaker, Kent GCPE:EX

Cc: Beaupre, Darren GCPE:EX; Sauer, Darwin; Alexis, Greg; Zadavec, Don GCPE:EX; Robb, Katie GCPE:EX

Subject: Re: global news re: landslide near site c

Response will come from bch or MOTI. Bch coms is working on facts and messaging. Stay tuned. Including bch com Katie and don z.

Sent from my iPhone

On Sep 30, 2018, at 12:36 PM, Karemaker, Kent GCPE:EX

<Kent.Karemaker@gov.bc.ca<<mailto:Kent.Karemaker@gov.bc.ca>>> wrote:

Hey guys,

Media request below.. Karn thinks it might be better coming from us? Wouldn't this be environment? If us, any idea who best to go to for info on a Sunday?

Thanks!

Kent

Sent from my iPhone

Begin forwarded message:

From: Kristen Robinson

<Kristen.Robinson@globalnews.ca<<mailto:Kristen.Robinson@globalnews.ca>>>

Date: September 30, 2018 at 11:47:55 AM PDT

To: "Kent.Karemaker@gov.bc.ca<<mailto:Kent.Karemaker@gov.bc.ca>>"

<Kent.Karemaker@gov.bc.ca<<mailto:Kent.Karemaker@gov.bc.ca>>>

Subject: global news re: landslide near site c

Hi Kent,

The environment ministry suggested you might be the better contact for this request...

We are looking for any information on a landslide on Old Fort Road near the Site C dam construction site.

The local road maintenance company has posted this on Facebook but we are hoping for some details on what happened from the ministry:

YRB North Peace Ltd.<

The Old Fort Road is currently closed due to a landslide just past the entrance to Site C. Please stay clear of the area as the slide is still active. Residents of the Old Fort will not be able to get to or from their residences until further notice. If there is an emergency please contact the RCMP or YRB and if you have any questions please contact YRB. We will keep information coming as we have it. Thank you

Please send us any info. when you have it.

Thanks,

Kristen Robinson
Global News, a division of Corus Entertainment Inc.
C: 604.561.8840
E: kristen.robinson@globalnews.ca<<mailto:kristen.robinson@globalnews.ca>>
T: @KRobNews1

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Beaupre, Darren GCPE:EX

From: Haslam, David GCPE:EX
Sent: Monday, October 1, 2018 10:52 AM
To: Pooley, Adrian EMPR:EX
Cc: Constable, Lowell EMPR:EX; Hoffman, Al EMPR:EX; Demchuk, Tania EMPR:EX; Smith, Paula GCPE:EX; Grewar, Colin GCPE:EX; Beaupre, Darren GCPE:EX
Subject: Re: Deasan Holdings Ltd-Advice of Geotechnical Incident Sept 30 2018

Noted. Paula. Work with colin on this. It's sitec related.

Sent from my iPhone

> On Oct 1, 2018, at 9:28 AM, Pooley, Adrian EMPR:EX <Adrian.Pooley@gov.bc.ca> wrote:

>

> Hi,

>

> Attached is the geotechnical report for a slide near Fort St John. It has damaged the road below, cutting off access to Old Fort neighborhood. The slide has made the news. The mine manager is trying to get a geotechnical engineer to assess the damage.

>

> <https://www.alaskahighwaynews.ca/fort-st-john/landslide-closes-old-for>

> t-road-1.23447398

>

>

> Adrian Pooley, P. Eng.

> Inspector of Mines – Health & Safety

> BC Ministry of Energy, Mines & Petroleum Resources

> Phone: 250-565-6046

> Cell: 250-640-6190

> email: adrian.pooley@gov.bc.ca

>

>

>

> From: Meade, Laurie EMPR:EX

> Sent: Sunday, September 30, 2018 11:01 AM

> To: Bailey, Kristopher W EMPR:EX; Pooley, Adrian EMPR:EX

> Subject: Fwd: Deasan Holdings Ltd-Advice of Geotechnical Incident Sept

> 30 2018

>

> They are going to retain an engineer to advise them on root cause.

> Please one of you follow up Thanks Laurie Meade Sr. Inspector of Mines

> H&S

> 250-614-9592

>

> Sent from my iPhone

>

> Begin forwarded message:

> From: "Tammy Beech" <Tammy@drsenergy.ca<<mailto:Tammy@drsenergy.ca>>>

> To: "Meade, Laurie EMPR:EX"

> <Laurie.Meade@gov.bc.ca<<mailto:Laurie.Meade@gov.bc.ca>>>
> Cc: "Sandy Beech" <sandy@drsenergy.ca<<mailto:sandy@drsenergy.ca>>>
> Subject: Deasan Holdings Ltd-Advice of Geotechnical Incident Sept 30
> 2018 Laurie
>
> As per Sandy's request please find attached Advice of Geotechnical Incident.
>
> Thank you,
>
>
> Tammy Beech
> Office Administrator
> [DRS Logo]
> Box 6958
> Fort St John, B.C. V1J 4J3
> Phone:250-785-8003
> Fax: 250-785-8009
> Email: tammy@drsenergy.ca<<mailto:tammy@drsenergy.ca>>
>
> <Advice of Geotechnical Incident-Deasan Holdings Ltd Sept 30 2018.pdf>

Ministry of Energy, Mines and Natural Gas

ADVICE OF GEOTECHNICAL INCIDENT

PART A: To be completed by mine management to document geotechnical incidents.

APPLICABILITY OF THIS FORM

This form applies to any geotechnical incident classified as a dangerous occurrence or to any geotechnical incident that requires changes to an existing standard operating procedure or the creation of a site-specific safe work plan. In addition, any multi-bench pit slope failure, spoil failure resulting in full loss of the crest berm, or dam embankment instability (regardless of size) is to be documented on this form. This form is not intended for single bench failures fully captured by catchment berms or for "sliver" failures on spoils not resulting in a dangerous occurrence.

GENERAL INFORMATION

Name of Mine: Deasan Holdings Ltd Permit Number: G-9-357
Mining Company: Deasan Holdings Ltd Location: Lat 56.21473 N
Manager: Sandy Beech Long -120.83890W
Appropriate Contact: Sandy Beech
Phone: 250-793-7767 Phone: 250 793-7767

Part of Mine Involved/Affected: south slope

Date of Event: Sept 30, 2018 Probable Time: 10:30 PM Sept 29/18

Summary of Incident: Southern stockpile area on property dropped approx 40 feet

Type of slope: [] Pit Wall [] Waste Rock Spoil [] Dam Embankment [] U/G Rockfall [x] Other Pit Floor

DETAILS OF EVENT

Potential triggers (weather, mining activity, etc.): unknown @ this time

Volume or Mass Involved / Type of Material: Approx 80,000 tonne / 1" crush & 2" crush screened sand

Description of Incident (include likely failure mechanism, run-out distance, slope height, and pre/post failure slope angle): Pit floor dropped approx 40 feet

Damage or Consequences: above noted 80,000 tonne of material is now 40 feet lower

Immediate (Short-term) Actions Taken by Mine: moved any nearby equipment off pad area, notified ministry and attempting to contact geotechnical engineer

ADVICE OF GEOTECHNICAL INCIDENT OR UNUSUAL OCCURRENCE

PART B: To be completed by mine management to document follow-up actions.

Date / Time of Incident (if Part B not submitted at same time as Part A): _____ / _____

Follow-up actions by in-house geotechnical personnel: _____

Has this incident been discussed with / reviewed by a geotechnical consultant? _____

Follow-up actions recommended by geotechnical consultant (if applicable): _____

Any required changes to standard operating procedures? _____

Any site-specific safe work plan(s) required? _____

Report from mine (including plans and section) or other attachments?

1.) _____

2.) _____

3.) _____

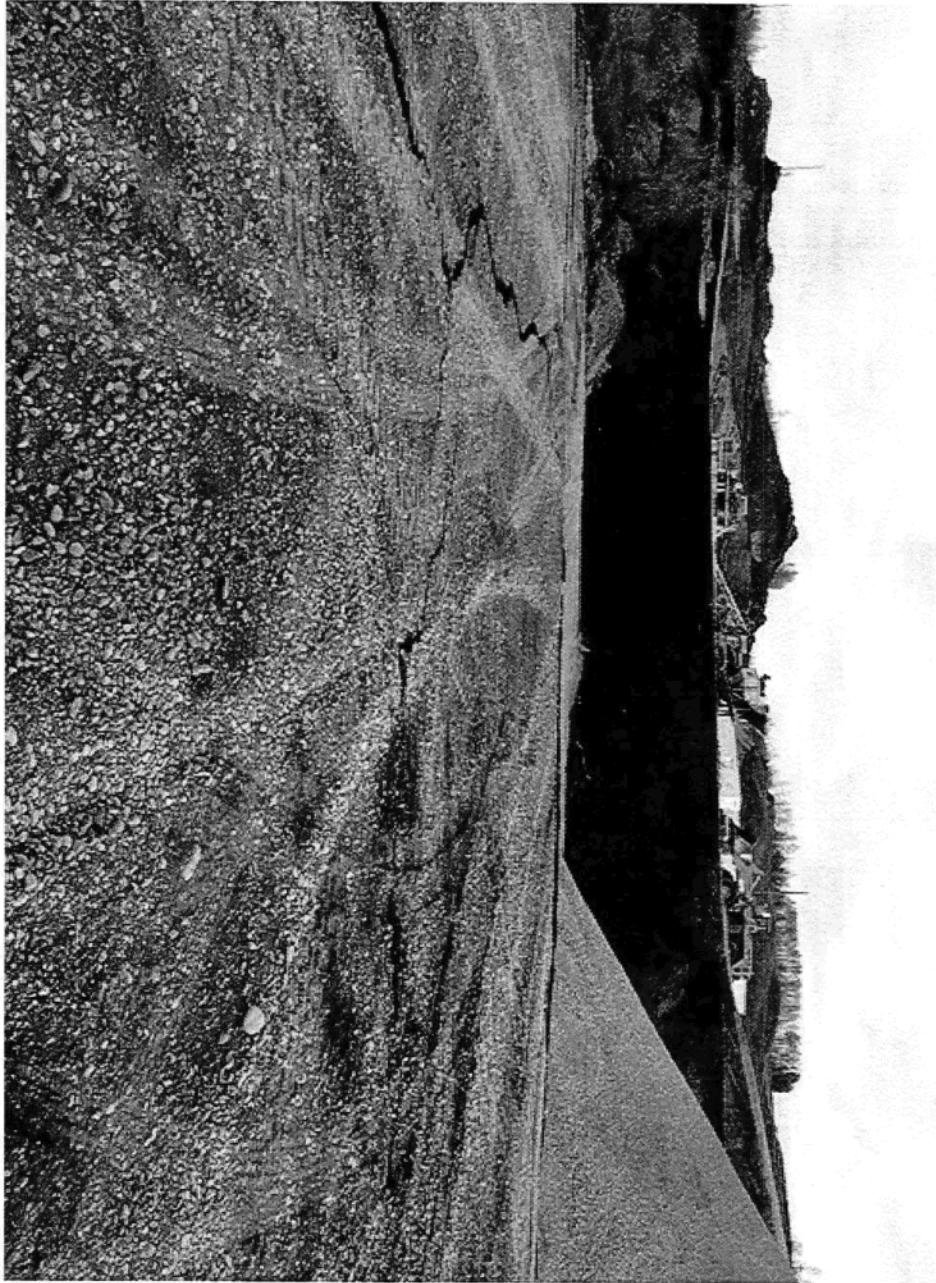
Items to be forwarded at a future date / expected date of submission?

1.) _____ / _____

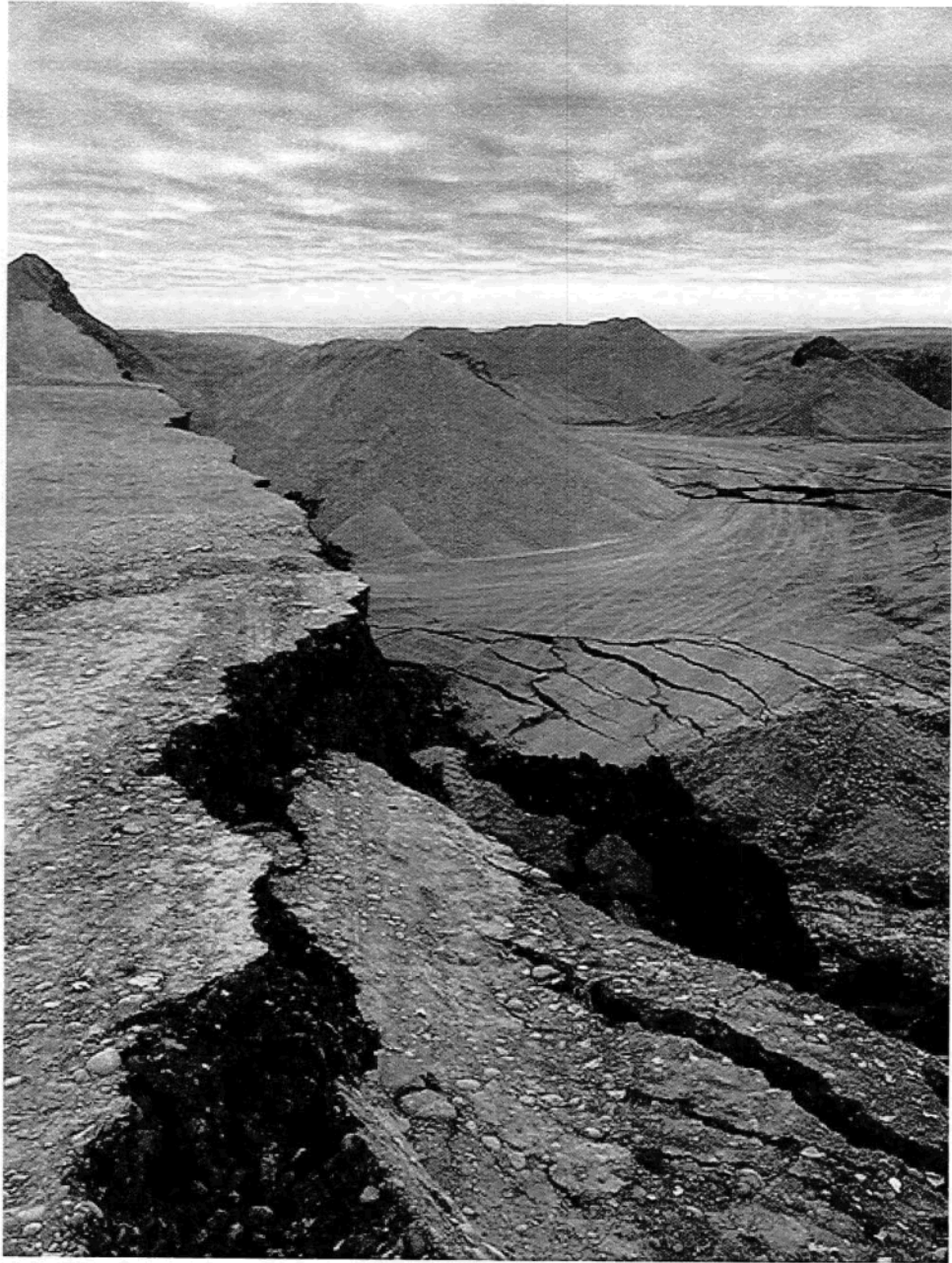
2.) _____ / _____

3.) _____ / _____

Additional Comments: Have been attempting to contact geotechnical
engineer however have not reached anyone as of yet
being Sunday September 30th 2018







Beaupre, Darren GCPE:EX

From: Haslam, David GCPE:EX
Sent: Sunday, October 7, 2018 5:53 PM
To: Amann-Blake, Nathaniel EMPR:EX
Cc: Sanderson, Melissa EMPR:EX; Nikolejsin, Dave EMPR:EX; Robb, Peter L. EMPR:EX; Hoffman, Al EMPR:EX; Chace, Julie EMPR:EX
Subject: Re: Evacuation Order for ALL properties in Old Fort

Thx Nate.

Sent from my iPhone

> On Oct 7, 2018, at 4:12 PM, Amann-Blake, Nathaniel EMPR:EX <Nathaniel.Amann-Blake@gov.bc.ca> wrote:

>

> Hi Melissa,

>

> Update below re evacuation. Will provide more information as it is available.

>

> Nate

>

> Begin forwarded message:

>

> From: "Pooley, Adrian EMPR:EX"

> <Adrian.Pooley@gov.bc.ca<mailto:Adrian.Pooley@gov.bc.ca>>

> To: "Meade, Laurie EMPR:EX"

> <Laurie.Meade@gov.bc.ca<mailto:Laurie.Meade@gov.bc.ca>>, "Cullen,

> Heather J EMPR:EX"

> <Heather.Cullen@gov.bc.ca<mailto:Heather.Cullen@gov.bc.ca>>, "Chace,

> Julie EMPR:EX" <Julie.Chace@gov.bc.ca<mailto:Julie.Chace@gov.bc.ca>>,>

> "Brash, Jennifer EMPR:EX"

> <Jennifer.Brash@gov.bc.ca<mailto:Jennifer.Brash@gov.bc.ca>>,>

> "Constable, Lowell EMPR:EX"

> <Lowell.Constable@gov.bc.ca<mailto:Lowell.Constable@gov.bc.ca>>,>

> "Koyanagi, Victor EMPR:EX"

> <Victor.Koyanagi@gov.bc.ca<mailto:Victor.Koyanagi@gov.bc.ca>>,>

> "Hoffman, Al EMPR:EX"

> <Al.Hoffman@gov.bc.ca<mailto:Al.Hoffman@gov.bc.ca>>

> Subject: Fwd: Evacuation Order for ALL properties in Old Fort

>

> Hi,

>

> The entire community of Old Fort is now under an evacuation order. Engineers acting on behalf of the Regional District have determined that the slope above the community cannot be declared safe. The gravel pit has experienced minimal movement while other parts of the slope are moving 1-2 m per day.

>

> Let me know if there are any questions. Thanks,

>

> Adrian Pooley, P. Eng.

> Inspector of Mines – Health & Safety

> BC Ministry of Energy, Mines & Petroleum Resources
> Phone: 250-565-6046<tel:250-565-6046>
> Cell: 250<tel:250-640-6190>-640-6190<tel:250-640-6190>
> email: adrian.pooley@gov.bc.ca<mailto:adrian.pooley@gov.bc.ca>
>
> Begin forwarded message:
>
> From: "Deborah Jones-Middleton"
> <Deborah.Jones-Middleton@prrd.bc.ca<mailto:Deborah.Jones-Middleton@prrd.bc.ca>>
> To: "Adams, Amelia TRAN:EX"
> <Amelia.Adams@gov.bc.ca<mailto:Amelia.Adams@gov.bc.ca>>, "Davenport,
> Hali N TRAN:EX"
> <Hali.Davenport@gov.bc.ca<mailto:Hali.Davenport@gov.bc.ca>>, "Case,
> Brent A TRAN:EX" <Brent.Case@gov.bc.ca<mailto:Brent.Case@gov.bc.ca>>,
> "Pooley, Adrian EMPR:EX"
> <Adrian.Pooley@gov.bc.ca<mailto:Adrian.Pooley@gov.bc.ca>>, "davide"
> <edward.shuster@bchydro.com<mailto:edward.shuster@bchydro.com>:>,
> "Edward Shuster - BC Hydro
> (edward.shuster@bchydro.com<mailto:edward.shuster@bchydro.com>)"
> <edward.shuster@bchydro.com<mailto:edward.shuster@bchydro.com>>,
> "Davide.loro@telus.com<mailto:Davide.loro@telus.com>"
> <Davide.loro@telus.com<mailto:Davide.loro@telus.com>>, "Colin
> (colin.runacres@telus.com<mailto:colin.runacres@telus.com>)"
> <colin.runacres@telus.com<mailto:colin.runacres@telus.com>>, "Rodney
> Hafner (rodney@yrb.ca<mailto:rodney@yrb.ca>)"
> <rodney@yrb.ca<mailto:rodney@yrb.ca>>
> Cc: "Bennett, Crissy EMBC:EX"
> <Crissy.Bennett@gov.bc.ca<mailto:Crissy.Bennett@gov.bc.ca>>,
> "Alexander, Debbie A EMBC:EX"
> <Debbie.Alexander@gov.bc.ca<mailto:Debbie.Alexander@gov.bc.ca>>
> Subject: Evacuation Order for ALL properties in Old Fort
>
> Good afternoon
>
> Attached please find the Evacuation Order issued today at 12:15 pm. This Order is for ALL properties in the Old Fort
Subdivision. RCMP and Search and Rescue will be expediting this order immediately.
>
> If you have any questions please contact us at 250 784-3200.
>
>
> Trish Morgan, Deputy EOC Director
> Tel: 250 784-4831 Cell: 250 219-3000
> EOC.DeputyDir@prrd.bc.ca<mailto:EOC.DeputyDir@prrd.bc.ca>
>
>
> [https://external.fyvr1-1.fna.fbcdn.net/safe_image.php?d=AQBScLhfh-_ljTmO&w=540&h=282&url=https%3A%2F%2Fprrd.bc.ca%2Fwp-content%2Fuploads%2FGetOutAndVote-01-700x400.jpg&cfs=1&upscale=1&fallback=news_d_placeholder_publisher&nc_hash=AQCYXt4KBexJVzq]
> [fb]<<https://www.facebook.com/Peace-River-Regional-District-Official-Page-205166546170683/timeline/>>PEACE RIVER REGIONAL DISTRICT | Box 810,

> 1981 Alaska Highway, Dawson Creek, BC V1G 4H8 Toll Free: (24 hrs):

> 1-800-670-7773 | Office: 250-784-3200 | Fax: 250-784-3201 |

> www.prrd.bc.ca<<http://www.prrd.bc.ca/>>

> [cid:image001.jpg@01D0FB95.00F59DE0]<<http://www.prrd.bc.ca/>>

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>

> <Evacuation ORDER 5 Old Fort Landslide October 7 2018 with map.pdf>

Beaupre, Darren GCPE:EX

From: Haslam, David GCPE:EX
Sent: Monday, October 1, 2018 11:29 AM
To: Pope, Danielle GCPE:EX
Cc: Alexis, Greg; Bowness, Lianne GCPE:EX; Phelps, Brendan GCPE:EX
Subject: Re: Follow up - Site C

Bch

Sent from my iPhone

> On Oct 1, 2018, at 11:15 AM, Pope, Danielle GCPE:EX <Danielle.Pope@gov.bc.ca> wrote:

>

> Hi David -- sorry to be redundant here: we have reporters specifically asking about the connection to Site C, and if it's the cause. I noted in your message yesterday (below) that it answers this. Are we telling everyone to head to BC Hydro for response on this, or is Energy and Mines answering any of this?

>

> Thanks,
> Danielle

>

>

>> On Sep 30, 2018, at 12:55 PM, Alexis, Greg <Greg.Alexis@bchydro.com<<mailto:Greg.Alexis@bchydro.com>>> wrote:

>>

>> Please find below our messaging in relation to Site C.

>>

>>

>> • BC Hydro is committed to safely and responsibly advancing the construction of the Site C project.

>>

>> • We are aware of the landslide that took place above Old Fort Road late Saturday/early Sunday morning.

>>

>> • There is no evidence at this time that the slide is related to Site C or any of the work taking place on the project.

>>

>> • The slide location is off dam site and about 1 km past the Gate 'B' entrance to Site C.

>>

>> • Operations at the project site have not been impacted and work is continuing as planned.

>>

>> • For further information about the landslide, please contact the Ministry of Transportation and Infrastructure (MoTI).

Beaupre, Darren GCPE:EX

From: Haslam, David GCPE:EX
Sent: Monday, October 1, 2018 4:58 PM
To: Sanderson, Melissa EMPR:EX
Cc: Karemaker, Kent GCPE:EX; Andrews, Scott EMPR:EX; Beaupre, Darren GCPE:EX
Subject: Re: FOR REVIEW: MEDIA REQUEST: Landslide near Site C - added bullet

Fine with me. Send away.

Sent from my iPhone

On Oct 1, 2018, at 4:36 PM, Sanderson, Melissa EMPR:EX <Melissa.Sanderson@gov.bc.ca> wrote:

1) Was BC Hydro monitoring the former gravel pit -- at the top of the hill that collapsed -- that had been repurposed as a stockpile site for Site C? Local residents report stockpiled materials piled up at the pit before the slide.

- The gravel pit is not related to the Site C project.
- The facility was not used to store Site C materials.

2) Will there be an independent safety review of the Site C project given this slide and other geotechnical issues and the fact that BC Hydro recently announced that the dam will be built on shale rather than bedrock?

There is no evidence to suggest the slide was related to the project.

- BC Hydro has conducted extensive engineering studies into the geology of the project area – including the dam site – for decades.
- The issue of historical slides in the area is well documented and its being addressed by BC Hydro with the excavations and stabilization measures that have been taking place at site since construction started in 2015.
- For example, BC Hydro has removed over 11 million of cubic metres of overburden materials on the north bank to create a stable slope for the dam.
- On the south bank, BC Hydro has incorporated into the design a concrete buttress that will be placed under the spillway and generating station for increased stability and seismic protection.
- Further, the presence of shale bedrock is well documented in the project's environmental impact statement.
- This was reviewed by the Site C Joint Review Panel and later approved by the provincial and federal governments in 2014.
- Building hydro-electric dams on shale bedrock is not uncommon.
- The environmental impact statement for Site C identified 16 other earthfill dams around the world that were built on similar bedrock.

From: Haslam, David GCPE:EX
Sent: Monday, October 1, 2018 4:07 PM
To: Karemaker, Kent GCPE:EX; Sanderson, Melissa EMPR:EX
Cc: Andrews, Scott EMPR:EX; Beaupre, Darren GCPE:EX
Subject: RE: FOR REVIEW: MEDIA REQUEST: Landslide near Site C

Left you a voice mail after discussing with Darwin. He believes it's best for government to respond because the question is whether government will do a review. I agree. Now recommend we respond.

From: Haslam, David GCPE:EX
Sent: Monday, October 1, 2018 3:42 PM
To: Karemaker, Kent GCPE:EX; Sanderson, Melissa EMPR:EX

Cc: Andrews, Scott EMPR:EX; Beaupre, Darren GCPE:EX
Subject: RE: FOR REVIEW: MEDIA REQUEST: Landslide near Site C
Melissa. Apologies for the confusion. I recommend BCH take this request.

From: Karemaker, Kent GCPE:EX
Sent: Monday, October 1, 2018 3:29 PM
To: Sanderson, Melissa EMPR:EX
Cc: Andrews, Scott EMPR:EX; Beaupre, Darren GCPE:EX; Haslam, David GCPE:EX
Subject: FOR REVIEW: MEDIA REQUEST: Landslide near Site C

Hello Melissa,
Media request below is for your review. The responses come from Greg at BC Hydro.
Thanks!

Kent Karemaker | Media Relations
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Telephone: 250-886-5400
Kent.Karemaker@gov.bc.ca

Reporter: Sarah Cox, The Narwhal (formerly DeSmog)

Deadline: Monday, October 1, 2018 3:00 PM

Request: I'm working on a story about the on-going landslide near the town of Old Fort, near an entranceway to the Site C dam worksite, and have a few questions for the ministry.

- 1) Was BC Hydro monitoring the former gravel pit -- at the top of the hill that collapsed -- that had been repurposed as a stockpile site for Site C? Local residents report stockpiled materials piled up at the pit before the slide.
- 2) Will there be an independent safety review of the Site C project given this slide and other geotechnical issues and the fact that BC Hydro recently announced that the dam will be built on shale rather than bedrock?

Suggested Response:

GCPE to provide the following on background:

1) Was BC Hydro monitoring the former gravel pit -- at the top of the hill that collapsed -- that had been repurposed as a stockpile site for Site C? Local residents report stockpiled materials piled up at the pit before the slide.

- The gravel pit is not related to the Site C project.

2) Will there be an independent safety review of the Site C project given this slide and other geotechnical issues and the fact that BC Hydro recently announced that the dam will be built on shale rather than bedrock?

- There will be no safety review as there is no evidence to suggest the slide was related to the project.
- BC Hydro has conducted extensive engineering studies into the geology of the project area – including the dam site – for decades.
- The issue of historical slides in the area is well documented and its being addressed by BC Hydro with the excavations and stabilization measures that have been taking place at site since construction started in 2015.
- For example, BC Hydro has removed over 11 million of cubic metres of overburden materials on the north bank to create a stable slope for the dam.
- On the south bank, BC Hydro has incorporated into the design a concrete buttress that will be placed under the spillway and generating station for increased stability and seismic protection.
- Further, the presence of shale bedrock is well documented in the project's environmental impact statement.

- This was reviewed by the Site C Joint Review Panel and later approved by the provincial and federal governments in 2014.
 - Building hydro-electric dams on shale bedrock is not uncommon.
 - The environmental impact statement for Site C identified 16 other earthfill dams around the world that were built on similar bedrock.
-

Beaupre, Darren GCPE:EX

From: Beaupre, Darren GCPE:EX
Sent: Monday, October 1, 2018 2:29 PM
To: Karemaker, Kent GCPE:EX
Cc: Haslam, David GCPE:EX
Subject: RE: FOR REVIEW: MEDIA REQUEST: Landslide near Site C

Kent best not to miss deadline if we can avoid it I think. Send to MO – it still responds to the questions being asked.

From: MacLaren, Les EMPR:EX
Sent: Monday, October 1, 2018 1:48 PM
To: Beaupre, Darren GCPE:EX; Karemaker, Kent GCPE:EX; Chace, Julie EMPR:EX
Cc: Haslam, David GCPE:EX
Subject: RE: FOR REVIEW: MEDIA REQUEST: Landslide near Site C

I also spoke with BC Hydro. This is an old slide that has been tracked for years. There are a number of these in this part of the Peace River valley.

Les

From: Beaupre, Darren GCPE:EX
Sent: Monday, October 1, 2018 1:39 PM
To: Karemaker, Kent GCPE:EX ; MacLaren, Les EMPR:EX ; Chace, Julie EMPR:EX
Cc: Haslam, David GCPE:EX
Subject: RE: FOR REVIEW: MEDIA REQUEST: Landslide near Site C

Kent, I just chatted with Julie and she is going to offer details of what the mining side of the ministry is doing to evaluate the situation. We can add it to answer #2. Adding Julie here.

From: Karemaker, Kent GCPE:EX
Sent: Monday, October 1, 2018 1:32 PM
To: MacLaren, Les EMPR:EX
Cc: Beaupre, Darren GCPE:EX; Haslam, David GCPE:EX
Subject: FOR REVIEW: MEDIA REQUEST: Landslide near Site C

Hi Les,

Media request below is for your review. The responses come from Greg at BC Hydro. Just wanted to get your feedback on these responses.

Thanks!

Kent Karemaker | Media Relations
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Telephone: 250-886-5400
Kent.Karemaker@gov.bc.ca

Reporter: Sarah Cox, The Narwhal (formerly DeSmog)

Deadline: Monday, October 1, 2018 3:00 PM

Request: I'm working on a story about the on-going landslide near the town of Old Fort, near an entranceway to the Site C dam worksite, and have a few questions for the ministry.

1) Was BC Hydro monitoring the former gravel pit -- at the top of the hill that collapsed -- that had been repurposed as a stockpile site for Site C? Local residents report stockpiled materials piled up at the pit before the slide.

2) Will there be an independent safety review of the Site C project given this slide and other geotechnical issues and the fact that BC Hydro recently announced that the dam will be built on shale rather than bedrock?

Suggested Response:

GCPE to provide the following on background:

1) Was BC Hydro monitoring the former gravel pit -- at the top of the hill that collapsed -- that had been repurposed as a stockpile site for Site C? Local residents report stockpiled materials piled up at the pit before the slide.

- The gravel pit is not related to the Site C project.

2) Will there be an independent safety review of the Site C project given this slide and other geotechnical issues and the fact that BC Hydro recently announced that the dam will be built on shale rather than bedrock?

- There will be no safety review as there is no evidence to suggest the slide was related to the project.
- BC Hydro has conducted extensive engineering studies into the geology of the project area – including the dam site – for decades.
- The issue of historical slides in the area is well documented and its being addressed by BC Hydro with the excavations and stabilization measures that have been taking place at site since construction started in 2015.
- For example, BC Hydro has removed over 11 million of cubic metres of overburden materials on the north bank to create a stable slope for the dam.
- On the south bank, BC Hydro has incorporated into the design a concrete buttress that will be placed under the spillway and generating station for increased stability and seismic protection.
- Further, the presence of shale bedrock is well documented in the project's environmental impact statement.
- This was reviewed by the Site C Joint Review Panel and later approved by the provincial and federal governments in 2014.
- Building hydro-electric dams on shale bedrock is not uncommon.
- The environmental impact statement for Site C identified 16 other earthfill dams around the world that were built on similar bedrock.

Beaupre, Darren GCPE:EX

From: Beaupre, Darren GCPE:EX
Sent: Friday, October 5, 2018 2:06 PM
To: Platts, Robin GCPE:EX; Haslam, David GCPE:EX
Subject: RE: IN_LandslideFSJ_Oct5 2018_2pm
Attachments: IN_LandslideFSJ_Oct5 2018_2pm.docx

Wait for David to confirm as we might consider holding until we (EMPR) become part of the media conversation. That said, we could share as the latest from our end on the issue so MO is aware we are on it.

From: Platts, Robin GCPE:EX
Sent: Friday, October 5, 2018 2:02 PM
To: Haslam, David GCPE:EX; Beaupre, Darren GCPE:EX
Subject: IN_LandslideFSJ_Oct5 2018_2pm

Program has signed this off. Would you like me to send it up to the MO?

ADVICE TO MINISTER

<p style="text-align: center;">CONFIDENTIAL GCPE-MEMPR ISSUE NOTE</p> <p>Ministry of Energy, Mines and Petroleum Resources Date: Oct 5, 2018 Minister Responsible: Hon. Michelle Mungall</p>	<p style="text-align: center;">Gravel Pit – Landslide Fort St. John</p>
--	--

ADVICE AND RECOMMENDED RESPONSE:

s.13

KEY FACTS REGARDING THE ISSUE:

On Sept. 29, 2018, a landslide occurred above Old Fort Road near Fort St. John. The landslide damaged pavement and required the road to close. The Ministry of Transportation and Infrastructure alerted their stakeholders and initiated a geotechnical assessment.

s.13

ADVICE TO MINISTER

s.13

ADVICE TO MINISTER

s.13

Beaupre, Darren GCPE:EX

From: Haslam, David GCPE:EX
Sent: Friday, October 5, 2018 5:04 PM
To: Platts, Robin GCPE:EX
Cc: Beaupre, Darren GCPE:EX; Karemaker, Kent GCPE:EX
Subject: Re: IN_LandslideFSJ_Oct5 2018_2pm

Yes. But recommend we just send the first sentence to the reporter.

Sent from my iPhone

On Oct 5, 2018, at 5:02 PM, Platts, Robin GCPE:EX <Robin.Platts@gov.bc.ca> wrote:

Should we send info below to Brendan?

----- Original message -----

From: "Chace, Julie EMPR:EX" <Julie.Chace@gov.bc.ca>
Date: 2018-10-05 4:58 PM (GMT-08:00)
To: "Platts, Robin GCPE:EX" <Robin.Platts@gov.bc.ca>
Cc: "Amann-Blake, Nathaniel EMPR:EX" <Nathaniel.Amann-Blake@gov.bc.ca>, "Howe, Diane J EMPR:EX" <Diane.Howe@gov.bc.ca>
Subject: Fwd: IN_LandslideFSJ_Oct5 2018_2pm

More info.
Sent from my iPhone

Begin forwarded message:

From: "Constable, Lowell EMPR:EX" <Lowell.Constable@gov.bc.ca>
Date: October 5, 2018 at 4:39:00 PM PDT
To: "Chace, Julie EMPR:EX" <Julie.Chace@gov.bc.ca>
Cc: "Brash, Jennifer EMPR:EX" <Jennifer.Brash@gov.bc.ca>, "Howe, Diane J EMPR:EX" <Diane.Howe@gov.bc.ca>
Subject: Re: IN_LandslideFSJ_Oct5 2018_2pm

Hi Julie,

Deasan provided a safe work plan to EMPR this morning, and we have approved them to remove the stockpiles under the supervision of a spotter and with oversight by a P.Eng.

Given the ongoing movement in the area we expect the stockpile platform to move further, but the rate and magnitude of additional movement is not certain. Deasan is required to monitor the movement and if defined monitoring triggers are reached the operation to remove the stockpiles will be discontinued immediately.

The company is required to update EMPR and MOTI throughout the process.

Let me know if you need more info at this time.

Regards,
Lowell

Sent from my iPhone

On Oct 5, 2018, at 4:01 PM, Chace, Julie EMPR:EX <Julie.Chace@gov.bc.ca> wrote:

Lowell and Jennifer. Would you be able to draft some answers to questions below as soon as possible? Thanks so much!

Sent from my iPhone

Begin forwarded message:

From: "Platts, Robin GCPE:EX" <Robin.Platts@gov.bc.ca>
Date: October 5, 2018 at 3:54:37 PM PDT
To: "Amann-Blake, Nathaniel EMPR:EX" <Nathaniel.Amann-Blake@gov.bc.ca>, "Chace, Julie EMPR:EX" <Julie.Chace@gov.bc.ca>
Cc: "Karemaker, Kent GCPE:EX" <Kent.Karemaker@gov.bc.ca>, "Beaupre, Darren GCPE:EX" <Darren.Beaupre@gov.bc.ca>, "Haslam, David GCPE:EX" <David.Haslam@gov.bc.ca>
Subject: Fwd: IN_LandslideFSJ_Oct5 2018_2pm

Hi

Transportation is responding to a media request re landslide. Are you able to provide anything re the questions below?

----- Original message -----

From: "Phelps, Brendan GCPE:EX" <Brendan.Phelps@gov.bc.ca>
Date: 2018-10-05 3:51 PM (GMT-08:00)
To: "Platts, Robin GCPE:EX" <Robin.Platts@gov.bc.ca>
Cc: "Haslam, David GCPE:EX" <David.Haslam@gov.bc.ca>, "Karemaker, Kent GCPE:EX" <Kent.Karemaker@gov.bc.ca>,

"Beaupre, Darren GCPE:EX"
<Darren.Beaupre@gov.bc.ca>
Subject: RE: IN_LandslideFSJ_Oct5 2018_2pm

Thanks Robin.

This is helpful, but doesn't exactly answer that question from the reporter:

Is the hillside directly below the gravel pit (which dropped several metres but still remains at the top of the slide site with gravel and material stacked on top) currently expected to give way as well? And is the company which runs that site (Deasan Holdings) working with the province to remove that stockpiled material?

Can you make a call to your ministry staff on the ground at Old Fort? I was just on a coordination call with the Peace River Regional District, and someone from EMPR mentioned they are starting to remove that stockpiled material.

Regards,

Brendan

Brendan Phelps | Public Affairs Officer
Government Communications and Public
Engagement
Ministry of Transportation and Infrastructure
Office: 250 387-8619 | Mobile: 250 888-3402 | E:
brendan.phelps@gov.bc.ca

From: Platts, Robin GCPE:EX

Sent: Friday, October 5, 2018 3:46 PM

To: Phelps, Brendan GCPE:EX

Cc: Haslam, David GCPE:EX; Karemaker, Kent GCPE:EX; Beaupre, Darren GCPE:EX

Subject: Fwd: IN_LandslideFSJ_Oct5 2018_2pm

Brendan

Here is our IN. Let me know if this gives you what you need from empr perspective.

Robin

Beaupre, Darren GCPE:EX

From: Robb, Peter L. EMPR:EX
Sent: Tuesday, October 9, 2018 4:15 PM
To: Smith, Paula GCPE:EX
Cc: Amann-Blake, Nathaniel EMPR:EX
Subject: Re: IN_OldFort_Landslide_Oct9_Updated

Approved

On Oct 9, 2018, at 4:01 PM, Smith, Paula GCPE:EX <Paula.Smith@gov.bc.ca> wrote:

Attached is the most current IN for the Old Fort landslide (program staff have weighed-in). MOTI has produced their own (which I've attached). FYI, media are starting to call about this.

Please review when you can.

Thanks,

Paula Smith | Public Affairs Officer
Ministry of Energy, Mines and Petroleum Resources
Government Communications and Public Engagement
c. 250-880-6549 d. 778 974-4676

Beaupre, Darren GCPE:EX

From: Haslam, David GCPE:EX
Sent: Wednesday, October 10, 2018 3:34 PM
To: Alexis, Greg
Subject: Re: Heads-up: CBC PG interview on Landslide and Site C

No. I'm buried in the gas explosion. No news is good news.

Sent from my iPhone

On Oct 10, 2018, at 3:32 PM, Alexis, Greg <Greg.Alexis@bchydro.com> wrote:

Thanks, Dave. Any word on how the Minister Farnworth tour went today?

From: Haslam, David GCPE:EX [<mailto:David.Haslam@gov.bc.ca>]
Sent: 2018, October 10 3:05 PM
To: Alexis, Greg
Cc: Sauer, Darwin; Fish, Tanya; Karemaker, Kent GCPE:EX; Zadavec, Don GCPE:EX; Kristianson, Eric GCPE:EX; Howlett, Tim GCPE:EX; Robins, Shawn GCPE:EX; Sanderson, Melissa EMPR:EX; Andrews, Scott EMPR:EX
Subject: RE: Heads-up: CBC PG interview on Landslide and Site C
Thx. I have no concerns. It's good to get the info out there. Including GCPE HQ staff, Public Safety CD and EMPR MO staff.

From: Alexis, Greg [<mailto:Greg.Alexis@bchydro.com>]
Sent: Wednesday, October 10, 2018 3:01 PM
To: Haslam, David GCPE:EX
Cc: Sauer, Darwin; Fish, Tanya; Karemaker, Kent GCPE:EX
Subject: Heads-up: CBC PG interview
David,

Further to our discussion yesterday, we wanted to let you know that our lead design engineer for the Site C project (Andrew Watson) is confirmed for a live interview tomorrow morning at 7:15am. He'll be speaking to CBC Daybreak North host Carolina DeRyk and it will be about 5-7 minutes in length. The topic of the interview is around the landslide at Old Fort and whether there is a risk for the project. I have included our key messages below for reference.

Let us know if you have any questions.

Thanks,
Greg

KEY MESSAGES

- We are committed to safely and responsibly advancing the construction of Site C.
- We continue to closely monitor the situation around the landslide.
- There is no evidence at this time that the slide is related to Site C or any of the work taking place on the project.
- The slide location is off dam site and about 1 km past the Gate 'B' entrance to site.
- Operations at the project site have not been impacted and work is continuing as planned.

Slope stabilization

- Prior to the start of construction, we did extensive geotechnical studies throughout the project area, including an analysis of slope stability.
- These studies confirmed that a large excavation on the north bank was required to remove unstable overburden materials.
- We are addressing slope stability concerns through these excavations and other measures that have been underway since construction started in 2015.
- For example, BC Hydro has removed more than 11 million cubic metres of overburden materials to date on the north bank to create a stable slope for the dam.
 - By removing all this material, we are changing the grade of the north slope to give it a flatter angle.
 - The result is increased stability above the dam.

Project design

- The project design for Site C has received input and feedback from an external Technical Advisory Board.
- The Board is made up of people who are globally recognized for their knowledge and experience with hydroelectric projects around the world.
- We take into consideration all of the recommendations of the Technical Advisory Board and respond appropriately. Work with the Technical Advisory Board will continue until the completion of the project.
- Further, BC Hydro has a rigorous dam safety program for all our facilities – including Site C.
- The program is based on provincial regulations, guidelines published by the Canadian Dam Association and international best practice.
- Today, we safely manage 80 regulated dams at 40 sites throughout British Columbia.

QUESTIONS AND ANSWERS

- 1. People are saying that the gravel pit, located above Old Fort Road, triggered the landslide. Was the gravel pit being used for the project?**
 - No. The gravel operation above the slide is not part of the project.
- 2. People are also saying the project contributed to the landslide. What is your response to that?**
 - The slide location is off dam site and about 1 km past the Gate 'B' entrance to site.
 - There is no evidence at this time to suggest that the slide is related to Site C or any of the work taking place on the project.
- 3. With the evacuation order being so close to the site, why hasn't BC Hydro stopped work?**
 - Safety is our number one priority and we are monitoring the situation closely.
 - At this time, operations at the project site have not been impacted and work is continuing as planned.
 - A geotechnical engineer brought in by the Peace River Regional District has confirmed that the area near Site C is not considered to be at risk.
 - If the slide impact area increases in size or moves farther west, we will work with authorities to reassess the situation to ensure continued safety at site.
- 4. Why would BC Hydro build a dam in an area that has history of landslides?**
 - BC Hydro has conducted extensive engineering studies into the geology of the project area – including around the dam site – for decades.
 - What we learned through these investigations informed the location of the dam site, as well as how it is designed and constructed.

- The location of the dam was selected because of its geological and topographic advantages, and because it avoids areas of large, historic slides.
- The issue of historical slides in the area has been well documented.
- We are addressing slope stability concerns through the excavations and other stabilization measures that have been underway since construction started in 2015.
- For example, BC Hydro has removed more than 11 million cubic metres of overburden materials on the north bank to create a stable slope for the dam.
 - By removing all this material, we are changing the grade of the north slope to give it a flatter angle.
 - The result is increased stability above the dam.

5. What is BC Hydro doing to ensure Site C is built safely and protected from the risk of landslides?

- Safety has always been a key consideration in the project design for Site C.
- Site C is being built and will be maintained in accordance with international and Canadian safety practices to withstand major events, including unlikely extreme earthquakes and floods.
- In keeping with international best practice, Site C's project design has been informed by advice and feedback from external Technical Advisory Board members, who are globally recognized for their technical knowledge and experience with hydroelectric projects around the world.
- BC Hydro has conducted extensive engineering studies into the geology of the project area – including around the dam site – for decades.
- The issue of historical slides in the area is well documented.
- We are addressing slope stability concerns through the excavations and other stabilization measures that have been underway since construction started in 2015.
- For example, BC Hydro has removed more than 11 million cubic metres of overburden materials on the north bank to create a stable slope for the dam.
 - By removing all this material, we are changing the grade of the north slope to give it a flatter angle.
 - The result is increased stability above the dam.

6. Why is BC Hydro building a dam on shale?

- Site C is being built – and will be maintained – to international and Canadian safety standards so it can withstand major events like earthquakes and floods.
- BC Hydro has conducted extensive engineering studies into the geology of the project area – including the dam site – for decades.
- The presence of shale bedrock is well documented in the project's environmental impact statement (EIS).
- The EIS was reviewed by the Site C Joint Review Panel and later approved by the provincial and federal governments in 2014.
- Building hydro-electric dams on shale bedrock is not uncommon.
- The environmental impact statement for Site C identified 16 other earthfill dams around the world that were built on similar bedrock.
- BC Hydro has incorporated into the design a concrete buttress that will be placed under the spillway and generating station for increased stability and seismic protection.

7. Is BC Hydro doing anything to help Old Fort residents?

- BC Hydro provided the Peace River Regional District use of our dock at Site C to help with the evacuation of local residents over the weekend.

- We will continue to monitor the situation closely and work with local officials to provide support and assistance where possible.

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-BCHydroDisclaimerID5.2.8.1541

Beaupre, Darren GCPE:EX

From: Karemaker, Kent GCPE:EX
Sent: Tuesday, October 9, 2018 9:00 AM
To: Smith, Paula GCPE:EX
Subject: Re: Heard you were looking for me?

Just in a meeting re: landslide in Julie Chaces office if you want to join

Sent from my iPhone

On Oct 9, 2018, at 8:56 AM, Smith, Paula GCPE:EX <Paula.Smith@gov.bc.ca> wrote:

s.22 I'm here now.
Paula Smith | Public Affairs Officer
Ministry of Energy, Mines and Petroleum Resources
Government Communications and Public Engagement
c. 250-880-6549 d. 778 974-4676

Beaupre, Darren GCPE:EX

From: Phelps, Brendan GCPE:EX
Sent: Friday, October 5, 2018 4:01 PM
To: Haslam, David GCPE:EX
Cc: Platts, Robin GCPE:EX; Karemaker, Kent GCPE:EX; Beaupre, Darren GCPE:EX
Subject: RE: IN_LandslideFSJ_Oct5 2018_2pm

Okay, thanks very much.

Cheers,
Brendan

From: Haslam, David GCPE:EX
Sent: Friday, October 5, 2018 3:59 PM
To: Phelps, Brendan GCPE:EX
Cc: Platts, Robin GCPE:EX; Karemaker, Kent GCPE:EX; Beaupre, Darren GCPE:EX
Subject: Re: IN_LandslideFSJ_Oct5 2018_2pm

We'll do what we can ^{s.13}

Sent from my iPhone

On Oct 5, 2018, at 3:51 PM, Phelps, Brendan GCPE:EX <Brendan.Phelps@gov.bc.ca> wrote:

Thanks Robin.

This is helpful, but doesn't exactly answer that question from the reporter:

Is the hillside directly below the gravel pit (which dropped several metres but still remains at the top of the slide site with gravel and material stacked on top) currently expected to give way as well? And is the company which runs that site (Deasan Holdings) working with the province to remove that stockpiled material?

Can you make a call to your ministry staff on the ground at Old Fort? I was just on a coordination call with the Peace River Regional District, and someone from EMPR mentioned they are starting to remove that stockpiled material.

Regards,
Brendan

Brendan Phelps | Public Affairs Officer
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Office: 250 387-8619 | Mobile: 250 888-3402 | E: brendan.phelps@gov.bc.ca

From: Platts, Robin GCPE:EX
Sent: Friday, October 5, 2018 3:46 PM
To: Phelps, Brendan GCPE:EX

Cc: Haslam, David GCPE:EX; Karemaker, Kent GCPE:EX; Beaupre, Darren GCPE:EX
Subject: Fwd: IN_LandslideFSJ_Oct5 2018_2pm

Brendan

Here is our IN. Let me know if this gives you what you need from empr perspective.

Robin

Beaupre, Darren GCPE:EX

From: Haslam, David GCPE:EX
Sent: Friday, October 5, 2018 2:08 PM
To: Howlett, Tim GCPE:EX
Cc: Sanderson, Melissa EMPR:EX; Andrews, Scott EMPR:EX; Beaupre, Darren GCPE:EX; Plummer, Glen GCPE:EX; Grewar, Colin GCPE:EX
Subject: RE: Kitimat issues for Premier Issues Scan
Attachments: IN_LandslideFSJ_Oct5 2018_2pm.docx

Nothing more specific to Kitimat but here's an updated IN on the landslide near Site C. It's topical and related because of the debate on Site C providing power to LNG Canada. Let me know if you need anything more. Cheers - D

From: Haslam, David GCPE:EX
Sent: Friday, October 5, 2018 1:51 PM
To: Howlett, Tim GCPE:EX
Cc: Sanderson, Melissa EMPR:EX; Andrews, Scott EMPR:EX; Beaupre, Darren GCPE:EX; Plummer, Glen GCPE:EX; Grewar, Colin GCPE:EX
Subject: FW: Kitimat issues for Premier Issues Scan

Tim: I think the two attached BC Hydro house notes are relevant.

- 1) Terrace to Kitimat Transmission Project
- 2) LNG (some references dated now that LNG Canada has made its FID – but good to know).

We're still checking.

From: Haslam, David GCPE:EX
Sent: Friday, October 5, 2018 1:30 PM
To: Howlett, Tim GCPE:EX
Cc: Sanderson, Melissa EMPR:EX; Andrews, Scott EMPR:EX; Beaupre, Darren GCPE:EX; Plummer, Glen GCPE:EX
Subject: Re: Kitimat issues for Premier Issues Scan

Nothing really comes to mind but we'll do a scan.

Sent from my iPhone

On Oct 5, 2018, at 1:28 PM, Howlett, Tim GCPE:EX <Tim.Howlett@gov.bc.ca> wrote:

Hi all,

We are working on an Issues Scan for the Premier's trip to Kitimat. Media will obviously be focussed on LNG but are there any other Kitimat issues from EMPR that you think are worth flagging?

Tim Howlett
Issues Manager
Strategic Issues Division, GCPE
250.208.4828

ADVICE TO MINISTER

<p style="text-align: center;">CONFIDENTIAL GCPE-MEMPR ISSUE NOTE</p> <p>Ministry of Energy, Mines and Petroleum Resources Date: Oct 5, 2018 Minister Responsible: Hon. Michelle Mungall</p>	<p style="text-align: center;">Gravel Pit – Landslide Fort St. John</p>
--	--

ADVICE AND RECOMMENDED RESPONSE:

s.13

KEY FACTS REGARDING THE ISSUE:

On Sept. 29, 2018, a landslide occurred above Old Fort Road near Fort St. John. The landslide damaged pavement and required the road to close. The Ministry of Transportation and Infrastructure alerted their stakeholders and initiated a geotechnical assessment.

s.13

ADVICE TO MINISTER

s.13

ADVICE TO MINISTER

s.13

Beaupre, Darren GCPE:EX

From: Haslam, David GCPE:EX
Sent: Tuesday, October 9, 2018 11:55 AM
To: Smith, Paula GCPE:EX; Beaupre, Darren GCPE:EX
Subject: RE: Landslide media inquiry

I'm on a call right now with MMM. Come see me at noon.

From: Smith, Paula GCPE:EX
Sent: Tuesday, October 9, 2018 11:50 AM
To: Haslam, David GCPE:EX; Beaupre, Darren GCPE:EX
Subject: Landslide media inquiry

CBC has asked the question:

s.15

Thoughts on how to answer this??

Paula Smith | Public Affairs Officer
Ministry of Energy, Mines and Petroleum Resources
Government Communications and Public Engagement
c. 250-880-6549 d. 778 974-4676

Beaupre, Darren GCPE:EX

From: Beaupre, Darren GCPE:EX
Sent: Tuesday, October 9, 2018 11:33 AM
To: Karemaker, Kent GCPE:EX
Cc: Smith, Paula GCPE:EX; Chace, Julie EMPR:EX; Haslam, David GCPE:EX
Subject: Re: MEDIA REQUEST: Old Fort Landslide

Thanks. Keep the recommended answer short. Share request in hub with MOTI if you haven't already.

Sent from my iPhone

On Oct 9, 2018, at 11:25 AM, Karemaker, Kent GCPE:EX <Kent.Karemaker@gov.bc.ca> wrote:

Media request on the landslide.. From my understanding now the answers would be answered by the updated IN which Paula is working on based on our conversation.

Reporter: Andrew Kurjata, CBC - Prince George

Deadline: ASAP

Request: I'm reporting on the Old Fort landslide south of Fort St. John. There was a resident's meeting yesterday, and several people including elected officials suggested the cause of the landslide was the re-activation of a gravel pit in the area near where the landslide began.

Can you confirm:

1. Whether this is being investigated by your ministry?
2. Whether all the proper permits to reactivate this gravel pit were issued by the Ministry prior to it becoming active again?
3. Whether the gravel pit is being allowed to operate now?

Kent Karemaker | Media Relations
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Telephone: 250-886-5400
Kent.Karemaker@gov.bc.ca

Beaupre, Darren GCPE:EX

From: Grewar, Colin GCPE:EX
Sent: Friday, October 12, 2018 2:14 PM
To: Karemaker, Kent GCPE:EX; Smith, Paula GCPE:EX
Cc: Beaupre, Darren GCPE:EX
Subject: RE: MEDIA REQUEST: Site C / Landslide

Hi Kent: I have added some content in red from BC Hydro's latest issues note and from a CBC interview with a Site C engineer.

I suggest we send to Greg Alexis (cc'ing Darwin Sauer) to see if they're ok with it and/or have anything to add in direct response to the reporter's questions.

Colin



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Karemaker, Kent GCPE:EX
Sent: Friday, October 12, 2018 1:05 PM
To: Grewar, Colin GCPE:EX; Smith, Paula GCPE:EX
Cc: Beaupre, Darren GCPE:EX
Subject: MEDIA REQUEST: Site C / Landslide

Media request here from The Narwhal.. I've pulled together a few things from a previous response... but it would likely need to be added to/adjusted to respond to her.

Reporter: Sarah Cox, The Narwhal (formerly DeSmog)

Deadline: Friday, October 12, 2018 5:00 PM

Request:

- 1) Has the ministry instructed Westrek to look into whether or not work on Site C -- including vibrations from equipment and the removal of 11 million cubic metres of earth not far from the land slide — is a potential cause or contributing factor to the slide?
- 2) Is the government (including the ministry or BC Hydro) looking into whether or not work on Site C -- including vibrations from equipment and the removal of 13 million cubic metres of earth not far from the land slide — is a potential cause or contributing factor to the slide?
- 3) If the answer to both of the above questions is no, is the ministry 100 per cent confident that there is no connection between any work on the Site C project and the landslide?
- 4) Given that the entire Peace River Valley is highly unstable, according to BC Hydro's own reports, why is Site C-related

- work beginning in another unstable area of the valley -- in the Cache Creek area, where a very large landslide occurred many decades ago -- without geotechnical oversight from engineers independent of BC Hydro and its contractors?
- 5) What precautions, if any, are being taken to ensure that residents in the Cache Creek area and their homes are safe as Site C-related work begins in that unstable part of the valley?
- 6) Has the ministry been in touch with Natural Resources Canada since the slide began September 30?

Suggested Response:

- There is no evidence at this time to suggest that the slide is related to Site C or any of the work taking place on that project.
- The slide location is off the dam site, about one kilometre past the Gate B entrance to Site C.
- Engineers have been investigating the cause of the slide, but it hasn't been determined yet and it's too early to speculate.
- The gravel pit located directly above the slide is located outside Site C boundaries.
- BC Hydro does not have a contract with the gravel pit for stockpiling or other uses, nor has it been used by any of the Site C contractors or sub-contractors.
- BC Hydro is monitoring the situation and is in contact with the Ministry of Transportation and the regional district.
- Operations at Site C have not been impacted and work is continuing as planned.
- BC Hydro is committed to safety and the responsible advancing of the construction of Site C
- BC Hydro has conducted extensive engineering studies into the geology of the project area – including the dam site – for decades.
- The issue of historical slides in the area is well documented and is being addressed with the excavations and stabilization measures that have been taking place at site since construction started in 2015.
- Site C is being built – and will be maintained – to international and Canadian safety standards so it can withstand major events like earthquakes and floods.
- Keeping with international best practice, BC Hydro also has a Technical Advisory Board for Site C that provides on-going technical advice on the engineering and design of the project.
- The members of the Site C Technical Advisory Board are globally recognized for their technical knowledge and experience with the design of hydroelectric projects around the world.

Kent Karemaker | Media Relations
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Telephone: 250-886-5400
Kent.Karemaker@gov.bc.ca

Beaupre, Darren GCPE:EX

From: Beaupre, Darren GCPE:EX
Sent: Tuesday, October 9, 2018 3:04 PM
To: Karemaker, Kent GCPE:EX; Smith, Paula GCPE:EX
Subject: RE: MEDIA REQUEST: Old Fort Landslide

Send to Julie and all of them all at once saying we have to action asap and that details come from the IN. Ask OK but can't wait long. Send up and include Tim soon after.

From: Karemaker, Kent GCPE:EX
Sent: Tuesday, October 9, 2018 3:01 PM
To: Smith, Paula GCPE:EX; Beaupre, Darren GCPE:EX
Subject: RE: MEDIA REQUEST: Old Fort Landslide

Darren: can this go up for ADM approvals?

From: Smith, Paula GCPE:EX
Sent: Tuesday, October 9, 2018 2:55 PM
To: Beaupre, Darren GCPE:EX
Cc: Karemaker, Kent GCPE:EX
Subject: Re: MEDIA REQUEST: Old Fort Landslide

Looks good to me!

Sent from my iPhone

On Oct 9, 2018, at 2:39 PM, Beaupre, Darren GCPE:EX <Darren.Beaupre@gov.bc.ca> wrote:

Added period at the end of last answer.

From: Haslam, David GCPE:EX
Sent: Tuesday, October 9, 2018 2:38 PM
To: Karemaker, Kent GCPE:EX; Smith, Paula GCPE:EX
Cc: Beaupre, Darren GCPE:EX
Subject: RE: MEDIA REQUEST: Old Fort Landslide

Okay with me. When you have final approval share with our MoTI friends

From: Karemaker, Kent GCPE:EX
Sent: Tuesday, October 9, 2018 2:35 PM
To: Smith, Paula GCPE:EX
Cc: Beaupre, Darren GCPE:EX; Haslam, David GCPE:EX
Subject: RE: MEDIA REQUEST: Old Fort Landslide

Would this be better?

Reporter: Andrew Kurjata, CBC - Prince George

Deadline: ASAP

Request: I'm reporting on the Old Fort landslide south of Fort St. John. There was a resident's meeting yesterday, and several people including elected officials suggested the cause of the landslide was the re-activation of a gravel pit in the area near where the landslide began.

Can you confirm:

1. Whether this is being investigated by your ministry?
2. Whether all the proper permits to reactivate this gravel pit were issued by the Ministry prior to it becoming active again?
3. Whether the gravel pit is being allowed to operate now?

Suggested Response:

1. Whether this is being investigated by your ministry?

- Yes, a geotechnical assessment is under way.
- Staff from the ministries of Transportation and Energy, Mines and Petroleum Resources continue to be in close communication on this situation.

2. Whether all the proper permits to reactivate this gravel pit were issued by the Ministry prior to it becoming active again?

- Yes, all the proper permits were issued.

3. Whether the gravel pit is being allowed to operate now?

- When we were made aware of the landslide, a stop-work-order was issued on the gravel mine operating in the area.

Kent Karemaker | Media Relations
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Telephone: 250-886-5400
Kent.Karemaker@gov.bc.ca

Beaupre, Darren GCPE:EX

From: Karemaker, Kent GCPE:EX
Sent: Monday, October 8, 2018 10:33 AM
To: Smith, Paula GCPE:EX
Subject: Re: Media request re: Gravel mine above Old Fort landslide

Thanks! 😊 same to you

Sent from my iPhone

On Oct 8, 2018, at 10:20 AM, Smith, Paula GCPE:EX <Paula.Smith@gov.bc.ca> wrote:

So he did, thanks!
Happy turkey day!

Sent from my iPhone

On Oct 8, 2018, at 10:15 AM, Karemaker, Kent GCPE:EX <Kent.Karemaker@gov.bc.ca> wrote:

Robin already cc'ed her in his response, so I don't really think it's necessary to email her again.

Sent from my iPhone

On Oct 8, 2018, at 10:13 AM, Smith, Paula GCPE:EX <Paula.Smith@gov.bc.ca> wrote:

Are you going to ask Julie or am I? I don't want to bug her twice on a holiday...
P

Sent from my iPhone

On Oct 8, 2018, at 9:39 AM, Haslam, David GCPE:EX <David.Haslam@gov.bc.ca> wrote:

PS. There's a lot of speculation and rumour in this request. The likely response is EMPR staff are investigating the cause. Our focus at the moment is to work with the community and MOTI to fix the problem and get people safely back in their homes.

Sent from my iPhone

On Oct 8, 2018, at 9:08 AM, Haslam, David GCPE:EX <David.Haslam@gov.bc.ca> wrote:

Agree. Julie is best. Manage the reporters expectations. It's a holiday Monday.
Will do the best we can.

Sent from my iPhone

On Oct 8, 2018, at 9:01 AM, Platts, Robin GCPE:EX <Robin.Platts@gov.bc.ca>
wrote:

I assume Julie would be best able to find the answer on this one

From: "Karemaker, Kent GCPE:EX"
<Kent.Karemaker@gov.bc.ca>
Date: October 8, 2018 at 8:23:16 AM PDT
To: "Platts, Robin GCPE:EX"
<Robin.Platts@gov.bc.ca>
Cc: "Beaupre, Darren GCPE:EX"
<Darren.Beaupre@gov.bc.ca>, "Haslam, David
GCPE:EX" <David.Haslam@gov.bc.ca>
**Subject: Fwd: Media request re: Gravel mine
above Old Fort landslide**

Hey Robin,

Happy thanksgiving!

Media request below on the landslide. I know we have an IN on this, but it doesn't really answer his questions fully.

That said, not sure how much more we'd be able to get on a holiday Monday.

Kent

Sent from my iPhone

Begin forwarded message:

From: "Grauer, Perrin"
<perrin.grauer@torstargroup.ca>
Date: October 8, 2018 at 7:49:52
AM PDT
To: "Kent.Karemaker@gov.bc.ca"
<Kent.Karemaker@gov.bc.ca>
**Subject: Media request re: Gravel
mine above Old Fort landslide**

Good Morning Mr. Karemaker,

My name is Perrin Grauer. I'm a reporter with StarMetro in Vancouver.

I'm hoping you can provide comment on some of the things I heard during a recent trip up to Old Fort, which was recently evacuated after a landslide just south of Fort St. John.

Specifically, from both community members as well as representatives of the federal, provincial and regional governments, I was told that the operators of the gravel mine (I believe the company is called Deasan Holdings Ltd.) was operating on an expired permit when the slide occurred. Is this correct?

This gravel mine is at the very top of the slide area and many people who have viewed the area have speculated that stockpiled rock at the edge of the plateau may have overloaded the slope and caused the slide. Is this consistent with your ministry's preliminary understanding of the landslide's causes?

Finally, according to a document from a 2016 meeting of the Peace River Regional District, a rezoning application for that site was approved on the stipulation "a natural buffer of 800 by 1200 feet" be established on the parcel of land from which the slide eventually occurred, in order to provide safety against just such a disaster occurring. But the stockpiled gravel very clearly comes closer to the edge of the plateau than that document stipulates. Was the Ministry of Energy and Mines aware of the fragile nature of this site when the site's current operators were permitted?

I also have an account from one of the site's neighbours that the operator of the site actually built and graded the edge of the site further out over the valley, and stockpiled on that extended plateau -- this is the area which

eventually collapsed. Was this operator permitted to do this work?

My deadline for these answers would be 4pm PST today.

Thank you kindly for your time and consideration.

Very Best,

Perrin Grauer
Reporter, StarMetro
O: (604) 648-3216
C: (236) 983-3180
T: @perringrauer
E: perrin.grauer@torstargroup.ca

Beaupre, Darren GCPE:EX

From: Karemaker, Kent GCPE:EX
Sent: Monday, October 8, 2018 9:10 AM
To: Haslam, David GCPE:EX
Cc: Platts, Robin GCPE:EX; Smith, Paula GCPE:EX; Beaupre, Darren GCPE:EX; Chace, Julie EMPR:EX
Subject: Re: Media request re: Gravel mine above Old Fort landslide

Will do. Thanks, guys.

Sent from my iPhone

On Oct 8, 2018, at 9:09 AM, Haslam, David GCPE:EX <David.Haslam@gov.bc.ca> wrote:

Agree. Julie is best. Manage the reporters expectations. It's a holiday Monday. Will do the best we can.

Sent from my iPhone

On Oct 8, 2018, at 9:01 AM, Platts, Robin GCPE:EX <Robin.Platts@gov.bc.ca> wrote:

I assume Julie would be best able to find the answer on this one

From: "Karemaker, Kent GCPE:EX" <Kent.Karemaker@gov.bc.ca>
Date: October 8, 2018 at 8:23:16 AM PDT
To: "Platts, Robin GCPE:EX" <Robin.Platts@gov.bc.ca>
Cc: "Beaupre, Darren GCPE:EX" <Darren.Beaupre@gov.bc.ca>, "Haslam, David GCPE:EX" <David.Haslam@gov.bc.ca>
Subject: **Fwd: Media request re: Gravel mine above Old Fort landslide**

Hey Robin,

Happy thanksgiving!

Media request below on the landslide. I know we have an IN on this, but it doesn't really answer his questions fully.

That said, not sure how much more we'd be able to get on a holiday Monday.

Kent

Sent from my iPhone

Begin forwarded message:

From: "Grauer, Perrin"
<perrin.grauer@torstargroup.ca>
Date: October 8, 2018 at 7:49:52 AM PDT
To: "Kent.Karemaker@gov.bc.ca"
<Kent.Karemaker@gov.bc.ca>
**Subject: Media request re: Gravel mine above
Old Fort landslide**

Good Morning Mr. Karemaker,

My name is Perrin Grauer. I'm a reporter with StarMetro in Vancouver.

I'm hoping you can provide comment on some of the things I heard during a recent trip up to Old Fort, which was recently evacuated after a landslide just south of Fort St. John.

Specifically, from both community members as well as representatives of the federal, provincial and regional governments, I was told that the operators of the gravel mine (I believe the company is called Deasan Holdings Ltd.) was operating on an expired permit when the slide occurred. Is this correct?

This gravel mine is at the very top of the slide area and many people who have viewed the area have speculated that stockpiled rock at the edge of the plateau may have overloaded the slope and caused the slide. Is this consistent with your ministry's preliminary understanding of the landslide's causes?

Finally, according to a document from a 2016 meeting of the Peace River Regional District, a rezoning application for that site was approved on the stipulation "a natural buffer of 800 by 1200 feet" be established on the parcel of land from which the slide eventually occurred, in order to provide safety against just such a disaster occurring. But the stockpiled gravel very clearly comes closer to the edge of the plateau than that document stipulates. Was the Ministry of Energy and Mines aware of the fragile nature of this site when the site's current operators were permitted?

I also have an account from one of the site's neighbours that the operator of the site actually built and graded the edge of the site further out over the valley, and stockpiled on that extended plateau -- this is the area which eventually collapsed. Was this operator permitted to do this work?

My deadline for these answers would be 4pm PST today.

Thank you kindly for your time and consideration.

Very Best,

Perrin Grauer
Reporter, StarMetro
O: (604) 648-3216
C: (236) 983-3180
T: @perringrauer
E: perrin.grauer@torstargroup.ca

Beaupre, Darren GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Tuesday, October 9, 2018 10:04 AM
To: Karemaker, Kent GCPE:EX
Cc: Smith, Paula GCPE:EX; Chace, Julie EMPR:EX; Amann-Blake, Nathaniel EMPR:EX; Warnock, George TRAN:EX
Subject: RE: Meeting on Old Fort landslide

yes

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Karemaker, Kent GCPE:EX
Sent: Tuesday, October 9, 2018 10:04 AM
To: Robb, Katie GCPE:EX
Cc: Smith, Paula GCPE:EX; Chace, Julie EMPR:EX; Amann-Blake, Nathaniel EMPR:EX; Warnock, George TRAN:EX
Subject: RE: Meeting on Old Fort landslide

Yes. Would 10:30 work?

From: Robb, Katie GCPE:EX
Sent: Tuesday, October 9, 2018 10:03 AM
To: Karemaker, Kent GCPE:EX
Cc: Smith, Paula GCPE:EX; Chace, Julie EMPR:EX; Amann-Blake, Nathaniel EMPR:EX; Warnock, George TRAN:EX
Subject: RE: Meeting on Old Fort landslide

Hi Kent,

Sure thing, I'm free for the next hour if that works?

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Karemaker, Kent GCPE:EX
Sent: Tuesday, October 9, 2018 10:00 AM
To: Robb, Katie GCPE:EX
Cc: Smith, Paula GCPE:EX; Chace, Julie EMPR:EX; Amann-Blake, Nathaniel EMPR:EX; Warnock, George TRAN:EX
Subject: Meeting on Old Fort landslide

Hello Katie,

We'd like to set up a call with you (and George) to discuss Old Fort going forward as soon as you get a moment.

What would work for you? Please feel free to email or call me to discuss.

Kent Karemaker | Media Relations
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Telephone: 250-886-5400
Kent.Karemaker@gov.bc.ca

Beaupre, Darren GCPE:EX

From: Haslam, David GCPE:EX
Sent: Monday, October 8, 2018 2:20 PM
To: Chace, Julie EMPR:EX
Cc: Karemaker, Kent GCPE:EX; Amann-Blake, Nathaniel EMPR:EX; Platts, Robin GCPE:EX; Smith, Paula GCPE:EX; Beaupre, Darren GCPE:EX; Robb, Peter L. EMPR:EX; Hoffman, Al EMPR:EX
Subject: Re: Media request re: Gravel mine above Old Fort landslide

Thx.

Sent from my iPhone

On Oct 8, 2018, at 1:54 PM, Chace, Julie EMPR:EX <Julie.Chace@gov.bc.ca> wrote:

David - according to PRRD live community meeting info - looking like they are suggesting summer before community safe again. Right now EOC/PRRD/RCMP are working on allowing limited access for people to get their belongings.

Adrian Pooley (H&S inspector) was on the phone and answered a few questions - I took some notes and will write it up first thing. Overall Adrian did an excellent job sticking to facts and not commenting on anything outside his scope. In general there were questions around who is liable, is ministry covering up knowledge of landslides in the summer, what is the company allowed and not allowed to do right now, will there be an independent investigation, can we shut down site C, can we prevent the company from selling material they are taking off site etc. Also question came up about previous geotech studies done by ministry and site history.

Thanks, Julie

Sent from my iPhone

On Oct 8, 2018, at 1:29 PM, Haslam, David GCPE:EX <David.Haslam@gov.bc.ca> wrote:

Send him below:

The matter is under investigation. The safety of the community and reopening the road is government's priority.

Sent from my iPhone

On Oct 8, 2018, at 11:31 AM, Karemaker, Kent GCPE:EX <Kent.Karemaker@gov.bc.ca> wrote:

I've let the reporter know that while I am working to get a response, we will likely be looking at tomorrow to get it to him.

Kent.

Sent from my iPhone

On Oct 8, 2018, at 10:39 AM, Amann-Blake, Nathaniel EMPR:EX
<Nathaniel.Amann-Blake@gov.bc.ca> wrote:

Yes, I suggest we just say the matter is under investigation.

Can also say safety of community and reopening road is govs priority.

Sent from my iPhone

On Oct 8, 2018, at 10:32 AM, Chace, Julie EMPR:EX <Julie.Chace@gov.bc.ca> wrote:

Thanks David - yes there is a lot of speculation here and we are still at the information gathering stage. Would be best to hold the reporter off and we can work at gathering a response tomorrow. The site was permitted in the summer and the stockpiling started about 3 weeks ago.

I will forward the questions and ask my team to draft answers ASAP tomorrow.

Sent from my iPhone

Beaupre, Darren GCPE:EX

From: Beaupre, Darren GCPE:EX
Sent: Friday, October 12, 2018 2:18 PM
To: Grewar, Colin GCPE:EX; Karemaker, Kent GCPE:EX; Smith, Paula GCPE:EX
Subject: RE: MEDIA REQUEST: Site C / Landslide

I'll send to Greg. Kent we can call him soon. Thanks Colin.

From: Grewar, Colin GCPE:EX
Sent: Friday, October 12, 2018 2:14 PM
To: Karemaker, Kent GCPE:EX; Smith, Paula GCPE:EX
Cc: Beaupre, Darren GCPE:EX
Subject: RE: MEDIA REQUEST: Site C / Landslide

Hi Kent: I have added some content in red from BC Hydro's latest issues note and from a CBC interview with a Site C engineer.

I suggest we send to Greg Alexis (cc'ing Darwin Sauer) to see if they're ok with it and/or have anything to add in direct response to the reporter's questions.

Colin



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Karemaker, Kent GCPE:EX
Sent: Friday, October 12, 2018 1:05 PM
To: Grewar, Colin GCPE:EX; Smith, Paula GCPE:EX
Cc: Beaupre, Darren GCPE:EX
Subject: MEDIA REQUEST: Site C / Landslide

Media request here from The Narwhal.. I've pulled together a few things from a previous response... but it would likely need to be added to/adjusted to respond to her.

Reporter: Sarah Cox, The Narwhal (formerly DeSmog)

Deadline: Friday, October 12, 2018 5:00 PM

Request:

1) Has the ministry instructed Westrek to look into whether or not work on Site C -- including vibrations from equipment and the removal of 11 million cubic metres of earth not far from the land slide — is a potential cause or contributing factor to the slide?

- 2) Is the government (including the ministry or BC Hydro) looking into whether or not work on Site C -- including vibrations from equipment and the removal of 13 million cubic metres of earth not far from the land slide — is a potential cause or contributing factor to the slide?
- 3) If the answer to both of the above questions is no, is the ministry 100 per cent confident that there is no connection between any work on the Site C project and the landslide?
- 4) Given that the entire Peace River Valley is highly unstable, according to BC Hydro's own reports, why is Site C-related work beginning in another unstable area of the valley -- in the Cache Creek area, where a very large landslide occurred many decades ago -- without geotechnical oversight from engineers independent of BC Hydro and its contractors?
- 5) What precautions, if any, are being taken to ensure that residents in the Cache Creek area and their homes are safe as Site C-related work begins in that unstable part of the valley?
- 6) Has the ministry been in touch with Natural Resources Canada since the slide began September 30?

Suggested Response:

- There is no evidence at this time to suggest that the slide is related to Site C or any of the work taking place on that project.
- The slide location is off the dam site, about one kilometre past the Gate B entrance to Site C.
- Engineers have been investigating the cause of the slide, but it hasn't been determined yet and it's too early to speculate.
- The gravel pit located directly above the slide is located outside Site C boundaries.
- BC Hydro does not have a contract with the gravel pit for stockpiling or other uses, nor has it been used by any of the Site C contractors or sub-contractors.
- BC Hydro is monitoring the situation and is in contact with the Ministry of Transportation and the regional district.
- Operations at Site C have not been impacted and work is continuing as planned.
- BC Hydro is committed to safety and the responsible advancing of the construction of Site C
- BC Hydro has conducted extensive engineering studies into the geology of the project area – including the dam site – for decades.
- The issue of historical slides in the area is well documented and is being addressed with the excavations and stabilization measures that have been taking place at site since construction started in 2015.
- Site C is being built – and will be maintained – to international and Canadian safety standards so it can withstand major events like earthquakes and floods.
- Keeping with international best practice, BC Hydro also has a Technical Advisory Board for Site C that provides on-going technical advice on the engineering and design of the project.
- The members of the Site C Technical Advisory Board are globally recognized for their technical knowledge and experience with the design of hydroelectric projects around the world.

Kent Karemaker | Media Relations
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Telephone: 250-886-5400
Kent.Karemaker@gov.bc.ca

Beaupre, Darren GCPE:EX

From: Grewar, Colin GCPE:EX
Sent: Wednesday, October 10, 2018 3:55 PM
To: Karemaker, Kent GCPE:EX
Subject: RE: Ministry of Energy, Mines and Petroleum Resources

s.22 send to Tanya Fish and cc Greg Alexis and Darwin.



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Karemaker, Kent GCPE:EX
Sent: Wednesday, October 10, 2018 3:50 PM
To: Grewar, Colin GCPE:EX
Subject: RE: Ministry of Energy, Mines and Petroleum Resources

Mora, or Darwin as well?

From: Grewar, Colin GCPE:EX
Sent: Wednesday, October 10, 2018 3:34 PM
To: Karemaker, Kent GCPE:EX; Beaupre, Darren GCPE:EX
Cc: Haslam, David GCPE:EX
Subject: RE: Ministry of Energy, Mines and Petroleum Resources

Hi Kent: Here is some messaging pulled from the MoTI and BCH issues notes we have on the slide:

- There is no evidence at this time to suggest that the slide is related to Site C or any of the work taking place on that project.
- The slide location is off the dam site, about one kilometre past the Gate B entrance to Site C.
- Engineers have been investigating the cause of the slide, but it hasn't been determined yet and it's too early to speculate.
- The gravel pit located directly above the slide is located outside Site C boundaries.
- BC Hydro does not have a contract with the gravel pit for stockpiling or other uses, nor has it been used by any of the Site C contractors or sub-contractors.

Suggest running this by BCH and seeing if they are ok with it and/or have anything to add.

Colin



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Karemaker, Kent GCPE:EX
Sent: Wednesday, October 10, 2018 3:28 PM
To: Beaupre, Darren GCPE:EX; Grewar, Colin GCPE:EX
Cc: Haslam, David GCPE:EX
Subject: FW: Ministry of Energy, Mines and Petroleum Resources

This one is from this morning, but got lost in the shuffle.

Before I enter into the media hub, I'm wondering if BC Hydro could better respond to her?

Kent.

From: Tracy Sherlock [<mailto:tracy@nationalobserver.com>]
Sent: Wednesday, October 10, 2018 9:19 AM
To: Karemaker, Kent GCPE:EX
Subject: Re: Ministry of Energy, Mines and Petroleum Resources

Hi Kent

I wanted to ask one follow up question. How does the ministry know that the landslide at Old Fort is not related to the work at Site C?

Thank you!
Tracy Sherlock

On Tue, Oct 9, 2018 at 4:23 PM Karemaker, Kent GCPE:EX <Kent.Karemaker@gov.bc.ca> wrote:

Hello Tracy,

We are able to provide the following on background:

- Site C is approximately 1 kilometre from the landslide location.
- The landslide at Old Fort is not connected to work on the Site C dam.

Best,

Kent Karemaker | Media Relations

Government Communications and Public Engagement

Ministry of Energy, Mines and Petroleum Resources

Telephone: 250-886-5400

Kent.Karemaker@gov.bc.ca

From: Tracy Sherlock [mailto:tracy@nationalobserver.com]

Sent: Tuesday, October 9, 2018 4:18 PM

To: Karemaker, Kent GCPE:EX

Subject: Re: comment?

Hi Kent,

Do you expect the response to be ready today?

Thanks

Tracy Sherlock

On Tue, Oct 9, 2018 at 2:06 PM Karemaker, Kent GCPE:EX <Kent.Karemaker@gov.bc.ca> wrote:

Hi Tracy,

Thanks.. working on getting you a response.

Kent.

From: Tracy Sherlock [mailto:tracy@nationalobserver.com]

Sent: Tuesday, October 9, 2018 12:24 PM

To: Karemaker, Kent GCPE:EX

Subject: comment?

Hello Kent

I'm a journalist writing for the National Observer. I've been told the Peace River landslide is extremely close to the Site C dam.

I was wondering if the Ministry of Energy and Mines would comment on this. Specifically, I would like to ask:

- Am I correct the the Old Fort landslide is less than 10 K away from the Site C dam?
- Could the landslide be related to work on the Site C dam?
- Does this landslide cause the Ministry to reassess the safety of the dam, given the instability of the land nearby?

Thank you.

Tracy Sherlock.

--

Tracy Sherlock

B.C. columnist

National Observer

604-818-3090

--

Tracy Sherlock

B.C. columnist

National Observer

604-818-3090

--

Tracy Sherlock
B.C. columnist
National Observer
604-818-3090

Beaupre, Darren GCPE:EX

From: Karemaker, Kent GCPE:EX
Sent: Monday, October 8, 2018 1:36 PM
To: Haslam, David GCPE:EX
Subject: Re: Media request re: Gravel mine above Old Fort landslide

Responded to him..

Sent from my iPhone

On Oct 8, 2018, at 1:29 PM, Haslam, David GCPE:EX <David.Haslam@gov.bc.ca> wrote:

Send him below:

The matter is under investigation. The safety of the community and reopening the road is government's priority.

Sent from my iPhone

On Oct 8, 2018, at 11:31 AM, Karemaker, Kent GCPE:EX <Kent.Karemaker@gov.bc.ca> wrote:

I've let the reporter know that while I am working to get a response, we will likely be looking at tomorrow to get it to him.

Kent.

Sent from my iPhone

On Oct 8, 2018, at 10:39 AM, Amann-Blake, Nathaniel EMPR:EX <Nathaniel.Amann-Blake@gov.bc.ca> wrote:

Yes, I suggest we just say the matter is under investigation.

Can also say safety of community and reopening road is gov's priority.

Sent from my iPhone

On Oct 8, 2018, at 10:32 AM, Chace, Julie EMPR:EX <Julie.Chace@gov.bc.ca> wrote:

Thanks David - yes there is a lot of speculation here and we are still at the information gathering stage. Would be best to hold the reporter off and we can work at gathering a response tomorrow. The site was permitted in the summer and the stockpiling started about 3 weeks ago.

I will forward the questions and ask my team to draft answers ASAP tomorrow.

Sent from my iPhone

On Oct 8, 2018, at 9:39 AM, Haslam, David GCPE:EX <David.Haslam@gov.bc.ca> wrote:

PS. There's a lot of speculation and rumour in this request. The likely response is EMPR staff are investigating the cause. Our focus at the moment is to work with the community and MOTI to fix the problem and get people safely back in their homes.

Sent from my iPhone

On Oct 8, 2018, at 9:08 AM, Haslam, David GCPE:EX <David.Haslam@gov.bc.ca> wrote:

Agree. Julie is best. Manage the reporters expectations. It's a holiday Monday.
Will do the best we can.

Sent from my iPhone

On Oct 8, 2018, at 9:01 AM, Platts, Robin GCPE:EX <Robin.Platts@gov.bc.ca> wrote:

I assume Julie would be best able to find the answer on this one

From: "Karemaker, Kent GCPE:EX"
<Kent.Karemaker@gov.bc.ca>
Date: October 8, 2018 at 8:23:16 AM PDT
To: "Platts, Robin GCPE:EX"
<Robin.Platts@gov.bc.ca>
Cc: "Beaupre, Darren GCPE:EX"
<Darren.Beaupre@gov.bc.ca>, "Haslam, David
GCPE:EX" <David.Haslam@gov.bc.ca>
**Subject: Fwd: Media request re: Gravel mine
above Old Fort landslide**

Hey Robin,

Happy thanksgiving!

Media request below on the landslide. I know we have an IN on this, but it doesn't really answer his questions fully.

That said, not sure how much more we'd be able to get on a holiday Monday.

Kent

Sent from my iPhone

Begin forwarded message:

From: "Grauer, Perrin"
<perrin.grauer@torstargroup.ca>
Date: October 8, 2018 at 7:49:52
AM PDT
To: "Kent.Karemaker@gov.bc.ca"
<Kent.Karemaker@gov.bc.ca>
**Subject: Media request re: Gravel
mine above Old Fort landslide**

Good Morning Mr. Karemaker,

My name is Perrin Grauer. I'm a reporter with StarMetro in Vancouver.

I'm hoping you can provide comment on some of the things I heard during a recent trip up to Old Fort, which was recently evacuated after a landslide just south of Fort St. John.

Specifically, from both community members as well as representatives of the federal, provincial and regional governments, I was told that the operators of the gravel mine (I believe the company is called Deasan Holdings Ltd.) was operating on an expired permit when the slide occurred. Is this correct?

This gravel mine is at the very top of the slide area and many people who have viewed the area have speculated that stockpiled rock at the edge of the plateau may have overloaded the slope and caused the slide. Is this consistent with your ministry's preliminary understanding of the landslide's causes?

Finally, according to a document from a 2016 meeting of the Peace River Regional District, a rezoning application for that site was approved on the stipulation "a natural buffer of 800 by 1200 feet" be established on the parcel of land from which the slide eventually occurred, in order to provide safety against just such a disaster occurring. But the stockpiled gravel very clearly comes closer to the edge of the plateau than that document stipulates. Was the Ministry of Energy and Mines aware of the fragile nature of this site when the site's current operators were permitted?

I also have an account from one of the site's neighbours that the operator of the site actually built and graded the edge of the site further out over the valley, and stockpiled on that extended plateau -- this is the area which

eventually collapsed. Was this operator permitted to do this work?

My deadline for these answers would be 4pm PST today.

Thank you kindly for your time and consideration.

Very Best,

Perrin Grauer
Reporter, StarMetro
O: (604) 648-3216
C: (236) 983-3180
T: @perringrauer
E: perrin.grauer@torstargroup.ca

Beaupre, Darren GCPE:EX

From: Nienaber, Janice GCPE:EX
Sent: Friday, October 12, 2018 12:39 PM
To: Grewar, Colin GCPE:EX
Subject: RE: RUSH - KMs for Site C (Fort St John/Dawson Creek region)

Thanks Colin!

Janice Nienaber | Public Affairs Officer
Government Communications & Public Engagement
B.C. Ministry of Advanced Education, Skills and Training
T: 778-698-1824 | C: 250-208-4560 | E: Janice.Nienaber@gov.bc.ca

From: Grewar, Colin GCPE:EX
Sent: Friday, October 12, 2018 12:27 PM
To: Nienaber, Janice GCPE:EX
Cc: Haslam, David GCPE:EX; Beaupre, Darren GCPE:EX; Porter, Rodney GCPE:EX
Subject: RE: RUSH - KMs for Site C (Fort St John/Dawson Creek region)

Hi Again Janice: Here are some highlights from the August 2018 Workforce Numbers Report for Site C that your Minister may be interested in:

- The total workforce number at Site C for August was **3,561**, which is approximately 250 workers higher than July. This is now the highest to date on the project.
- The apprentice number has increased substantially again from 93 in July to 132 in August 2018. The majority of increases are through Peace River Hydro Partners (main civil works contractor), who has again reported apprentices in the heavy equipment operator and labourer trades, and has been working through a new training program with CLAC and ITA.
- The percentage for both the B.C. and Peace River Regional District residency numbers remained fairly consistent from July to August, with the B.C. Residency increasing slightly from 79% to 80% and the Peace River Regional District numbers remaining the same at 26%
- The Indigenous number increased from 255 in July to 297 in August.



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Nienaber, Janice GCPE:EX
Sent: Friday, October 12, 2018 12:18 PM
To: Grewar, Colin GCPE:EX
Cc: Haslam, David GCPE:EX; Beaupre, Darren GCPE:EX
Subject: RE: RUSH - KMs for Site C (Fort St John/Dawson Creek region)

Thank you so much, Colin and team! Much appreciated.

From: Grewar, Colin GCPE:EX
Sent: Friday, October 12, 2018 12:06 PM
To: Nienaber, Janice GCPE:EX
Cc: Porter, Rodney GCPE:EX; Fernandes, Jennifer GCPE:EX; Haslam, David GCPE:EX; Beaupre, Darren GCPE:EX
Subject: RE: RUSH - KMs for Site C (Fort St John/Dawson Creek region)

Here you go Janice:

Site C and Old Fort Landslide:

- There is no evidence at this time to suggest that the slide is related to Site C or any of the work taking place on that project.
- The slide location is off the dam site, about one kilometre past the Gate B entrance to Site C.
- Engineers have been investigating the cause of the slide, but it hasn't been determined yet and it's too early to speculate.
- The gravel pit located directly above the slide is located outside Site C boundaries. BC Hydro does not have a contract with the gravel pit for stockpiling or other uses, nor has it been used by any of the Site C contractors or sub-contractors.
- BC Hydro is committed to safely and responsibly advancing the construction of the Site C project.
- BC Hydro's top priority is the safety of the public and workers and it continues to closely monitor the situation related to the off-site landslide
- Operations at the project site have not been impacted and work is continuing as planned.

Site C – General:

- Site C should never have been started, but to cancel it would mean big rate increases for B.C. families and businesses, or adding \$4 billion to the province's debt which would drastically reduce available funding for programs, services and infrastructure investments that British Columbians are counting on.
- Its time now to look forward and address the concerns and issues that were voiced by British Columbians over the course of the Site C review.
- The Province remains committed to Site C legacy initiatives that will advance benefits for people and communities and First Nations particularly in the Peace region.
- Government and BC Hydro are committed to engaging with First Nations, local governments and stakeholders to develop options for three Site C legacy programs - a Peace River Legacy Fund, an Indigenous-focused Clean Energy Program, and a BC Food Security Fund.
- We want to make sure development of these measures is driven by Peace region communities, First Nations, and/or provincial agricultural stakeholders.
- Funding to support these measures will come from provincial revenues from Site C. As such, the measures would not be fully implemented until Site C comes into operation in 2024.
- In the interim, First Nations, communities and agriculture in the Peace Region will continue to benefit from existing BC Hydro Site C legacy initiatives including:

- community benefits agreements,
- First Nations impacts benefits agreements and Tripartite Land Agreements, and
- the \$20 million Site C Agricultural Compensation Fund which was launched in June.



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Beaupre, Darren GCPE:EX
Sent: Friday, October 12, 2018 11:48 AM
To: Nienaber, Janice GCPE:EX; Haslam, David GCPE:EX; Grewar, Colin GCPE:EX
Cc: Porter, Rodney GCPE:EX; Fernandes, Jennifer GCPE:EX
Subject: RE: RUSH - KMs for Site C (Fort St John/Dawson Creek region)

Colin can you offer best ASAP please. See below.

From: Nienaber, Janice GCPE:EX
Sent: Friday, October 12, 2018 11:09 AM
To: Beaupre, Darren GCPE:EX; Haslam, David GCPE:EX
Cc: Porter, Rodney GCPE:EX; Fernandes, Jennifer GCPE:EX
Subject: RUSH - KMs for Site C (Fort St John/Dawson Creek region)

Hi Darren and David,

Our Minister is in Dawson Creek/Fort St John this morning. We are looking for general KMs on Site C. Are there any specific issues we should be concerned about in the region?

Minister is in Dawson Creek and Fort St John this morning and is about to do an event. Apologies for the short notice - Minister Mark just asked for this.

Thank you.

Janice Nienaber | Public Affairs Officer
Government Communications & Public Engagement
B.C. Ministry of Advanced Education, Skills and Training
T: 778-698-1824 | C: 250-208-4560 | E: Janice.Nienaber@gov.bc.ca

Beaupre, Darren GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Thursday, October 4, 2018 10:05 AM
To: Haslam, David GCPE:EX
Cc: Pope, Danielle GCPE:EX
Subject: RE: Old Fort Road Landslide and Deasan Holdings Aggregate Pit

Hey David, checking in on the QA for the gravel pit, so we can share with Scott...

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Haslam, David GCPE:EX
Sent: Thursday, October 4, 2018 9:20 AM
To: Robb, Katie GCPE:EX
Cc: Koyanagi, Victor EMPR:EX; Maxwell, Scott D TRAN:EX; Pooley, Adrian EMPR:EX; Chace, Julie EMPR:EX; Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX
Subject: Re: Old Fort Road Landslide and Deasan Holdings Aggregate Pit

Fine with me.

Sent from my iPhone

On Oct 4, 2018, at 8:16 AM, Robb, Katie GCPE:EX <Katie.Robb@gov.bc.ca> wrote:

Hi Victor,

Scott and I connected yesterday and agree that it makes sense to have one main point of contact for public updates on the slide, namely for media queries. MoTI is happy to do that and your comms shop is supportive of this approach. They are preparing some QA on the EMPR pieces so Scott has information at a high level, though for more detailed and specific questions on the EMPR angles we will have to punt those back to you, via your comms shop. David H is copied here and we'd both be happy to hop on the phone to discuss that flow further.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
M: [250.920.8371](tel:250.920.8371)

On Oct 3, 2018, at 4:08 PM, Koyanagi, Victor EMPR:EX <Victor.Koyanagi@gov.bc.ca> wrote:

Hello Katie Robb,

I have been contacted by residents of Old Fort s.22 looking for information regarding the landslide and Mines Act permit information for the Deasan Holdings gravel pit. Following discussions with Scott Maxwell and George Warnock it was determined that one point of contact representing MoTi and MEMPR was pertinent. Can you please let me know who the contact would be for this landslide such that I can provide this information to s.22

Regards,

Victor M. Koyanagi, P.Geo.
Senior Inspector of Mines, Permitting / Health and Safety
North Central / Northeast Mining Region
Ministry of Energy, Mines and Petroleum Resources
350-1011 4th Avenue
Prince George, BC V2L 3H9
Tel: (250) 565-4323 (direct line)
Tel: (250) 565-4240 (main office line)
Cell: (250) 612-7232
Fax: (250) 565-4328

From: Maxwell, Scott D TRAN:EX
Sent: Wednesday, October 3, 2018 12:56 PM
To: Koyanagi, Victor EMPR:EX
Cc: Warnock, George TRAN:EX
Subject: Old Fort Road

Hi Victor,

I spoke with Katie Robb, MoTI's GCPE Communication Director. She suggested that MoTI remain the spokesperson on the file given we've assumed that role already.

She was going to touch base with her counterpart at EMPR GCPE to gauge their opinion, but I would be surprised if it changed.

I imagine you'll get this request via your GCPE team, but the main thing we'll need from you will be; what are our talking points should the gravel pit come up? A few high level bullets will probably suffice.. you know the questions that are getting asked....

Thanks,

Scott Maxwell

Executive Director – Northern Region | Ministry of Transportation & Infrastructure
Phone (250) 565-6479 Email Scott.Maxwell@gov.bc.ca
Current Road Conditions: DriveBC.ca Find Us Online: TranBC.ca

Beaupre, Darren GCPE:EX

From: Haslam, David GCPE:EX
Sent: Wednesday, October 3, 2018 1:08 PM
To: Smith, Paula GCPE:EX; Beaupre, Darren GCPE:EX
Cc: Grewar, Colin GCPE:EX; Plummer, Glen GCPE:EX
Subject: RE: Old Fort Road Update

Thanks. Find out when this will be public info and what actions mining and MoTI staff are taking to rectify the problem and make sure it doesn't happen again. Those actions will be the focus of our messaging. Including Colin – he has the BCH angle – not related to Site C. And Glen – because he may have thoughts.

From: Smith, Paula GCPE:EX
Sent: Wednesday, October 3, 2018 12:40 PM
To: Beaupre, Darren GCPE:EX; Haslam, David GCPE:EX
Subject: FW: Old Fort Road Update

s.13,s.15

Paula Smith | Public Affairs Officer
Ministry of Energy, Mines and Petroleum Resources
Government Communications and Public Engagement
c. 250-880-6549 d. 778 974-4676

From: Cullen, Heather J EMPR:EX
Sent: Wednesday, October 3, 2018 7:40 AM
To: Smith, Paula GCPE:EX
Subject: Fwd: Old Fort Road Update

Sorry, actually this is the update

s.22

Sent from my iPhone

Begin forwarded message:

From: "Pooley, Adrian EMPR:EX" <Adrian.Pooley@gov.bc.ca>
Date: October 2, 2018 at 9:05:08 PM PDT
To: "Cullen, Heather J EMPR:EX" <Heather.Cullen@gov.bc.ca>, "Meade, Laurie EMPR:EX" <Laurie.Meade@gov.bc.ca>, "Koyanagi, Victor EMPR:EX" <Victor.Koyanagi@gov.bc.ca>
Cc: "Brash, Jennifer EMPR:EX" <Jennifer.Brash@gov.bc.ca>
Subject: Old Fort Road Update

Hi,

On our visit today the slide across Old Fort Road had increased significantly from the pictures that we saw on Monday. Material is piled 5-7m high across the road and a power line crew was working to reestablish power to the community.

There did not appear to be much change on top where the gravel pit is located. It's my understanding that MOTI is using a drone to conduct a survey of the area. We are meeting with them tomorrow morning and I will ask them to pick up the gravel pit as well.

I have given Deasan Holdings the go-ahead to remove their crushing equipment along with a trailer and fuel tank under several conditions (separate email). They are having trouble finding a geotechnical engineer to work them in developing a plan for the safe removal of their stockpiled material, citing conflict of interest issues.

s.15

Page 211

Withheld pursuant to/removed as

s.15

Adrian Pooley, P. Eng.
Inspector of Mines – Health & Safety
BC Ministry of Energy, Mines & Petroleum Resources
Phone: 250-565-6046
Cell: 250-640-6190
email: adrian.pooley@gov.bc.ca

Beaupre, Darren GCPE:EX

From: Smith, Paula GCPE:EX
Sent: Thursday, October 4, 2018 11:01 AM
To: Robb, Katie GCPE:EX
Cc: Lowe, Sonia GCPE:EX; Beaupre, Darren GCPE:EX; Phelps, Brendan GCPE:EX; Haslam, David GCPE:EX
Subject: RE: Old Fort Rd + Gravel Pit
Attachments: IN_LandslideFSJ_Oct2 2018_945.docx

Hi Katie,

I've sent it to program for some extra eyes on it, but I'll give you what I have so far and add to it if they have anything else.

Best

Paula Smith | Public Affairs Officer
Ministry of Energy, Mines and Petroleum Resources
Government Communications and Public Engagement
c. 250-880-6549 d. 778 974-4676

From: Robb, Katie GCPE:EX
Sent: Thursday, October 4, 2018 10:52 AM
To: Smith, Paula GCPE:EX; Haslam, David GCPE:EX
Cc: Lowe, Sonia GCPE:EX; Beaupre, Darren GCPE:EX; Phelps, Brendan GCPE:EX
Subject: RE: Old Fort Rd + Gravel Pit

Hi Paula – following up on this. Can we expect the QA to come soon? Thx

Katie Robb
Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Smith, Paula GCPE:EX
Sent: Wednesday, October 3, 2018 1:42 PM
To: Robb, Katie GCPE:EX; Haslam, David GCPE:EX
Cc: Lowe, Sonia GCPE:EX; Beaupre, Darren GCPE:EX; Phelps, Brendan GCPE:EX
Subject: RE: Old Fort Rd + Gravel Pit

Nice to meet you too Katie!

Brendan, pleasure to meet you as well - I'll be reaching out shortly with the Q&A and updated info.

Best

Paula Smith | Public Affairs Officer
Ministry of Energy, Mines and Petroleum Resources

From: Robb, Katie GCPE:EX
Sent: Wednesday, October 3, 2018 1:25 PM
To: Haslam, David GCPE:EX
Cc: Lowe, Sonia GCPE:EX; Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Phelps, Brendan GCPE:EX
Subject: Re: Old Fort Rd + Gravel Pit

Great thanks. Nice to meet you Paula! Brendan Phelps from our team (copied) is who you should connect with.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
M: [250.920.8371](tel:250.920.8371)

On Oct 3, 2018, at 1:19 PM, Haslam, David GCPE:EX <David.Haslam@gov.bc.ca> wrote:

Makes sense. Paula Smith is our PAO on the file. She'll work with you designated staff to get what you need. s.15

s.15 Working on getting more info.

From: Robb, Katie GCPE:EX
Sent: Wednesday, October 3, 2018 12:12 PM
To: Haslam, David GCPE:EX
Cc: Lowe, Sonia GCPE:EX
Subject: Old Fort Rd + Gravel Pit

Hi there,

Just off the phone with our Northern staff gaming out how best to coordinate spokespeople on site for Old Fort Rd. Scott Maxwell, our Regional Director up there, is happy to do it and I think it makes sense for MoTI to keep leading media response. Any objections? If no, would be helpful to have from you a few QA about the gravel pit (private) above Old Fort Rd to arm Scott with some info for future media requests.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

ADVICE TO MINISTER

<p style="text-align: center;">CONFIDENTIAL GCPE-MEMPR ISSUE NOTE</p> <p>Ministry of Energy, Mines and Petroleum Resources Date: Oct 5, 2018 Minister Responsible: Hon. Michelle Mungall</p>	<p style="text-align: center;">Gravel Pit – Landslide Fort St. John</p>
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ADVICE AND RECOMMENDED RESPONSE:

s.13

KEY FACTS REGARDING THE ISSUE:

On Sept. 29, 2018, a landslide occurred above Old Fort Road near Fort St. John. The landslide damaged pavement and required the road to close. The Ministry of Transportation and Infrastructure alerted their stakeholders and initiated a geotechnical assessment.

s.13

ADVICE TO MINISTER

s.13

ADVICE TO MINISTER

s.13

Beaupre, Darren GCPE:EX

From: Alexis, Greg <Greg.Alexis@bchydro.com>
Sent: Tuesday, October 9, 2018 5:06 PM
To: Haslam, David GCPE:EX; Robb, Katie GCPE:EX; Robins, Shawn GCPE:EX
Cc: Sauer, Darwin; Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX; Zdravec, Don GCPE:EX
Subject: RE: Old Fort messaging
Attachments: 2018-10-10 IN - Old Fort Road landslide - updated.docx; IN Old Fort Road Landslide (3).docx - BCH edits.docx

Please find attached BC Hydro's updated issues note on the landslide. We have also made some suggested edits to MoTI's note that was sent earlier.

From: Haslam, David GCPE:EX [<mailto:David.Haslam@gov.bc.ca>]
Sent: 2018, October 09 3:12 PM
To: Robb, Katie GCPE:EX; Robins, Shawn GCPE:EX
Cc: Sauer, Darwin; Alexis, Greg; Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX; Zdravec, Don GCPE:EX
Subject: RE: Old Fort messaging

Including Don Z. We're also working on an EMPR staffer to be there to brief MMF as well. Looks like it's going to be Adrian Poole – will let you know when I confirm.

From: Robb, Katie GCPE:EX
Sent: Tuesday, October 9, 2018 2:52 PM
To: Haslam, David GCPE:EX; Robins, Shawn GCPE:EX
Cc: 'Sauer, Darwin'; Greg Alexis (Greg.Alexis@bchydro.com); Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX
Subject: RE: Old Fort messaging

Here is our updated IN. Scott Maxwell, MoTI's ED for the North, will be there to brief Minister Farnworth tomorrow.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Haslam, David GCPE:EX
Sent: Tuesday, October 9, 2018 2:34 PM
To: Robins, Shawn GCPE:EX
Cc: Robb, Katie GCPE:EX; 'Sauer, Darwin'; Greg Alexis (Greg.Alexis@bchydro.com); Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX
Subject: Old Fort messaging

Shawn – as discussed attached is MoTI IN on Old Fort to support MMF tour of the EOC tomorrow 10 am to 11 am. BC Hydro coms is working on additional Site C landslide messaging. In addition to Katie Robb, I've included Darwin Saurer

and Site C manager Greg Alexis as well so all in the loop. I'll reach out to EMPR staff to see if it's possible to provide MMF a technical briefing on at the EOC. Trust this helps - David

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BC HYDRO ISSUES NOTE

Issue:	LANDSLIDE ABOVE OLD FORT
Spokesperson:	Greg Alexis, Public Affairs Manager, Site C

ISSUE SUMMARY

A landslide took place above Old Fort Road the weekend of September 29/30. The slide location is about one kilometre past the eastern entrance to the Site C project site.

BACKGROUND – LANDSLIDE

- Sometime late Saturday night (Sept. 29) / early Sunday morning (Sept. 30), a landslide took place above Old Fort Road.
 - The slide location is off dam site and approximately 1 km past (east of) the Gate 'B' entrance to Site C.
- There is a gravel pit (Blair's Sand & Gravel) located directly above the slide.
 - The gravel pit operation is located outside of Site C boundaries
 - BC Hydro does not have a contract with Blair's Sand & Gravel for stockpiling or other uses, nor has it been used by any of the Site C contractors or sub-contractors.
- There is no evidence at this time that the slide is related to Site C or any of the work taking place on the project.
- Operations at the project site have not been impacted and work is continuing as planned.
- On October 7, the Peace River Regional District issued an evacuation order for the entire community of Old Fort.
- On October 8, BC Hydro provided the Peace River Regional District access to the Site C dock to assist with the evacuation of residents.

BACKGROUND – SLOPE STABILITY

- Prior to the start of Site C construction, BC Hydro conducted extensive engineering investigations, analysis and review into the geology of the Site C project area.
 - Identified geotechnical risks, along with mitigation measures, were reported in the Site C Project's Environmental Impact Statement.
- Historical landslide complexes in the Peace Valley are very common and are addressed in the design and assessment of all Site C project areas, including:
 - the Highway 29 realignment
 - the Hudson's Hope berm;
 - the Site C earthfill dam and associated permanent features.
- Historical slides are addressed with the project excavations and stabilization measures at the dam site.

- This includes the left bank overburden excavation which is a slope stabilization of over 11 million cubic metres.
- An extensive inventory of existing slides is incorporated into the reservoir impact lines, which outlines the predicted effects of the Site C reservoir on slope stability and erosion.
- Stability issues and the potential for tension cracks on the north bank were expected, which is why the slope is being excavated to remove unstable overburden materials prior to completion of the permanent works.
- As part of Site C construction, work has been underway since the summer of 2015 to remove unstable material on the north bank to create stable slopes for eventual dam construction.
 - This work is being done in accordance with international and Canadian safety practices to withstand unlikely events, such as an extreme earthquake.
 - Slope stabilization activities include the construction of access roads and haul roads, excavation of unstable materials and relocation and storage of excavated materials for future use in other areas of the project.
- As of August 2018, more than 11 million cubic metres of material (including overburden and shale bedrock) have been excavated from the north bank.
- Keeping with international best practice, BC Hydro also has a Technical Advisory Board for Site C that provides on-going technical advice on the engineering and design of the project.
- The members of the Site C Technical Advisory Board are globally recognized for their technical knowledge and experience with the design of hydroelectric projects around the world.

KEY MESSAGES

- BC Hydro is committed to safely and responsibly advancing the construction of the Site C project.
- Our top priority is the safety of the public and our workers and we continue to closely monitor the situation related to the off-site landslide.
- There is no evidence at this time that the slide is related to Site C or any of the work taking place on the project.
- The slide location is off dam site and about 1 km past the Gate 'B' entrance to site and that gate remains open for workers and contractors accessing site.

- Operations at the project site have not been impacted and work is continuing as planned.

TOP QUESTIONS AND ANSWERS

- 1. People are saying that the gravel pit, located above Old Fort Road, triggered the landslide. Was the gravel pit being used for the project?**
 - No, the gravel operation above the slide is not part of the project.
- 2. Why would BC Hydro build a dam in an area that has history of landslides?**
 - BC Hydro is committed to safely and responsibly advancing the construction of the Site C project.
 - BC Hydro has conducted extensive engineering studies into the geology of the project area – including the dam site – for decades.
 - The issue of historical slides in the area is well documented and is being addressed with the excavations and stabilization measures that have been taking place at site since construction started in 2015.
 - For example, BC Hydro has removed more than 11 million cubic metres of overburden materials on the north bank to create a stable slope for the dam.
- 3. Why is BC Hydro building a dam on shale?**
 - Site C is being built – and will be maintained – to international and Canadian safety standards so it can withstand major events like earthquakes and floods.
 - BC Hydro has conducted extensive engineering studies into the geology of the project area – including the dam site – for decades.
 - The presence of shale bedrock is well documented in the project’s environmental impact statement (EIS).
 - The EIS was reviewed by the Site C Joint Review Panel and later approved by the provincial and federal governments in 2014.
 - Building hydro-electric dams on shale bedrock is not uncommon.
 - The environmental impact statement for Site C identified 16 other earthfill dams around the world that were built on similar bedrock.
 - BC Hydro has incorporated into the design a concrete buttress that will be placed under the spillway and generating station for increased stability and seismic protection.
- 4. Is BC Hydro doing anything to help Old Fort residents?**
 - BC Hydro provided the Peace River Regional District use of our dock at Site C to help with the evacuation of local residents over the weekend.
 - We will continue to monitor the situation closely and work with officials to provide support and assistance where possible.
- 5. Has BC Hydro heard any concerns from workers about the conditions of the roads coming into site?**
 - We have not heard any concerns about the stability of the roads coming into the project area.
 - Any concerns specific to those roads should be directed to the Peace River Regional District.

Page 223 to/à Page 224

Withheld pursuant to/removed as

s.13

ADVICE TO MINISTER

	HD, SM		KR
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Beaupre, Darren GCPE:EX

From: Sanderson, Melissa EMPR:EX
Sent: Monday, October 8, 2018 3:39 PM
To: Haslam, David GCPE:EX
Subject: Re: Old fort landslide public meeting

Can I get a copy of the latest IN?

Sent from my iPhone

> On Oct 8, 2018, at 2:35 PM, Haslam, David GCPE:EX <David.Haslam@gov.bc.ca> wrote:

>

> Melissa. Report from EMPR staff below on today's public meeting:

>

> EOC/PRRD/RCMP are working on allowing limited access for people to get their belongings.

>

> An EMPR H&S inspector was on the phone and answered a few questions sticking to facts and not commenting on anything outside his scope. In general there were questions around who is liable, is ministry covering up knowledge of landslides in the summer, what is the company allowed and not allowed to do right now, will there be an independent investigation, can we shut down site C, can we prevent the company from selling material they are taking off site etc. Also question came up about previous geotech studies done by ministry and site history. Staff will produce a summary report tomorrow. We'll update our IN noting the incident is still under investigation and the government's priority is to ensure safety of the community and getting the road cleared. I expect media coverage to continue. EMPR, MOTI and BCH responses focus on operational info updates.

>

>

> Sent from my iPhone

Beaupre, Darren GCPE:EX

From: Phelps, Brendan GCPE:EX
Sent: Wednesday, October 3, 2018 1:48 PM
To: Smith, Paula GCPE:EX; Robb, Katie GCPE:EX; Haslam, David GCPE:EX
Cc: Lowe, Sonia GCPE:EX; Beaupre, Darren GCPE:EX
Subject: RE: Old Fort Rd + Gravel Pit
Attachments: IN Old Fort Road Landslide.docx

Great, thanks Paula.

Feel free to send media requests about this our way, but if a reporter does throw a question at your minister at the Legislature, here is our IN:

Cheers,
Brendan

Brendan Phelps | Public Affairs Officer
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Office: 250 387-8619 | Mobile: 250 888-3402 | E: brendan.phelps@gov.bc.ca

From: Smith, Paula GCPE:EX
Sent: Wednesday, October 3, 2018 1:42 PM
To: Robb, Katie GCPE:EX; Haslam, David GCPE:EX
Cc: Lowe, Sonia GCPE:EX; Beaupre, Darren GCPE:EX; Phelps, Brendan GCPE:EX
Subject: RE: Old Fort Rd + Gravel Pit

Nice to meet you too Katie!

Brendan, pleasure to meet you as well - I'll be reaching out shortly with the Q&A and updated info.

Best

Paula Smith | Public Affairs Officer
Ministry of Energy, Mines and Petroleum Resources
Government Communications and Public Engagement
c. 250-880-6549 d. 778 974-4676

From: Robb, Katie GCPE:EX
Sent: Wednesday, October 3, 2018 1:25 PM
To: Haslam, David GCPE:EX
Cc: Lowe, Sonia GCPE:EX; Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Phelps, Brendan GCPE:EX
Subject: Re: Old Fort Rd + Gravel Pit

Great thanks. Nice to meet you Paula! Brendan Phelps from our team (copied) is who you should connect with.

Katie Robb
Communications Director | Ministry of Transportation and Infrastructure

On Oct 3, 2018, at 1:19 PM, Haslam, David GCPE:EX <David.Haslam@gov.bc.ca> wrote:

Makes sense. Paula Smith is our PAO on the file. She'll work with you designated staff to get what you need. s.15

s.15 . Working on getting more info.

From: Robb, Katie GCPE:EX
Sent: Wednesday, October 3, 2018 12:12 PM
To: Haslam, David GCPE:EX
Cc: Lowe, Sonia GCPE:EX
Subject: Old Fort Rd + Gravel Pit

Hi there,

Just off the phone with our Northern staff gaming out how best to coordinate spokespeople on site for Old Fort Rd. Scott Maxwell, our Regional Director up there, is happy to do it and I think it makes sense for MoTI to keep leading media response. Any objections? If no, would be helpful to have from you a few QA about the gravel pit (private) above Old Fort Rd to arm Scott with some info for future media requests.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

ADVICE TO MINISTER

<p style="text-align: center;">CONFIDENTIAL ISSUES NOTE</p> <p>Ministry: Transportation and Infrastructure Date: October 3, 2018 Minister Responsible: Claire Trevena</p>	<p>Old Fort Road Landslide (near Fort St. John)</p>
---	--

ADVICE AND RECOMMENDED RESPONSE:

s.13

If asked, where did the landslide take place?

- The slide took place approximately 1 kilometre west of the Old Fort community, just south of Fort St. John.

If asked, what is the impact to the local community?

- There is no immediate risk to the Old Fort community, however the slide continues to move and it could be several days before it stops.
- Old Fort Road has been damaged, and the road to the community is closed until the site is safe for crews to start repairs.
- An evacuation order has been issued for the Peace River Lookout and lands directly south and south-east, which includes a gravel operation above the slide.
- The Old Fort subdivision is under evacuation alert, which may turn into an evacuation order at some point. This would not be due to lack of services, such as

electricity – but at this time, power has been restored.

- Two structures may be required to be put on evacuation order soon.
- Approximately half of the properties have voluntarily evacuated by boat, and an Emergency Social Services reception has been activated in Fort St. John.
- The Peace River Regional District has organized a water taxi for residents to go in and out of the community with three daily departures:
 - Departure from Old Fort (beach behind 8711 residence) to Taylor Boat Launch at 7:00am, 8:00am, 9:00am
 - Departure from Taylor Boat Launch to Old Fort (beach behind 8711 residence) at 4:00pm, 5:00pm, 6:00pm
- The Peace River Regional District “Official Page” is providing frequent updates: <https://www.facebook.com/OfficialPRRD/>

s.13

BACKGROUND REGARDING THE ISSUE:

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately 1 kilometre west of the Old Fort community, which is just south of Fort St John.

A preliminary field and air assessment has been completed, and landslide specialists are on route. The slide continues to move and it could be several days before it stops. 24-hour traffic control and slide monitoring is in place.

The Old Fort Road has been damaged and the road to the community is closed until the site can be determined to be safe to allow crews to enter to start the repairs.

The Ministry is working with the Peace River Regional District (PRRD) to find suitable access options for the residents in the meantime.

It has been determined that there is no immediate risk to the Old Fort community.

ADVICE TO MINISTER

An evacuation order has been issued for the Peace River Lookout and lands directly south and south-east, which includes a gravel operation near the top above the slide.

<https://www.alaskahighwaynews.ca/fort-st-john/landslide-closes-old-fort-road-1.23447398>

Communications Contact:	Brendan Phelps	250-387-8619
Program Contact:	Hali Davenport	250-787-3310

Minister's Office	Program Area	ADM	Comm. Dir
	HD		

Beaupre, Darren GCPE:EX

From: Haslam, David GCPE:EX
Sent: Monday, October 1, 2018 6:30 AM
To: Pope, Danielle GCPE:EX
Cc: Robb, Katie GCPE:EX; Bowness, Lianne GCPE:EX
Subject: Re: Update: Old Fort Road

Apologies for missing this. Bch sent a response to global. So all good.

Sent from my iPhone

On Sep 30, 2018, at 6:15 PM, Pope, Danielle GCPE:EX <Danielle.Pope@gov.bc.ca> wrote:

Hi David,

Is it ok to share some of your messaging with this reporter on the Site C angle? Or, can I refer him to your side?

Thanks,
Danielle

Sent from my iPhone

Begin forwarded message:

From: Matt Preprost <editor@ahnfsj.ca>
Date: September 30, 2018 at 5:52:42 PM PDT
To: "Pope, Danielle GCPE:EX" <danielle.pope@gov.bc.ca>
Subject: Re: Update: Old Fort Road

Hi Danielle very much appreciated, thank you.

Any answers yet as to the cause? There's a gravel pit above the slide and Site C construction in the area, are those activities being considered in the assessment?

Matt

Get [Outlook for iOS](#)

From: Pope, Danielle GCPE:EX <Danielle.Pope@gov.bc.ca>
Sent: Sunday, September 30, 2018 5:48:57 PM
To: Matt Preprost
Subject: Update: Old Fort Road
Hi Matt,

Here is some additional information about the slide today. You can attribute this to the Ministry of Transportation and Infrastructure. A boot is also attached.

Thanks,
Danielle

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately 1 km west of the Old Fort community, which is just south of Fort St John.

A preliminary field and air assessment has been completed, and landslide specialists are on route. The slide continues to move and it could take several days before it stops. 24-hour traffic control and slide monitoring is in place.

The Old Fort Road has been damaged and the road to the community is closed until the site can be determined to be safe to allow crews to enter to start the repairs.

The Ministry is working with the Peace River Regional District (PRRD) to find suitable access options for the residents in the meantime.

It has been determined that there is no immediate risk to the Old Fort community.

An evacuation order has been issued for the Peace River Lookout and lands directly south and south-east, which includes a gravel operation near the top above the slide.

Photo of incident from the air has been attached.

[cid:718AFF84-6595-4E1C-9200-AF8BBBC5CBAA]

Beaupre, Darren GCPE:EX

From: Peace River Regional District <Fran.Haughian@prrd.bc.ca>
Sent: Friday, October 12, 2018 1:59 PM
To: Smith, Paula GCPE:EX
Subject: Update for Old Fort Residents - Oct 12, 2018 - PRRD Emergency News

PRRD Emergency News

[View this email in your browser](#)



EMERGENCY NEWS

[Update for Old Fort Residents - Oct 12, 2018](#)

Oct 12 2018 1:10pm

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Copyright

Beaupre, Darren GCPE:EX

From: Grewar, Colin GCPE:EX
Sent: Monday, October 1, 2018 10:42 AM
To: 'Alexis, Greg'
Cc: Beaupre, Darren GCPE:EX
Subject: RE: Old Fort Rd landslide 📧

Thanks Greg.

Colin



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Alexis, Greg [<mailto:Greg.Alexis@bchydro.com>]
Sent: Monday, October 1, 2018 10:37 AM
To: Grewar, Colin GCPE:EX
Cc: Beaupre, Darren GCPE:EX
Subject: RE: Old Fort Rd landslide 📧

Hi guys,

We looked into this yesterday and it's not BC Hydro or related to Site C. The gravel pit is owned by Blair's Sand and Gravel. (See attached photo)

On another note, we are putting together a more fulsome issues note on this event along with some details about overall site stability that we will send through later today.

Thanks,

Greg

From: Grewar, Colin GCPE:EX [<mailto:Colin.Grewar@gov.bc.ca>]
Sent: 2018, October 01 10:32 AM
To: Alexis, Greg
Cc: Beaupre, Darren GCPE:EX
Subject: Old Fort Rd landslide 📧

Hi Greg: GCPE at EMBC has asked us if the gravel pit referenced in the story below on the Old Fort landslide (highlighted) has any connection to the Site C project.

We provided them with your messaging as below, but can you provide any further information on the gravel pit?

- BC Hydro is committed to safely and responsibly advancing the construction of the Site C project.
- We are aware of the landslide that took place above Old Fort Road late Saturday/early Sunday morning.
- There is no evidence at this time that the slide is related to Site C or any of the work taking place on the project.
- The slide location is off dam site and about 1 km past the Gate 'B' entrance to Site C.
- Operations at the project site have not been impacted and work is continuing as planned.
- For further information about the landslide, please contact the Ministry of Transportation of Transportation and Infrastructure (MoTI).

CKFU (Fort St John)

01-Oct-2018 06:00

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Beaupre, Darren GCPE:EX

From: Peace River Regional District <Fran.Haughian@prrd.bc.ca>
Sent: Thursday, October 11, 2018 4:10 PM
To: Smith, Paula GCPE:EX
Subject: The Peace River Regional District will not tolerate entry into the evacuation order area effective October 12, 2018 at 6:00 am - PRRD Emergency News

PRRD Emergency News

[View this email in your browser](#)



EMERGENCY NEWS

The Peace River Regional District will not tolerate entry into the evacuation order area effective October 12, 2018 at 6:00 am

Oct 11 2018 4:10pm

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Beaupre, Darren GCPE:EX

From: Haslam, David GCPE:EX
Sent: Monday, October 1, 2018 9:16 AM
To: Pope, Danielle GCPE:EX
Cc: Robb, Katie GCPE:EX; Bowness, Lisanne GCPE:EX; Phelps, Brendan GCPE:EX
Subject: Re: Update: Old Fort Road

Oops. Yes please.

Sent from my iPhone

On Oct 1, 2018, at 9:14 AM, Pope, Danielle GCPE:EX <Danielle.Pope@gov.bc.ca> wrote:

Thanks David – this reporter is actually from the Alaska Highway News. Would you'd like me to send him to BC Hydro for response on these questions?

“Any answers yet as to the cause? There’s a gravel pit above the slide and Site C construction in the area, are those activities being considered in the assessment?”

Thanks,
Danielle

Danielle Pope | Media Relations
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Telephone: 250-356-8241 | Mobile: 778-679-0133
Danielle.Pope@gov.bc.ca

From: Haslam, David GCPE:EX
Sent: Monday, October 1, 2018 6:30 AM
To: Pope, Danielle GCPE:EX
Cc: Robb, Katie GCPE:EX; Bowness, Lisanne GCPE:EX
Subject: Re: Update: Old Fort Road
Apologies for missing this. Bch sent a response to global. So all good.

Sent from my iPhone

On Sep 30, 2018, at 6:15 PM, Pope, Danielle GCPE:EX <Danielle.Pope@gov.bc.ca> wrote:

Hi David,
Is it ok to share some of your messaging with this reporter on the Site C angle?
Or, can I refer him to your side?
Thanks,
Danielle

Sent from my iPhone

Begin forwarded message:

From: Matt Preprost <editor@ahnfsj.ca>
Date: September 30, 2018 at 5:52:42 PM PDT

To: "Pope, Danielle GCPE:EX" <danielle.pope@gov.bc.ca>

Subject: Re: Update: Old Fort Road

Hi Danielle very much appreciated, thank you.

Any answers yet as to the cause? There's a gravel pit above the slide and Site C construction in the area, are those activities being considered in the assessment?

Matt

Get [Outlook for iOS](#)

From: Pope, Danielle GCPE:EX <Danielle.Pope@gov.bc.ca>

Sent: Sunday, September 30, 2018 5:48:57 PM

To: Matt Preprost

Subject: Update: Old Fort Road

Hi Matt,

Here is some additional information about the slide today. You can attribute this to the Ministry of Transportation and Infrastructure. A boot is also attached.

Thanks,
Danielle

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately 1 km west of the Old Fort community, which is just south of Fort St John.

A preliminary field and air assessment has been completed, and landslide specialists are on route. The slide continues to move and it could take several days before it stops. 24-hour traffic control and slide monitoring is in place.

The Old Fort Road has been damaged and the road to the community is closed until the site can be determined to be safe to allow crews to enter to start the repairs.

The Ministry is working with the Peace River Regional District (PRRD) to find suitable access options for the residents in the meantime.

It has been determined that there is no immediate risk to the Old Fort community.

An evacuation order has been issued for the Peace River Lookout and lands directly south and south-east, which includes a gravel operation near the top above the slide.

Photo of incident from the air has been attached.

[cid:718AFF84-6595-4E1C-9200-AF8BBBC5CBAA]

Beaupre, Darren GCPE:EX

From: Alexis, Greg <Greg.Alexis@bchydro.com>
Sent: Monday, October 1, 2018 11:47 AM
To: Sanderson, Melissa EMPR:EX; Haslam, David GCPE:EX
Cc: Sauer, Darwin; Deeley, Anna; Conway, David; Beaupre, Darren GCPE:EX
Subject: Site C issues note: Old Fort Road landslide
Attachments: 2018-10-01 IN - Old Fort Road landslide (3).docx

Melissa and David,

Here is the issues note on the Old Fort Road landslide.

Please let us know if you have any questions.

Thanks,

Greg

Greg Alexis | Manager of Public Affairs & Community Relations, Site C

BC Hydro

333 Dunsmuir St, 6th floor
Vancouver, BC V6B 5R3

P 604 623 4546

M 604 364 8846

E greg.alexis@bchydro.com

bchydro.com

Smart about power in all we do.

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BC HYDRO ISSUES NOTE

Issue:	LANDSLIDE ABOVE OLD FORT ROAD
Spokesperson:	Greg Alexis, Public Affairs Manager, Site C

ISSUE SUMMARY

A landslide took place above Old Fort Road overnight Saturday, September 29. The slide location is approximately 1 km past the eastern entrance to the Site C project site.

BACKGROUND – LANDSLIDE

- Sometime late Saturday night (Sept. 29) / early Sunday morning (Sept. 30), a landslide took place above Old Fort Road.
 - The slide location is off dam site and approximately 1 km past (east of) the Gate 'B' entrance to Site C.
- The slide has caused damage to the road. Access to the community of Old Fort is closed until the area can be determined to be safe to allow crews to enter to start the repairs.
- There is a gravel pit (Blair's Sand & Gravel) located directly above the slide.
 - The gravel pit operation is located outside of Site C boundaries
 - BC Hydro does not have a contract with Blair's Sand & Gravel for stockpiling or other uses, nor has it been used by any of the Site C contractors or sub-contractors.
- There is no evidence at this time that the slide is related to Site C or any of the work taking place on the project.
- Operations at the project site have not been impacted and work is continuing as planned.
- The Peace River Regional District (PRRD) issued an evacuation order for the area directly above the slide area, including the Peace River Lookout and the lands directly south and south east.
- Safety is our top priority and we are monitoring the situation closely.
- BC Hydro is working with the RCMP, the PRRD, the Ministry of Transportation and Infrastructure and local authorities to assist in any way we can.

BACKGROUND – SLOPE STABILITY

- Prior to the start of Site C construction, BC Hydro conducted extensive engineering investigations, analysis and review into the geology of the Site C project area.
 - Identified geotechnical risks, along with mitigation measures, were reported in the Site C Project's Environmental Impact Statement.

- Historical landslide complexes in the Peace Valley are very common and are addressed in the design and assessment of all Site C project areas, including:
 - the Highway 29 realignment
 - the Hudson's Hope berm;
 - the Site C earthfill dam and associated permanent features.
- Historical slides are addressed with the project excavations and stabilization measures at the dam site.
- This includes the left bank overburden excavation which is a slope stabilization of over 11 million cubic metres.
- An extensive inventory of existing slides is incorporated into the reservoir impact lines, which outlines the predicted effects of the Site C reservoir on slope stability and erosion.
- Stability issues and the potential for tension cracks on the north bank were expected, which is why the slope is being excavated to remove unstable overburden materials prior to completion of the permanent works.
- As part of Site C construction, work has been underway since the summer of 2015 to remove unstable material on the north bank to create stable slopes for eventual dam construction.
 - This work is being done in accordance with international and Canadian safety practices to withstand unlikely events, such as an extreme earthquake.
 - Slope stabilization activities include the construction of access roads and haul roads, excavation of unstable materials and relocation and storage of excavated materials for future use in other areas of the project.
- As of August 2018, more than 11 million cubic metres of material (including overburden and shale bedrock) have been excavated from the north bank.
- Keeping with international best practice, BC Hydro also has a Technical Advisory Board for Site C that provides on-going technical advice on the engineering and design of the project.
- The members of the Site C Technical Advisory Board are globally recognized for their technical knowledge and experience with the design of hydroelectric projects around the world.

KEY MESSAGES

- BC Hydro is committed to safely and responsibly advancing the construction of the Site C project.

- We are aware of the landslide that took place above Old Fort Road late Saturday/early Sunday morning.
- There is no evidence at this time that the slide is related to Site C or any of the work taking place on the project.
- The slide location is off dam site and about 1 km past the Gate 'B' entrance to site.
- Operations at the project site have not been impacted and work is continuing as planned.
- For further information about the landslide, please contact the Ministry of Transportation of Transportation and Infrastructure (MoTI).

TOP QUESTIONS AND ANSWERS

1. **People are saying that the gravel pit, located above Old Fort Road, triggered the landslide. Was the gravel pit being used as a stockpile site for the Site C project?**
 - No. BC Hydro does not have a contract with Blair's Sand & Gravel for stockpiling or other uses, nor has it been used by any of the Site C contractors or sub-contractors.
2. **Why would BC Hydro build a dam in an area that has history of landslides?**
 - BC Hydro is committed to safely and responsibly advancing the construction of the Site C project.
 - BC Hydro has conducted extensive engineering studies into the geology of the project area – including the dam site – for decades.
 - The issue of historical slides in the area is well documented and is being addressed with the excavations and stabilization measures that have been taking place at site since construction started in 2015.
 - For example, BC Hydro has removed more than 11 million cubic metres of overburden materials on the north bank to create a stable slope for the dam.
3. **Why is BC Hydro building a dam on shale?**
 - Site C is being built – and will be maintained – to international and Canadian safety standards so it can withstand major events like earthquakes and floods.
 - BC Hydro has conducted extensive engineering studies into the geology of the project area – including the dam site – for decades.
 - The presence of shale bedrock is well documented in the project's environmental impact statement (EIS).
 - The EIS was reviewed by the Site C Joint Review Panel and later approved by the provincial and federal governments in 2014.
 - Building hydro-electric dams on shale bedrock is not uncommon.
 - The environmental impact statement for Site C identified 16 other earthfill dams around the world that were built on similar bedrock.
 - BC Hydro has incorporated into the design a concrete buttress that will be placed under the spillway and generating station for increased stability and seismic protection.

Beaupre, Darren GCPE:EX

From: Platts, Robin GCPE:EX
Sent: Tuesday, October 9, 2018 10:14 AM
To: Phelps, Brendan GCPE:EX; Maxwell, Scott D TRAN:EX; Davenport, Hali N TRAN:EX; Karemaker, Kent GCPE:EX; Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX
Cc: Robb, Katie GCPE:EX; Bowness, Lianne GCPE:EX
Subject: RE: Old Fort messaging
Attachments: IN Old Fort Road Landslide.docx

Hi,

Looping Paula Smith back in here. s.22
s.22

From: Phelps, Brendan GCPE:EX
Sent: Tuesday, October 9, 2018 10:12 AM
To: Maxwell, Scott D TRAN:EX; Davenport, Hali N TRAN:EX; Platts, Robin GCPE:EX; Karemaker, Kent GCPE:EX; Beaupre, Darren GCPE:EX
Cc: Robb, Katie GCPE:EX; Bowness, Lianne GCPE:EX
Subject: Old Fort messaging

Hi all,

We're trying to update our Old Fort IN.

Scott/Hali:

- Any further details about what MOTI is doing, other than 24-hour monitoring and exploring alternate road access options?
- Any messaging regarding the long-term plan for residents – how long will they be evacuated/get ESS, how do they get ESS, etc.?
- Any messaging regarding the cause of the slide or the facts. s.13

EMPR:

- Can we provide any more details about the gravel pit, other than Deasn has been approved to remove the stockpile?
- Do we know if the gravel pit was the cause of the landslide, or can we confirm otherwise?

Thanks very much,
Brendan

Brendan Phelps | Public Affairs Officer
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Office: 250 387-8619 | Mobile: 250 888-3402 | E: brendan.phelps@gov.bc.ca

ADVICE TO MINISTER

<p style="text-align: center;">CONFIDENTIAL ISSUES NOTE</p> <p>Ministry: Transportation and Infrastructure Date: October 9, 2018 Minister Responsible: Claire Trevena</p>	<p>Old Fort Road Landslide (near Fort St. John)</p>
---	--

ADVICE AND RECOMMENDED RESPONSE:

s.13

If asked, where did the landslide take place?

- The slide took place approximately 1 kilometre west of the Old Fort community, just south of Fort St. John.

If asked, what is the impact to the local community?

- There is now an evacuation order in effect for all residents in the area – an Emergency Social Services Reception Centre has been activated in Fort St. John at the Pomeroy Sports Centre.
- Old Fort Road has been damaged, and the road to the community is closed until the slide stops moving and the site is safe for crews to start repairs.
- The Peace River Regional District is providing frequent updates:
Website – <https://prrd.bc.ca/>
Facebook – <https://www.facebook.com/OfficialPRRD/>
- There are three impacted areas – the main original slide, the west slide, and the east area (totalling more than 6 million cubic metres).

If asked, what is the ministry doing to address this issue?

- We are working around the clock to find a solution – 24-hour traffic control and slide monitoring is in place.
- Ministry staff are working closely with the Peace River Regional District geotechnical professionals, and we are exploring possible options for road access to the community.
- We will continue to provide updates as more information becomes available.

s.13

BACKGROUND REGARDING THE ISSUE:

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately 1 kilometre west of the Old Fort community, which is just south of Fort St John.

A preliminary field and air assessment has been completed, and landslide specialists are on route. The slide continues to move and it could be several days before it stops. 24-hour traffic control and slide monitoring is in place.

The Old Fort Road has been damaged and the road to the community is closed until the site can be determined to be safe to allow crews to enter to start the repairs.

The Ministry is working with the Peace River Regional District (PRRD) to find suitable access options for the residents in the meantime.

There is now an evacuation order in effect for all residents in the area – an Emergency Social Services Reception Centre has been activated in Fort St. John at the Pomeroy Sports Centre.

Communications Contact:
Program Contact:

Brendan Phelps
Hali Davenport

250-387-8619
250-787-3310

ADVICE TO MINISTER

Minister's Office	Program Area	ADM	Comm. Dir
	HD		

Beaupre, Darren GCPE:EX

From: Karemaker, Kent GCPE:EX
Sent: Monday, October 1, 2018 3:45 PM
To: 'Alexis, Greg'
Cc: Grewar, Colin GCPE:EX; Beaupre, Darren GCPE:EX; Sauer, Darwin
Subject: RE: Peace landslide near Site C

Hi Greg,

If it's okay with you, we think a response would be best coming from Hydro on this. We would like to refer the reporter to BCH for a response.

Best,

Kent Karemaker | Media Relations
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Telephone: 250-886-5400
Kent.Karemaker@gov.bc.ca

From: Alexis, Greg [<mailto:Greg.Alexis@bchydro.com>]
Sent: Monday, October 1, 2018 12:00 PM
To: Karemaker, Kent GCPE:EX
Cc: Grewar, Colin GCPE:EX; Beaupre, Darren GCPE:EX; Sauer, Darwin
Subject: RE: Peace landslide near Site C

Hi Kent,

Here are some suggested response points for this request.

Thanks,

Greg

From: Sarah Cox [<mailto:sarah@thenarwhal.ca>]
Sent: Monday, October 1, 2018 10:36 AM
To: Karemaker, Kent GCPE:EX
Subject: Peace landslide near Site C

Good morning Kent,

I'm working on a story about the on-going landslide near the town of Old Fort, near an entranceway to the Site C dam worksite, and have a few questions for the ministry.

1) Was BC Hydro monitoring the former gravel pit -- at the top of the hill that collapsed -- that had been repurposed as a stockpile site for Site C? Local residents report stockpiled materials piled up at the pit before the slide.

- The gravel pit is not related to the Site C project.

2) Will there be an independent safety review of the Site C project given this slide and other geotechnical issues and the fact that BC Hydro recently announced that the dam will be built on shale rather than bedrock?

- There will be no safety review as there is no evidence to suggest the slide was related to the project.
- BC Hydro has conducted extensive engineering studies into the geology of the project area – including the dam site – for decades.
- The issue of historical slides in the area is well documented and its being addressed by BC Hydro with the excavations and stabilization measures that have been taking place at site since construction started in 2015.
- For example, BC Hydro has removed over 11 million of cubic metres of overburden materials on the north bank to create a stable slope for the dam.
- On the south bank, BC Hydro has incorporated into the design a concrete buttress that will be placed under the spillway and generating station for increased stability and seismic protection.
- Further, the presence of shale bedrock is well documented in the project’s environmental impact statement.
- This was reviewed by the Site C Joint Review Panel and later approved by the provincial and federal governments in 2014.
- Building hydro-electric dams on shale bedrock is not uncommon.
- The environmental impact statement for Site C identified 16 other earthfill dams around the world that were built on similar bedrock.

My deadline is 3 pm today.

thank-you,

Sarah

Sarah Cox
The Narwhal
250-812-1762

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Beaupre, Darren GCPE:EX

From: Grewar, Colin GCPE:EX
Sent: Monday, October 1, 2018 12:51 PM
To: Beaupre, Darren GCPE:EX; Karemaker, Kent GCPE:EX; Smith, Paula GCPE:EX
Cc: Haslam, David GCPE:EX
Subject: RE: Peace landslide near Site C

Then yes, Kent should probably run the messaging by Les.

Colin



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Beaupre, Darren GCPE:EX
Sent: Monday, October 1, 2018 12:46 PM
To: Grewar, Colin GCPE:EX; Karemaker, Kent GCPE:EX; Smith, Paula GCPE:EX
Cc: Haslam, David GCPE:EX
Subject: RE: Peace landslide near Site C

At the moment I don't think so but I have a call in with Adrian to see what he can tell me.

From: Grewar, Colin GCPE:EX
Sent: Monday, October 1, 2018 12:14 PM
To: Beaupre, Darren GCPE:EX; Karemaker, Kent GCPE:EX; Smith, Paula GCPE:EX
Cc: Haslam, David GCPE:EX
Subject: RE: Peace landslide near Site C

Just wondering if there is anything happening in the ministry's mining division related to this event that we could/should add? Email this morning sent by Adrian Pooley, Inspector of Mines – Health and Safety, indicated that a geotechnical report for the slide was prepared.

> Adrian Pooley, P. Eng.
> Inspector of Mines – Health & Safety

Colin



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Beaupre, Darren GCPE:EX
Sent: Monday, October 1, 2018 12:04 PM
To: Karemaker, Kent GCPE:EX; Grewar, Colin GCPE:EX
Subject: Fwd: Peace landslide near Site C

Colin - we would ask Les to review now yes? I think that's best...

Sent from my iPhone

Begin forwarded message:

From: "Alexis, Greg" <Greg.Alexis@bchydro.com>
Date: October 1, 2018 at 12:00:22 PM PDT
To: "Karemaker, Kent GCPE:EX" <Kent.Karemaker@gov.bc.ca>
Cc: "Grewar, Colin GCPE:EX" <Colin.Grewar@gov.bc.ca>, "Beaupre, Darren GCPE:EX" <Darren.Beaupre@gov.bc.ca>, "Sauer, Darwin" <Darwin.Sauer@bchydro.com>
Subject: RE: Peace landslide near Site C

Hi Kent,

Here are some suggested response points for this request.

Thanks,

Greg

From: Sarah Cox [<mailto:sarah@thenarwhal.ca>]
Sent: Monday, October 1, 2018 10:36 AM
To: Karemaker, Kent GCPE:EX
Subject: Peace landslide near Site C

Good morning Kent,

I'm working on a story about the on-going landslide near the town of Old Fort, near an entranceway to the Site C dam worksite, and have a few questions for the ministry.

1) Was BC Hydro monitoring the former gravel pit -- at the top of the hill that collapsed -- that had been repurposed as a stockpile site for Site C? Local residents report stockpiled materials piled up at the pit before the slide.

- The gravel pit is not related to the Site C project.

2) Will there be an independent safety review of the Site C project given this slide and other geotechnical issues and the fact that BC Hydro recently announced that the dam will be built on shale rather than bedrock?

- There will be no safety review as there is no evidence to suggest the slide was related to the project.
- BC Hydro has conducted extensive engineering studies into the geology of the project area – including the dam site – for decades.
- The issue of historical slides in the area is well documented and its being addressed by BC Hydro with the excavations and stabilization measures that have been taking place at site since construction started in 2015.
- For example, BC Hydro has removed over 11 million of cubic metres of overburden materials on the north bank to create a stable slope for the dam.
- On the south bank, BC Hydro has incorporated into the design a concrete buttress that will be placed under the spillway and generating station for increased stability and seismic protection.
- Further, the presence of shale bedrock is well documented in the project’s environmental impact statement.
- This was reviewed by the Site C Joint Review Panel and later approved by the provincial and federal governments in 2014.
- Building hydro-electric dams on shale bedrock is not uncommon.
- The environmental impact statement for Site C identified 16 other earthfill dams around the world that were built on similar bedrock.

My deadline is 3 pm today.

thank-you,

Sarah

Sarah Cox
The Narwhal
250-812-1762

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Beaupre, Darren GCPE:EX

From: Turner, Jordan GCPE:EX
Sent: Friday, October 12, 2018 9:28 AM
To: Smith, Paula GCPE:EX
Subject: Re: Old Fort Landslide

This is the latest as of this morning:

Peace River Regional District (PRRD): A SOLE (expires [Oct 14](#)) issued due to a landslide near Old Fort. Old Fort remains under a number of Evacuation Orders. An new Order has been issued for the two islands south of Old Fort in the Peace River. Alerts have been issued for 9 properties along the 240 and 265 Roads as well as a quarter section near the South Lagoons. All Temporary Entry Permits into the Evacuation Order area have been suspended due to the ongoing risk of land movement.

Jordan Turner

Communications Manager | EMBC
Government Communications and Public Engagement
Phone: [\(250\) 952-5062](tel:(250)952-5062) **Cell:** [\(250\) 896-1928](tel:(250)896-1928)

On Oct 12, 2018, at 9:17 AM, Smith, Paula GCPE:EX <Paula.Smith@gov.bc.ca> wrote:

Hi Jordan,

My director mentioned that I should connect with you about the landslide to see if there are any updates from your end of things that our minister may need to know – I'd be happy to do the same as this event unfolds.

I just heard about the evacuation alert for part of FSJ – anything else that is new?

Take care

Paula Smith | Public Affairs Officer
Ministry of Energy, Mines and Petroleum Resources
Government Communications and Public Engagement
c. 250-880-6549 d. 778 974-4676

Beaupre, Darren GCPE:EX

From: Karemaker, Kent GCPE:EX
Sent: Monday, October 1, 2018 12:52 PM
To: Beaupre, Darren GCPE:EX; Grewar, Colin GCPE:EX; Smith, Paula GCPE:EX
Cc: Haslam, David GCPE:EX
Subject: RE: Peace landslide near Site C

Let me know when you talk to Adrian, and I'll move it up to Les.

Kent.

From: Beaupre, Darren GCPE:EX
Sent: Monday, October 1, 2018 12:46 PM
To: Grewar, Colin GCPE:EX; Karemaker, Kent GCPE:EX; Smith, Paula GCPE:EX
Cc: Haslam, David GCPE:EX
Subject: RE: Peace landslide near Site C

At the moment I don't think so but I have a call in with Adrian to see what he can tell me.

From: Grewar, Colin GCPE:EX
Sent: Monday, October 1, 2018 12:14 PM
To: Beaupre, Darren GCPE:EX; Karemaker, Kent GCPE:EX; Smith, Paula GCPE:EX
Cc: Haslam, David GCPE:EX
Subject: RE: Peace landslide near Site C

Just wondering if there is anything happening in the ministry's mining division related to this event that we could/should add? Email this morning sent by Adrian Pooley, Inspector of Mines – Health and Safety, indicated that a geotechnical report for the slide was prepared.

> Adrian Pooley, P. Eng.
> Inspector of Mines – Health & Safety

Colin



Colin Grewar
Senior Public Affairs Officer
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Phone: 250-952-0650
Colin.Grewar@gov.bc.ca

From: Beaupre, Darren GCPE:EX
Sent: Monday, October 1, 2018 12:04 PM
To: Karemaker, Kent GCPE:EX; Grewar, Colin GCPE:EX
Subject: Fwd: Peace landslide near Site C

Colin - we would ask Les to review now yes? I think that's best...

Sent from my iPhone

Begin forwarded message:

From: "Alexis, Greg" <Greg.Alexis@bchydro.com>
Date: October 1, 2018 at 12:00:22 PM PDT
To: "Karemaker, Kent GCPE:EX" <Kent.Karemaker@gov.bc.ca>
Cc: "Grewar, Colin GCPE:EX" <Colin.Grewar@gov.bc.ca>, "Beaupre, Darren GCPE:EX" <Darren.Beaupre@gov.bc.ca>, "Sauer, Darwin" <Darwin.Sauer@bchydro.com>
Subject: RE: Peace landslide near Site C

Hi Kent,

Here are some suggested response points for this request.

Thanks,

Greg

From: Sarah Cox [<mailto:sarah@thenarwhal.ca>]
Sent: Monday, October 1, 2018 10:36 AM
To: Karemaker, Kent GCPE:EX
Subject: Peace landslide near Site C

Good morning Kent,

I'm working on a story about the on-going landslide near the town of Old Fort, near an entranceway to the Site C dam worksite, and have a few questions for the ministry.

1) Was BC Hydro monitoring the former gravel pit -- at the top of the hill that collapsed -- that had been repurposed as a stockpile site for Site C? Local residents report stockpiled materials piled up at the pit before the slide.

- The gravel pit is not related to the Site C project.

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- There will be no safety review as there is no evidence to suggest the slide was related to the project.
- BC Hydro has conducted extensive engineering studies into the geology of the project area – including the dam site – for decades.

- The issue of historical slides in the area is well documented and its being addressed by BC Hydro with the excavations and stabilization measures that have been taking place at site since construction started in 2015.
- For example, BC Hydro has removed over 11 million of cubic metres of overburden materials on the north bank to create a stable slope for the dam.
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- Building hydro-electric dams on shale bedrock is not uncommon.
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My deadline is 3 pm today.

thank-you,

Sarah

Sarah Cox
The Narwhal
250-812-1762

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Beaupre, Darren GCPE:EX

From: Alexis, Greg <Greg.Alexis@bchydro.com>
Sent: Friday, October 5, 2018 4:28 PM
To: Haslam, David GCPE:EX; Sanderson, Melissa EMPR:EX
Cc: Sauer, Darwin; XT:Scott, Mora GCPE:IN
Subject: Star Metro request re: landslide

Hi David and Melissa,

We received a request from the Vancouver Star Metro about the landslide near Site C.

Below is our suggested response. Any concerns?

Thanks,

Greg

BC Hydro's top priority is the safety of the public and our workers.

We continue to monitor the situation related to the off-site landslide closely. The Site C project's security gate B (the eastern gate on the site) continues to remain open for workers and contractors accessing the site.

We have also reached out to the Peace River Regional District to discuss if BC Hydro or our contractors can safely offer assistance to the residents of Old Fort.

Sent from my iPhone

On Oct 5, 2018, at 2:05 PM, Fish, Tanya <Tanya.Fish@bchydro.com> wrote:

Hi there – see the request from Star Metro below.

From: Grauer, Perrin [<mailto:perrin.grauer@torstargroup.ca>]

Sent: Friday, October 05, 2018 1:50 PM

To: Fish, Tanya

Subject: Media request re: Site C premises near Old Fort landslide

Hello Ms. Fish,

It's Perrin Grauer from StarMetro in Vancouver.

I'm hoping you might be able to help me with an update on the situation near Site C's security gate B today?

My questions are;

With the hillside to the west of the original slide (below the Peace River lookout) now becoming unstable, will Site C be shutting down Security Gate B or finding some way to stabilize the hill, since that hillside is directly above the eastern end of the Site C property on the north bank of the river?

Has Site C made a decision regarding the possibility of opening a boat access within the site itself for Old Fort residents so they don't have to travel downriver to Taylor to access Fort St John?

Thanks kindly for your time,

Very Best,

Perrin Grauer

Reporter, StarMetro

(236) 983-3180

perringrauer@torstargroup.ca

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Beaupre, Darren GCPE:EX

From: Haslam, David GCPE:EX
Sent: Friday, October 5, 2018 3:44 PM
To: Platts, Robin GCPE:EX
Cc: Beaupre, Darren GCPE:EX; Karemaker, Kent GCPE:EX
Subject: Re: TRAN Media Request: Old Fort follow up

Yes.

Sent from my iPhone

On Oct 5, 2018, at 3:27 PM, Platts, Robin GCPE:EX <Robin.Platts@gov.bc.ca> wrote:

Note our MO hasn't seen our IN on this yet. Would you like me to share our IN with Brendan anyway for their response?

----- Original message -----

From: "Phelps, Brendan GCPE:EX" <Brendan.Phelps@gov.bc.ca>
Date: 2018-10-05 3:23 PM (GMT-08:00)
To: "Platts, Robin GCPE:EX" <Robin.Platts@gov.bc.ca>
Cc: "Smith, Paula GCPE:EX" <Paula.Smith@gov.bc.ca>, "Pope, Danielle GCPE:EX" <Danielle.Pope@gov.bc.ca>
Subject: FW: TRAN Media Request: Old Fort follow up

Hi Robin,

Can you please provide us with an approved response for the highlighted question below? We're going to direct the reporter to BC Hydro for the first question and Peace River regional District for the last question.

Thanks,
Brendan

Brendan Phelps | Public Affairs Officer
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Office: 250 387-8619 | Mobile: 250 888-3402 | E: brendan.phelps@gov.bc.ca

From: Danielle Pope [<mailto:Danielle.Pope@gov.bc.ca>]
Sent: Friday, October 5, 2018 2:30 PM
To: Phelps, Brendan GCPE:EX
Subject: TRAN Media Request: Old Fort follow up

Reporter

Perrin Grauer, Reporter
The Star Vancouver
perrin.grauer@torstargroup.ca
604-648-3216 c: 236-983-3180

Deadline ASAP

Request

Reporter says: I'm hoping you might be able to help me with an update on the situation in Old Fort today?

My questions are:

- With the hillside to the west of the original slide (below the Peace River lookout) now becoming unstable, will there be further measures taken to safeguard the power lines that go up that way (since these lines bring power to Fort St John)?

- Is the hillside directly below the gravel pit (which dropped several metres but still remains at the top of the slide site with gravel and material stacked on top) currently expected to give way as well? And is the company which runs that site (Deasan Holdings) working with the province to remove that stockpiled material?

- Has a response been received from Site C regarding the possibility of opening a boat access on that site for Old Fort residents so they don't have to travel downriver to Taylor to access Fort St John?

Background

Recommendation

Beaupre, Darren GCPE:EX

From: Pope, Danielle GCPE:EX
Sent: Monday, October 1, 2018 9:15 AM
To: Haslam, David GCPE:EX
Cc: Robb, Katie GCPE:EX; Bowness, Lianne GCPE:EX; Phelps, Brendan GCPE:EX
Subject: RE: Update: Old Fort Road

Thanks David – this reporter is actually from the Alaska Highway News. Would you'd like me to send him to BC Hydro for response on these questions?

“Any answers yet as to the cause? There’s a gravel pit above the slide and Site C construction in the area, are those activities being considered in the assessment?”

Thanks,
Danielle

Danielle Pope | Media Relations
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Telephone: 250-356-8241 | Mobile: 778-679-0133
Danielle.Pope@gov.bc.ca

From: Haslam, David GCPE:EX
Sent: Monday, October 1, 2018 6:30 AM
To: Pope, Danielle GCPE:EX
Cc: Robb, Katie GCPE:EX; Bowness, Lianne GCPE:EX
Subject: Re: Update: Old Fort Road

Apologies for missing this. Bch sent a response to global. So all good.

Sent from my iPhone

On Sep 30, 2018, at 6:15 PM, Pope, Danielle GCPE:EX <Danielle.Pope@gov.bc.ca> wrote:

Hi David,

Is it ok to share some of your messaging with this reporter on the Site C angle? Or, can I refer him to your side?

Thanks,
Danielle

Sent from my iPhone

Begin forwarded message:

From: Matt Preprost <editor@ahnfsj.ca>
Date: September 30, 2018 at 5:52:42 PM PDT

To: "Pope, Danielle GCPE:EX" <danielle.pope@gov.bc.ca>

Subject: Re: Update: Old Fort Road

Hi Danielle very much appreciated, thank you.

Any answers yet as to the cause? There's a gravel pit above the slide and Site C construction in the area, are those activities being considered in the assessment?

Matt

Get [Outlook for iOS](#)

From: Pope, Danielle GCPE:EX <Danielle.Pope@gov.bc.ca>

Sent: Sunday, September 30, 2018 5:48:57 PM

To: Matt Preprost

Subject: Update: Old Fort Road

Hi Matt,

Here is some additional information about the slide today. You can attribute this to the Ministry of Transportation and Infrastructure. A boot is also attached.

Thanks,
Danielle

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately 1 km west of the Old Fort community, which is just south of Fort St John.

A preliminary field and air assessment has been completed, and landslide specialists are on route. The slide continues to move and it could take several days before it stops. 24-hour traffic control and slide monitoring is in place.

The Old Fort Road has been damaged and the road to the community is closed until the site can be determined to be safe to allow crews to enter to start the repairs.

The Ministry is working with the Peace River Regional District (PRRD) to find suitable access options for the residents in the meantime.

It has been determined that there is no immediate risk to the Old Fort community.

An evacuation order has been issued for the Peace River Lookout and lands directly south and south-east, which includes a gravel operation near the top above the slide.

Photo of incident from the air has been attached.

[cid:718AFF84-6595-4E1C-9200-AF8BBBC5CBAA]

Beaupre, Darren GCPE:EX

From: Beaupre, Darren GCPE:EX
Sent: Friday, October 12, 2018 1:05 PM
To: Grewar, Colin GCPE:EX
Cc: Karemaker, Kent GCPE:EX; Smith, Paula GCPE:EX
Subject: RE: questions about Peace valley landslide

Adding Paula here. Paula, any intel you have also to provide on below? #6?

From: Beaupre, Darren GCPE:EX
Sent: Friday, October 12, 2018 12:59 PM
To: Grewar, Colin GCPE:EX
Cc: Karemaker, Kent GCPE:EX
Subject: FW: questions about Peace valley landslide

Colin can you help Kent on this. Get the details from Greg I think yes.

----- Forwarded message -----

From: Sarah Cox <sarah@thenarwhal.ca>
Date: Fri, Oct 12, 2018 at 12:22 PM
Subject: questions about Peace valley landslide
To: <Colin.Hynes@gov.bc.ca>

Hello Colin,

I'm working on a follow-up story about the Peace valley landslide and have a few questions for the ministry.

- 1) Has the ministry instructed Westrek to look into whether or not work on Site C -- including vibrations from equipment and the removal of 11 million cubic metres of earth not far from the land slide — is a potential cause or contributing factor to the slide?
- 2) Is the government looking into whether or not work on Site C -- including vibrations from equipment and the removal of 11 million cubic metres of earth not far from the land slide — is a potential cause or contributing factor to the slide?
- 3) If the answer to both of the above questions is no, is the ministry 100 per cent confident that there is no connection between any work on the Site C project and the landslide?
- 4) Given that the entire Peace River Valley is highly unstable, according to BC Hydro's own reports, why is Site C-related work now beginning in another unstable area of the valley -- in the Cache Creek area, where a very large landslide occurred many decades ago -- without geotechnical oversight from engineers independent of BC Hydro and its contractors?
- 5) What precautions, if any, are being taken to ensure that residents in the Cache Creek area and their homes are safe as Site C-related work begins in that unstable part of the valley?
- 6) Has the ministry been in touch with Natural Resources Canada since the slide began September 30?

My deadline is 5 pm today.

Thank-you,
Sarah

Sarah Cox
BC Press Gallery
The Narwhal
(250) 812-1762

Beaupre, Darren GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Tuesday, October 9, 2018 2:36 PM
To: Haslam, David GCPE:EX
Cc: Robins, Shawn GCPE:EX; Sauer, Darwin; Greg Alexis (Greg.Alexis@bchydro.com);
Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX
Subject: Re: Old Fort messaging

Hold up! Updated IN coming shortly

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
M: [250.920.8371](tel:250.920.8371)

On Oct 9, 2018, at 2:33 PM, Haslam, David GCPE:EX <David.Haslam@gov.bc.ca> wrote:

Shawn – as discussed attached is MoTI IN on Old Fort to support MMF tour of the EOC tomorrow 10 am to 11 am. BC Hydro coms is working on additional Site C landslide messaging. In addition to Katie Robb, I've included Darwin Saurer and Site C manager Greg Alexis as well so all in the loop. I'll reach out to EMPR staff to see if it's possible to provide MMF a technical briefing on at the EOC. Trust this helps -
David

Beaupre, Darren GCPE:EX

From: Sanderson, Melissa EMPR:EX
Sent: Friday, October 5, 2018 4:31 PM
To: Alexis, Greg
Cc: Haslam, David GCPE:EX; Sauer, Darwin; XT:Scott, Mora GCPE:IN
Subject: Re: Star Metro request re: landslide

Good by me - thx.

Sent from my iPhone

On Oct 5, 2018, at 4:28 PM, Alexis, Greg <Greg.Alexis@bchydro.com> wrote:

Hi David and Melissa,

We received a request from the Vancouver Star Metro about the landslide near Site C.

Below is our suggested response. Any concerns?

Thanks,

Greg

BC Hydro's top priority is the safety of the public and our workers.

We continue to monitor the situation related to the off-site landslide closely. The Site C project's security gate B (the eastern gate on the site) continues to remain open for workers and contractors accessing the site.

We have also reached out to the Peace River Regional District to discuss if BC Hydro or our contractors can safely offer assistance to the residents of Old Fort.

Sent from my iPhone

On Oct 5, 2018, at 2:05 PM, Fish, Tanya <Tanya.Fish@bchydro.com> wrote:

Hi there – see the request from Star Metro below.

From: Grauer, Perrin [<mailto:perrin.grauer@torstargroup.ca>]

Sent: Friday, October 05, 2018 1:50 PM

To: Fish, Tanya

Subject: Media request re: Site C premises near Old Fort landslide

Hello Ms. Fish,

It's Perrin Grauer from StarMetro in Vancouver.

I'm hoping you might be able to help me with an update on the situation near Site C's security gate B today?

My questions are;

With the hillside to the west of the original slide (below the Peace River lookout) now becoming unstable, will Site C be shutting down Security Gate B or finding some way to stabilize the hill, since that hillside is directly above the eastern end of the Site C property on the north bank of the river?

Has Site C made a decision regarding the possibility of opening a boat access within the site itself for Old Fort residents so they don't have to travel downriver to Taylor to access Fort St John?

Thanks kindly for your time,

Very Best,

Perrin Grauer

Reporter, StarMetro

(236) 983-3180

perringrauer@torstargroup.ca

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Beaupre, Darren GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Thursday, October 4, 2018 10:46 AM
To: Haslam, David GCPE:EX
Cc: Pope, Danielle GCPE:EX
Subject: RE: Old Fort Road Landslide and Deasan Holdings Aggregate Pit

?

We are still waiting for your Q and A.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Haslam, David GCPE:EX
Sent: Thursday, October 4, 2018 10:45 AM
To: Robb, Katie GCPE:EX
Cc: Pope, Danielle GCPE:EX
Subject: RE: Old Fort Road Landslide and Deasan Holdings Aggregate Pit

great

From: Robb, Katie GCPE:EX
Sent: Thursday, October 4, 2018 10:05 AM
To: Haslam, David GCPE:EX
Cc: Pope, Danielle GCPE:EX
Subject: RE: Old Fort Road Landslide and Deasan Holdings Aggregate Pit

Hey David, checking in on the QA for the gravel pit, so we can share with Scott....

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Haslam, David GCPE:EX
Sent: Thursday, October 4, 2018 9:20 AM
To: Robb, Katie GCPE:EX
Cc: Koyanagi, Victor EMPR:EX; Maxwell, Scott D TRAN:EX; Pooley, Adrian EMPR:EX; Chace, Julie EMPR:EX; Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX
Subject: Re: Old Fort Road Landslide and Deasan Holdings Aggregate Pit

Fine with me.

Sent from my iPhone

On Oct 4, 2018, at 8:16 AM, Robb, Katie GCPE:EX <Katie.Robb@gov.bc.ca> wrote:

Hi Victor,

Scott and I connected yesterday and agree that it makes sense to have one main point of contact for public updates on the slide, namely for media queries. MoTI is happy to do that and your comms shop is supportive of this approach. They are preparing some QA on the EMPR pieces so Scott has information at a high level, though for more detailed and specific questions on the EMPR angles we will have to punt those back to you, via your comms shop. David H is copied here and we'd both be happy to hop on the phone to discuss that flow further.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
M: [250.920.8371](tel:250.920.8371)

On Oct 3, 2018, at 4:08 PM, Koyanagi, Victor EMPR:EX <Victor.Koyanagi@gov.bc.ca> wrote:

Hello Katie Robb,

I have been contacted by residents of Old Fort ^{s.22} looking for information regarding the landslide and Mines Act permit information for the Deasan Holdings gravel pit. Following discussions with Scott Maxwell and George Warnock it was determined that one point of contact representing MoTi and MEMPR was pertinent. Can you please let me know who the contact would be for this landslide such that I can provide this information to ^{s.22}

Regards,

Victor M. Koyanagi, P.Geo.
Senior Inspector of Mines, Permitting / Health and Safety
North Central / Northeast Mining Region
Ministry of Energy, Mines and Petroleum Resources
350-1011 4th Avenue
Prince George, BC V2L 3H9
Tel: (250) 565-4323 (direct line)
Tel: (250) 565-4240 (main office line)
Cell: (250) 612-7232
Fax: (250) 565-4328

From: Maxwell, Scott D TRAN:EX
Sent: Wednesday, October 3, 2018 12:56 PM
To: Koyanagi, Victor EMPR:EX
Cc: Warnock, George TRAN:EX
Subject: Old Fort Road

Hi Victor,

I spoke with Katie Robb, MoTI's GCPE Communication Director. She suggested that MoTI remain the spokesperson on the file given we've assumed that role already.

She was going to touch base with her counterpart at EMPR GCPE to gauge their opinion, but I would be surprised if it changed.

I imagine you'll get this request via your GCPE team, but the main thing we'll need from you will be; what are our talking points should the gravel pit come up? A few high level bullets will probably suffice.. you know the questions that are getting asked....

Thanks,

Scott Maxwell

Executive Director – Northern Region | Ministry of Transportation & Infrastructure
Phone (250) 565-6479 Email Scott.Maxwell@gov.bc.ca
Current Road Conditions: DriveBC.ca Find Us Online: TranBC.ca

From: [Robins, Shawn GCPE:EX](#)
To: [Zadravec, Don GCPE:EX](#)
Subject: FW: Old Fort Media - Townhall
Date: Tuesday, October 9, 2018 8:48:50 AM
Attachments: [image002.jpg](#)

FYI

From: Bates, Stan EMBC:EX
Sent: Tuesday, October 9, 2018 8:32 AM
To: Turner, Jordan GCPE:EX; Fiala, Tony EMBC:EX; Bennett, Crissy EMBC:EX; MacRae, Heather EMBC:EX; Robins, Shawn GCPE:EX
Subject: Old Fort Media - Townhall

The media reporting on yesterday's town hall is fair and balanced.

<https://www.alaskahighwaynews.ca/fort-st-john/old-fort-landslide-expected-to-worsen-as-winter-approaches-1.23456397>

<https://www.cbc.ca/news/canada/british-columbia/old-fort-landslide-1.4855041>

<https://www.thestar.com/vancouver/2018/10/08/life-in-the-shadow-of-a-landslide.html>

Stan Bates | A/Executive Director, Operations
[Emergency Management BC](#)

Block A – Suite 200, 2261 Keating Cross Rd
Saanichton, BC CANADA V8M 2A5

Ph: 250-952-4895 Cell: 778-676-2063 Fax: 250-952-4872

24 Hour Emergency: 1-800-663-3456

Follow us on Twitter [@EmergencyInfoBC](#) and [@PreparedBC](#)

2018 TWU_ Email signature



From: [Beaupre, Darren GCPE:EX](#)
To: [Zadravec, Don GCPE:EX](#)
Cc: [Haslam, David GCPE:EX](#)
Subject: FW: Old Fort messaging
Date: Tuesday, October 9, 2018 2:53:58 PM
Attachments: [IN Old Fort Road Landslide.docx](#)

Don,

Re your call – the attached is the latest with MOTI. Note this was sent to Shawn Robins just now.

From: Robb, Katie GCPE:EX
Sent: Tuesday, October 9, 2018 2:52 PM
To: Haslam, David GCPE:EX; Robins, Shawn GCPE:EX
Cc: 'Sauer, Darwin'; Greg Alexis (Greg.Alexis@bchydro.com); Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX
Subject: RE: Old Fort messaging

Here is our updated IN. Scott Maxwell, MoTI's ED for the North, will be there to brief Minister Farnworth tomorrow.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Haslam, David GCPE:EX
Sent: Tuesday, October 9, 2018 2:34 PM
To: Robins, Shawn GCPE:EX
Cc: Robb, Katie GCPE:EX; 'Sauer, Darwin'; Greg Alexis (Greg.Alexis@bchydro.com); Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX
Subject: Old Fort messaging

Shawn – as discussed attached is MoTI IN on Old Fort to support MMF tour of the EOC tomorrow 10 am to 11 am. BC Hydro coms is working on additional Site C landslide messaging. In addition to Katie Robb, I've included Darwin Sauer and Site C manager Greg Alexis as well so all in the loop. I'll reach out to EMPR staff to see if it's possible to provide MMF a technical briefing on at the EOC. Trust this helps - David

ADVICE TO MINISTER

CONFIDENTIAL ISSUES NOTE	Old Fort Road Landslide (near Fort St. John)
Ministry: Transportation and Infrastructure	
Date: October 9, 2018	
Minister Responsible: Claire Trevena	

ADVICE AND RECOMMENDED RESPONSE:

s.13

If asked, what is the impact to the local community?

- There is now an evacuation order in effect for all residents in the area – an Emergency Social Services Reception Centre has been activated in Fort St. John at the Pomeroy Sports Centre.
- Old Fort Road has been damaged, and the road to the community is closed until the slide stops moving and the site is safe for crews to start repairs.
- The Peace River Regional District is providing frequent updates:
Website – <https://prrd.bc.ca/>
Facebook – <https://www.facebook.com/OfficialPRRD/>

If asked, what is the ministry doing to address this issue?

- We are working around the clock to find a solution – 24-hour traffic control is in

place and monitoring continues by air.

- Ministry staff are working closely with the Peace River Regional District and geotechnical professionals, and we are exploring possible options for road access to the community.
- We will continue to provide updates as more information becomes available.

s.13

BACKGROUND REGARDING THE ISSUE:

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately one kilometre west of the Old Fort community, which is just south of Fort St John. A preliminary field and air assessment has been completed. The slide continues to move and it could be several days before it stops. 24-hour traffic control and slide monitoring is in place.

The Old Fort Road has been damaged and the road to the community is closed until the site can be determined to be safe to allow crews to enter to start the repairs. Ministry staff are working closely with the Peace River Regional District to develop alternate road access – work will start as soon as the slide stops moving and it's safe to start repairs.

There is now an evacuation order in effect for all residents in the area – an Emergency Social Services Reception Centre has been activated in Fort St. John at the Pomeroy Sports Centre.

Communications Contact:	Brendan Phelps	250-387-8619
Program Contact:	Hali Davenport	250-787-3310

Minister's Office	Program Area	ADM	Comm. Dir
	HD, SM		KR

From: [Turner, Jordan GCPE:EX](#)
To: [Lowe, Mike GCPE:EX](#); [Zdravec, Don GCPE:EX](#)
Cc: [Robins, Shawn GCPE:EX](#)
Subject: Old Fort Landslide Deployment
Date: Tuesday, October 9, 2018 12:06:43 PM

Hi Mike and Don,

The Peace River Regional District has requested PIO support for the landslide impacting Old Fort. We're planning to send Susan Williams from our EMBC shop ASAP so she can start at the Emergency Operations Centre in Fort St. John first thing tomorrow morning.

Thanks,

Jordan Turner

Communications Manager | EMBC

Government Communications and Public Engagement

Phone: [\(250\) 952-5062](tel:(250)952-5062) **Cell:** [\(250\) 896-1928](tel:(250)896-1928)

From: [Haslam, David GCPE:EX](#)
To: [Sanderson, Melissa EMPR:EX](#); [Andrews, Scott EMPR:EX](#)
Cc: [Beaupre, Darren GCPE:EX](#); [Karemaker, Kent GCPE:EX](#); [Smith, Paula GCPE:EX](#); [Zadravec, Don GCPE:EX](#); [Howlett, Tim GCPE:EX](#)
Subject: Old fort landslide public meeting
Date: Monday, October 8, 2018 2:35:08 PM

Melissa. Report from EMPR staff below on today's public meeting:

EOC/PRRD/RCMP are working on allowing limited access for people to get their belongings.

An EMPR H&S inspector was on the phone and answered a few questions sticking to facts and not commenting on anything outside his scope. In general there were questions around who is liable, is ministry covering up knowledge of landslides in the summer, what is the company allowed and not allowed to do right now, will there be an independent investigation, can we shut down site C, can we prevent the company from selling material they are taking off site etc. Also question came up about previous geotech studies done by ministry and site history. Staff will produce a summary report tomorrow. We'll update our IN noting the incident is still under investigation and the government's priority is to ensure safety of the community and getting the road cleared. I expect media coverage to continue. EMPR, MOTI and BCH responses focus on operational info updates.

Sent from my iPhone

From: [Haslam, David GCPE:EX](#)
To: "[Alexis, Greg](#)"; [Robb, Katie GCPE:EX](#); [Robins, Shawn GCPE:EX](#)
Cc: [Sauer, Darwin](#); [Beaupre, Darren GCPE:EX](#); [Smith, Paula GCPE:EX](#); [Karemaker, Kent GCPE:EX](#); [Zadravec, Don GCPE:EX](#)
Subject: RE: Old Fort messaging
Date: Tuesday, October 9, 2018 5:12:34 PM

Thanks Greg. I've reviewed. I note for the group that the QA addresses concerns about the access road by directing to the Peace River Regional District (I've copied in text below). I don't have any problem with this approach, although we'll have to ensure they're aware of the approach:

s.13

From: Alexis, Greg [<mailto:Greg.Alexis@bchydro.com>]
Sent: Tuesday, October 9, 2018 5:06 PM
To: Haslam, David GCPE:EX; Robb, Katie GCPE:EX; Robins, Shawn GCPE:EX
Cc: Sauer, Darwin; Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX; Zadravec, Don GCPE:EX
Subject: RE: Old Fort messaging

Please find attached BC Hydro's updated issues note on the landslide. We have also made some suggested edits to MoTI's note that was sent earlier.

From: Haslam, David GCPE:EX [<mailto:David.Haslam@gov.bc.ca>]
Sent: 2018, October 09 3:12 PM
To: Robb, Katie GCPE:EX; Robins, Shawn GCPE:EX
Cc: Sauer, Darwin; Alexis, Greg; Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX; Zadravec, Don GCPE:EX
Subject: RE: Old Fort messaging

Including Don Z. We're also working on an EMPR staffer to be there to brief MMF as well. Looks like it's going to be Adrian Poole – will let you know when I confirm.

From: Robb, Katie GCPE:EX
Sent: Tuesday, October 9, 2018 2:52 PM
To: Haslam, David GCPE:EX; Robins, Shawn GCPE:EX
Cc: 'Sauer, Darwin'; Greg Alexis (Greg.Alexis@bchydro.com); Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX
Subject: RE: Old Fort messaging

Here is our updated IN. Scott Maxwell, MoTI's ED for the North, will be there to brief Minister Farnworth tomorrow.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Haslam, David GCPE:EX
Sent: Tuesday, October 9, 2018 2:34 PM
To: Robins, Shawn GCPE:EX
Cc: Robb, Katie GCPE:EX; 'Sauer, Darwin'; Greg Alexis (Greg.Alexis@bchydro.com); Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX
Subject: Old Fort messaging

Shawn – as discussed attached is MoTI IN on Old Fort to support MMF tour of the EOC tomorrow 10 am to 11 am. BC Hydro coms is working on additional Site C landslide messaging. In addition to Katie Robb, I've included Darwin Sauer and Site C manager Greg Alexis as well so all in the loop. I'll reach

out to EMPR staff to see if it's possible to provide MMF a technical briefing on at the EOC. Trust this helps - David

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Howlett, Tim GCPE:EX

From: Beaupre, Darren GCPE:EX
Sent: Friday, October 12, 2018 5:07 PM
To: Sanderson, Melissa EMPR:EX; Howlett, Tim GCPE:EX
Cc: Karemaker, Kent GCPE:EX
Subject: RE: FOR REVIEW: MEDIA REQUEST: Site C / Landslide

BCH did not get a request so we will provide all lines. Kent please action. Thanks.

From: Beaupre, Darren GCPE:EX
Sent: Friday, October 12, 2018 5:04 PM
To: Sanderson, Melissa EMPR:EX; Howlett, Tim GCPE:EX
Cc: Karemaker, Kent GCPE:EX
Subject: RE: FOR REVIEW: MEDIA REQUEST: Site C / Landslide

Kent, let me confirm BCH did not get a call from SC today before we send. I will let you know. I have ask in with BCH.

From: Sanderson, Melissa EMPR:EX
Sent: Friday, October 12, 2018 4:54 PM
To: Beaupre, Darren GCPE:EX; Howlett, Tim GCPE:EX
Cc: Karemaker, Kent GCPE:EX
Subject: RE: FOR REVIEW: MEDIA REQUEST: Site C / Landslide

I think these bullets should cover it. Darren, happy to discuss.

- There is no evidence to suggest that the slide is related to Site C or any of the work taking place on that project.
- Engineers have been investigating the cause of the slide, but it hasn't been determined yet and it's too early to speculate.
- The slide location is off the dam site, about one kilometre past the Gate B entrance to Site C.
- BC Hydro is monitoring the situation and is in contact with the Ministry of Transportation and the regional district.

Background, but if she has asked Hydro they should respond with following bullets.

- Site C is being built – and will be maintained – to international and Canadian safety standards so it can withstand major events like earthquakes and floods.
- Keeping with international best practice, BC Hydro also has a Technical Advisory Board for Site C that provides on-going technical advice on the engineering and design of the project.
- The members of the Site C Technical Advisory Board are globally recognized for their technical knowledge and experience with the design of hydroelectric projects around the world.
- For answers to your technical questions related to Site C please contact BC Hydro directly.

From: Beaupre, Darren GCPE:EX
Sent: Friday, October 12, 2018 4:05 PM
To: Howlett, Tim GCPE:EX; Sanderson, Melissa EMPR:EX
Cc: Karemaker, Kent GCPE:EX
Subject: RE: FOR REVIEW: MEDIA REQUEST: Site C / Landslide

Tim/Melissa,
See below for new recommended response. OK?

From: Karemaker, Kent GCPE:EX
Sent: Friday, October 12, 2018 3:17 PM
To: Howlett, Tim GCPE:EX
Cc: Sanderson, Melissa EMPR:EX; Beaupre, Darren GCPE:EX
Subject: FOR REVIEW: MEDIA REQUEST: Site C / Landslide

Hey Tim/Melissa,

Bullets here in the response have been reviewed by Les MacLaren and BCH.. Any concerns, feel free to call either myself or Darren.

Reporter: Sarah Cox, The Narwhal (formerly DeSmog)

Deadline: Friday, October 12, 2018 5:00 PM

Request:

- 1) Has the ministry instructed Westrek to look into whether or not work on Site C -- including vibrations from equipment and the removal of 11 million cubic metres of earth not far from the land slide — is a potential cause or contributing factor to the slide?
- 2) Is the government (including the ministry or BC Hydro) looking into whether or not work on Site C -- including vibrations from equipment and the removal of 13 million cubic metres of earth not far from the land slide — is a potential cause or contributing factor to the slide?
- 3) If the answer to both of the above questions is no, is the ministry 100 per cent confident that there is no connection between any work on the Site C project and the landslide?
- 4) Given that the entire Peace River Valley is highly unstable, according to BC Hydro's own reports, why is Site C-related work beginning in another unstable area of the valley -- in the Cache Creek area, where a very large landslide occurred many decades ago -- without geotechnical oversight from engineers independent of BC Hydro and its contractors?
- 5) What precautions, if any, are being taken to ensure that residents in the Cache Creek area and their homes are safe as Site C-related work begins in that unstable part of the valley?
- 6) Has the ministry been in touch with Natural Resources Canada since the slide began September 30?

Suggested Response:

- There is no evidence at this time to suggest that the slide is related to Site C or any of the work taking place on that project.
- For answers to your technical questions related to Site C please contact BC Hydro directly.

Howlett, Tim GCPE:EX

From: Haslam, David GCPE:EX
Sent: Sunday, October 7, 2018 5:54 PM
To: Zadavec, Don GCPE:EX; Howlett, Tim GCPE:EX
Cc: Beaupre, Darren GCPE:EX
Subject: Fwd: Old Fort update

FYI below.

Sent from my iPhone

Begin forwarded message:

From: "Alexis, Greg" <Greg.Alexis@bchydro.com>
Date: October 7, 2018 at 3:39:37 PM PDT
To: "Melissa EMPR:EX Sanderson" <Melissa.Sanderson@gov.bc.ca>, David Haslam <David.Haslam@gov.bc.ca>
Cc: "Sauer, Darwin" <Darwin.Sauer@bchydro.com>, "Fish, Tanya" <Tanya.Fish@bchydro.com>, "McEwan, Alicia" <Alicia.McEwan@bchydro.com>, Colin Grewar <Colin.Grewar@gov.bc.ca>
Subject: Old Fort update

Melissa and David,

Not sure if you have heard but but the PRRD issued an evacuation order today for Old Fort. They also contacted the Site C project team and asked for permission to use our dock to help with the evacuation. We have provided them permission for access.

In terms of the project there are still no impacts and work continues at site as per usual.

We also issued the following tweets a few minutes ago.

Please let us know if you have any questions.

Thanks,

Greg

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-BCHydroDisclaimerID5.2.8.1541

Page 285

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Copyright

Howlett, Tim GCPE:EX

From: Sanderson, Melissa EMPR:EX
Sent: Monday, October 1, 2018 11:51 AM
To: Hockin, Amber PREM:EX; Howlett, Tim GCPE:EX
Subject: Fwd: Site C issues note: Old Fort Road landslide
Attachments: 2018-10-01 IN - Old Fort Road landslide (3).docx; ATT00001.htm

Hi - just want to make sure you are in the loop.

Sent from my iPhone

Begin forwarded message:

From: "Alexis, Greg" <Greg.Alexis@bchydro.com>
Date: October 1, 2018 at 11:47:11 AM PDT
To: "Sanderson, Melissa EMPR:EX" <Melissa.Sanderson@gov.bc.ca>, "Haslam, David GCPE:EX" <David.Haslam@gov.bc.ca>
Cc: "Sauer, Darwin" <Darwin.Sauer@bchydro.com>, "Deeley, Anna" <Anna.Deeley@bchydro.com>, "Conway, David" <Dave.Conway@bchydro.com>, "Beaupre, Darren GCPE:EX" <Darren.Beaupre@gov.bc.ca>
Subject: Site C issues note: Old Fort Road landslide

Melissa and David,

Here is the issues note on the Old Fort Road landslide.

Please let us know if you have any questions.

Thanks,

Greg

Greg Alexis | Manager of Public Affairs & Community Relations, Site C

BC Hydro
333 Dunsmuir St, 6th floor
Vancouver, BC V6B 5R3

P 604 623 4546
M 604 364 8846
E greg.alexis@bchydro.com

bchydro.com

Smart about power in all we do.

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for your cooperation.

BC HYDRO ISSUES NOTE

Issue:	LANDSLIDE ABOVE OLD FORT ROAD
Spokesperson:	Greg Alexis, Public Affairs Manager, Site C

ISSUE SUMMARY

A landslide took place above Old Fort Road overnight Saturday, September 29. The slide location is approximately 1 km past the eastern entrance to the Site C project site.

BACKGROUND – LANDSLIDE

- Sometime late Saturday night (Sept. 29) / early Sunday morning (Sept. 30), a landslide took place above Old Fort Road.
 - The slide location is off dam site and approximately 1 km past (east of) the Gate 'B' entrance to Site C.
- The slide has caused damage to the road. Access to the community of Old Fort is closed until the area can be determined to be safe to allow crews to enter to start the repairs.
- There is a gravel pit (Blair's Sand & Gravel) located directly above the slide.
 - The gravel pit operation is located outside of Site C boundaries
 - BC Hydro does not have a contract with Blair's Sand & Gravel for stockpiling or other uses, nor has it been used by any of the Site C contractors or sub-contractors.
- There is no evidence at this time that the slide is related to Site C or any of the work taking place on the project.
- Operations at the project site have not been impacted and work is continuing as planned.
- The Peace River Regional District (PRRD) issued an evacuation order for the area directly above the slide area, including the Peace River Lookout and the lands directly south and south east.
- Safety is our top priority and we are monitoring the situation closely.
- BC Hydro is working with the RCMP, the PRRD, the Ministry of Transportation and Infrastructure and local authorities to assist in any way we can.

BACKGROUND – SLOPE STABILITY

- Prior to the start of Site C construction, BC Hydro conducted extensive engineering investigations, analysis and review into the geology of the Site C project area.
 - Identified geotechnical risks, along with mitigation measures, were reported in the Site C Project's Environmental Impact Statement.

- Historical landslide complexes in the Peace Valley are very common and are addressed in the design and assessment of all Site C project areas, including:
 - the Highway 29 realignment
 - the Hudson's Hope berm;
 - the Site C earthfill dam and associated permanent features.
- Historical slides are addressed with the project excavations and stabilization measures at the dam site.
- This includes the left bank overburden excavation which is a slope stabilization of over 11 million cubic metres.
- An extensive inventory of existing slides is incorporated into the reservoir impact lines, which outlines the predicted effects of the Site C reservoir on slope stability and erosion.
- Stability issues and the potential for tension cracks on the north bank were expected, which is why the slope is being excavated to remove unstable overburden materials prior to completion of the permanent works.
- As part of Site C construction, work has been underway since the summer of 2015 to remove unstable material on the north bank to create stable slopes for eventual dam construction.
 - This work is being done in accordance with international and Canadian safety practices to withstand unlikely events, such as an extreme earthquake.
 - Slope stabilization activities include the construction of access roads and haul roads, excavation of unstable materials and relocation and storage of excavated materials for future use in other areas of the project.
- As of August 2018, more than 11 million cubic metres of material (including overburden and shale bedrock) have been excavated from the north bank.
- Keeping with international best practice, BC Hydro also has a Technical Advisory Board for Site C that provides on-going technical advice on the engineering and design of the project.
- The members of the Site C Technical Advisory Board are globally recognized for their technical knowledge and experience with the design of hydroelectric projects around the world.

KEY MESSAGES

- BC Hydro is committed to safely and responsibly advancing the construction of the Site C project.

- We are aware of the landslide that took place above Old Fort Road late Saturday/early Sunday morning.
- There is no evidence at this time that the slide is related to Site C or any of the work taking place on the project.
- The slide location is off dam site and about 1 km past the Gate 'B' entrance to site.
- Operations at the project site have not been impacted and work is continuing as planned.
- For further information about the landslide, please contact the Ministry of Transportation of Transportation and Infrastructure (MoTI).

TOP QUESTIONS AND ANSWERS

1. **People are saying that the gravel pit, located above Old Fort Road, triggered the landslide. Was the gravel pit being used as a stockpile site for the Site C project?**
 - No. BC Hydro does not have a contract with Blair's Sand & Gravel for stockpiling or other uses, nor has it been used by any of the Site C contractors or sub-contractors.
2. **Why would BC Hydro build a dam in an area that has history of landslides?**
 - BC Hydro is committed to safely and responsibly advancing the construction of the Site C project.
 - BC Hydro has conducted extensive engineering studies into the geology of the project area – including the dam site – for decades.
 - The issue of historical slides in the area is well documented and is being addressed with the excavations and stabilization measures that have been taking place at site since construction started in 2015.
 - For example, BC Hydro has removed more than 11 million cubic metres of overburden materials on the north bank to create a stable slope for the dam.
3. **Why is BC Hydro building a dam on shale?**
 - Site C is being built – and will be maintained – to international and Canadian safety standards so it can withstand major events like earthquakes and floods.
 - BC Hydro has conducted extensive engineering studies into the geology of the project area – including the dam site – for decades.
 - The presence of shale bedrock is well documented in the project's environmental impact statement (EIS).
 - The EIS was reviewed by the Site C Joint Review Panel and later approved by the provincial and federal governments in 2014.
 - Building hydro-electric dams on shale bedrock is not uncommon.
 - The environmental impact statement for Site C identified 16 other earthfill dams around the world that were built on similar bedrock.
 - BC Hydro has incorporated into the design a concrete buttress that will be placed under the spillway and generating station for increased stability and seismic protection.

Howlett, Tim GCPE:EX

From: Sanderson, Melissa EMPR:EX
Sent: Sunday, September 30, 2018 7:14 PM
To: Haslam, David GCPE:EX; Darwin Sauer
Cc: Howlett, Tim GCPE:EX
Subject: FSJ Slide

Hey - are there any backgrounders or key messages on the slide? It's being tied in to Site C although I understand it's a KM away.

Sent from my iPhone

From: [Turner, Jordan GCPE:EX](#)
To: [Robins, Shawn GCPE:EX](#); [Lawson, Liam PSSG:EX](#)
Cc: [Denlinger, Becky EMBC:EX](#); [Bates, Stan EMBC:EX](#); [Williams, Susan GCPE:EX](#)
Subject: Old Fort Update
Date: October 4, 2018 1:51:00 PM
Attachments: [IN - EMBC - PRRD Old Fort Landslide.docx](#)

Hi Liam,

The attached IN is updated. The Region is looking to see if there are any updates to the ESS numbers at the top, but those may not be available until after the meeting.

Thanks,

Jordan Turner

Communications Manager | EMBC

Government Communications and Public Engagement

Phone: [\(250\) 952-5062](tel:(250)952-5062) **Cell:** [\(250\) 896-1928](tel:(250)896-1928)

EMBC – Old Fort Landslide (Peace River Regional District)

KEY #'S:

- # registered with ESS: 68 (October 2, 2018)
- # of residential addresses in ESS: 49
- # addresses where no one was home to notify: 16
- # residences that decided to shelter in place: approximately 52 homes

SUGGESTED RESPONSE:

s.13

BACKGROUND:

- At 0720hrs on 2018 September 30, EMBC was advised of a landslide that occurred on the Old Fort Loop Road, 1 km outside the City of Fort St. John, impacting 4-5 homes.
- A State of Local Emergency was declared, and an Evacuation Order was subsequently put in place for a gravel pit near the landslide. Residents were advised of the landslide and the impacts to their road access into the community. Residents were also advised

that should they need to evacuate, they must bring clothing and incidentals as only food and lodging will be supported via the ESS program.

- The Old Fort Road is blocked by the landslide and impassable via vehicle. There is no other egress from the community that is safe for residents to use. Residents who wished to evacuate were taken to the ESS Reception Centre in Fort St. John.
- Roads close: Old Fort Road, Old Fort Loop, Trapper Road, River Road, Canoe Drive
- There are a number of residents who have expressed concern for their homes and they do not want to leave them to freeze up.
- MOTI Geotechnical Engineers are continuing to monitor. Current thoughts are that the road will be closed for up to one week based on preliminary assessment.
- EMBC is working with the PRRD to develop a plan to support the possible short term needs of residents (transportation and ESS, as required).

A water taxi service has been established. Schedule is as follows:

Morning

- Water Taxi leaving Old Fort
7 am 8 am 9 am
- Connecting Bus leaving Taylor Boat Launch
7:15 am 8:15 am 9:15 am
- Arrives at the North Peace Cultural Center
7:45 am 8:45 am 9:45 am

Afternoon

- Connecting bus leaving the North Peace Cultural Centre
3:30 pm 4:30 pm 5:30 pm
- Water Taxi Leaving Taylor Boat Launch
4 pm 5 pm 6 pm
- Water Taxi arriving in Old Fort
4:15 pm 5:15 pm 6:15 pm

EMBC – Old Fort Landslide (Peace River Regional District)

SUGGESTED RESPONSE:

s.13

BACKGROUND:

- At 0720hrs on 2018 September 30, EMBC was advised of a landslide that occurred on the Old Fort Loop Road, 1 km outside the City of Fort St. John, impacting 4-5 homes.
- A State of Local Emergency was declared and an Evacuation Order was subsequently put in place for a gravel pit near the landslide. Residents (50 homes) were advised of the landslide and the impacts to their road access into the community. Residents were also advised that should they need to evacuate, they must bring clothing and incidentals as only food and lodging will be supported via the ESS program.
- Overnight, the slide continued to move and impacted the BC Hydro distribution line. BC Hydro will be shutting off power to the 50 homes in the area. Power will not be restored until such time as road access is re-established.
- MOTI is currently conducting an assessment of the area. It is anticipated that road access may be impacted for a week or longer.
- The Peace River Regional District (PRRD) is in the process of putting an Evacuation Alert in place with the assistance of the RCMP and North Peace SAR.
- It is believed that a number of residents have generators and many will opt to shelter in place. The establishment of a water taxi service is being considered.
- EMBC is working with the PRRD to develop a plan to support the possible short term needs of residents (transportation and ESS, as required).

From: [Turner, Jordan GCPE:EX](#)
To: [Lawson, Liam PSSG:EX](#)
Cc: [Robins, Shawn GCPE:EX](#); [Pecora, Talea PSSG:EX](#); [Takkar, Nimmi PSSG:EX](#)
Subject: Old Fort Updated Numbers
Date: October 3, 2018 8:53:00 AM

Hi Liam,

I checked with the regional duty manager (RDM), and it looks like more Old Fort Residents have decided to evacuate to Fort St John and sign up for ESS (49 residences). Just over half (approx. 52 residences) are currently remaining in their homes. BC Hydro was supposed to restore power by 8pm last night, and we're still waiting on confirmation if that has occurred.

Here are the latest numbers:

registered with ESS = 68 people (updated Oct 2, 2018)
of residential addresses = 49
addresses where no one was home to notify = 16

RDM is unsure of the number of residents who decided to remain, but suggests the number is approximately 52 homes.

Roads closed due to slide:

Old Fort Road, Old Fort Loop, Trapper Road, River Road, Canoe Drive

Current situation:

The Old Fort Road is blocked by the landslide and impassable via vehicle. There is no other egress from the community that is safe for residents to use.

MOTI Geotechnical Engineers are continuing to monitor. Current thoughts are that the road will be closed for up to one week based on preliminary assessment.

Jordan Turner

Communications Manager | EMBC

Government Communications and Public Engagement

Phone: [\(250\) 952-5062](tel:(250)952-5062) **Cell:** [\(250\) 896-1928](tel:(250)896-1928)

From: [Turner, Jordan GCPE:EX](#)
To: [Machell, Aileen GCPE:EX](#); [Takkar, Nimmi PSSG:EX](#); [Lawson, Liam PSSG:EX](#)
Cc: [Robins, Shawn GCPE:EX](#)
Subject: RE: EMBC Update - Oct 1, 2018 as of 0700hrs
Date: October 1, 2018 12:14:00 PM
Attachments: [image001.jpg](#)
[image002.png](#)
[image003.jpg](#)

Hi Aileen,

Does not look like the slide is connected to Site C. We've checked with both EMPR and MOTI. Here are some suggested lines:

- The Peace River Regional District has declared a State of Local Emergency due to a low-angle landslide near the community of Old Fort.
- The landslide originated near a gravel pit and caused the land underneath the large piles of gravel to drop several feet.
- The residents are NOT under immediate threat but the landslide has severely compromised the community's only access/egress route. Local authorities have evacuation plans in place should the need arise.
- A preliminary field and air assessment has been completed, and landslide specialists have been inspecting the site.
- Reports of downed power lines and Telus lines, as well as possible spot fires. Staff, including BC Wildfire, are monitoring the situation.
- There is no evidence at this time that the slide is related to Site C or any of the work taking place on the project.
- The slide location is off dam site and about 1 km past the Gate 'B' entrance to Site C.

Landslides – General Information

- As our cities, towns, roads and highways steadily encroach onto steeper slopes and mountainsides, landslide hazards become an increasingly serious threat to residents, infrastructure and natural resources.
- By getting to know drainage patterns in your area, and monitoring creeks near your property, you can recognize changes that may indicate a potential upstream hazard.
- Heavy rainfall increases the chance of landslides and flash flooding. If you live down slope from a potential slide area, listen for unusual sounds that might indicate moving debris, such as trees cracking or boulders colliding.
- Learn the history of landslides and debris flows on or near your property and the areas you visit often. Flood hazard mapping is available through your local government.
- Be aware of dikes or flood-control structures that may be protecting your property – some of these may be privately owned and no longer be maintained.

- Check with the B.C. Dam Safety Program if you have any concerns or questions:
<http://ow.ly/9gwG30881PJ>.

During a landslide

- If you are near a stream or channel, be alert for any sudden increase or decrease in water flow and notice whether the water changes from clear to muddy. Such changes may mean there is debris flow activity upstream, so be prepared to move quickly.
- Stay well away from the path of a landslide or debris flow. If necessary, move perpendicular to, not downward from the flow.
- If you receive an evacuation order, leave the area immediately. Failing to leave when instructed can endanger both you and the lives of first responders.

After a landslide

- Stay away from the slide area, there may be danger of additional slides. Do not return until notified by local emergency officials that it is safe to return.
- Watch for flooding, including new fountains or waterfalls or blocked culverts.
- Look for and report broken utility lines and damaged roadways and railways to appropriate authorities. Reporting potential hazards may prevent further hazard and injury.

From: Machell, Aileen GCPE:EX

Sent: October 1, 2018 7:26 AM

To: Takkar, Nimmi PSSG:EX <Nimmi.Takkar@gov.bc.ca>; Lawson, Liam PSSG:EX <Liam.Lawson@gov.bc.ca>; Turner, Jordan GCPE:EX <Jordan.Turner@gov.bc.ca>

Subject: Fwd: EMBC Update - Oct 1, 2018 as of 0700hrs

Hello,

Would it be possible to get suggested lines on the slide?

Thank you.

Sent from my iPhone

Begin forwarded message:

From: "EMBC PDM EMBC:EX" <EMBCPDM@gov.bc.ca>

Date: October 1, 2018 at 7:00:44 AM PDT

To: "Allan, John FLNR:EX" <John.Allan@gov.bc.ca>, "Anderson, Gordon A EMBC:EX" <Gordon.A.Anderson@gov.bc.ca>, "Bain, Nancy TRAN:EX" <Nancy.Bain@gov.bc.ca>, "Baskerville, Shannon AEST:EX" <Shannon.Baskerville@gov.bc.ca>, "Bates, Stan EMBC:EX" <Stan.Bates@gov.bc.ca>, BCP Ministry Advisors <BCPMinistryAdvisors@Victoria1.gov.bc.ca>, "Bond, Allison MCF:EX"

<Allison.Bond@gov.bc.ca>, "Brooke, Daisy GCPE:EX" <Daisy.Brooke@gov.bc.ca>, "Brown, Stephen R HLTH:EX" <Stephen.Brown@gov.bc.ca>, "Brown, Tom G EMBC:EX" <Tom.Brown@gov.bc.ca>, "Cameron, Valerie Z FLNR:EX" <Valerie.Cameron@gov.bc.ca>, "Carrelli, John I CITZ:EX" <John.Carrelli@gov.bc.ca>, "Carroll, Sandra TAC:EX" <Sandra.Carroll@gov.bc.ca>, "Caul, Doug D IRR:EX" <Doug.Caul@gov.bc.ca>, "CITZ Corporate Planning CITZ:EX" <CorpPlan@gov.bc.ca>, "Dawes, Jacquie MAH:EX" <Jacquie.Dawes@gov.bc.ca>, "Denlinger, Becky EMBC:EX" <Becky.Denlinger@gov.bc.ca>, "Donaldson, Doug FLNR:EX" <Doug.Donaldson@gov.bc.ca>, "Duffy, Chris D EMBC:EX" <Chris.Duffy@gov.bc.ca>, "Farnworth, Mike PSSG:EX" <Mike.Farnworth@gov.bc.ca>, "French, Ron EMBC:EX" <Ron.French@gov.bc.ca>, "Fyfe, Richard J AG:EX" <Richard.Fyfe@gov.bc.ca>, "Galbraith, David J SDPR:EX" <David.Galbraith@gov.bc.ca>, "Meggs, Geoff PREM:EX" <Geoff.Meggs@gov.bc.ca>, "Grant, Nick MMHA:EX" <Nick.Grant@gov.bc.ca>, "Halls, Lori D PSA:EX" <Lori.D.Halls@gov.bc.ca>, "Hannah, Matt GCPE:EX" <Matt.Hannah@gov.bc.ca>, "Hewitt, Jeremy IGRS:EX" <Jeremy.Hewitt@gov.bc.ca>, "Hughes, Doug J MMHA:EX" <Doug.Hughes@gov.bc.ca>, "Hughes, Trevor LBR:EX" <Trevor.Hughes@gov.bc.ca>, "Kot, Jill CITZ:EX" <Jill.Kot@gov.bc.ca>, "Kristianson, Eric GCPE:EX" <Eric.Kristianson@gov.bc.ca>, "Lawson, Liam PSSG:EX" <Liam.Lawson@gov.bc.ca>, "Lenz, Allison EMBC:EX" <Allison.Lenz@gov.bc.ca>, "Liesch, Nancy FLNR:EX" <Nancy.Liesch@gov.bc.ca>, "Lightbody, Ian EMBC:EX" <Ian.Lightbody@gov.bc.ca>, "Lloyd, Evan GCPE:EX" <Evan.Lloyd@gov.bc.ca>, "MacDonald, Scott D EDUC:EX" <D.Scott.MacDonald@gov.bc.ca>, "Machell, Aileen GCPE:EX" <Aileen.Machell@gov.bc.ca>, "Main, Grant TRAN:EX" <Grant.Main@gov.bc.ca>, "Maley, Madeline L EMBC:EX" <Madeline.Maley@gov.bc.ca>, "Maloughney, Mary Sue MMHA:EX" <MarySue.Maloughney@gov.bc.ca>, "McAndrews, Caroline GCPE:EX" <Caroline.McAndrews@gov.bc.ca>, "Mihlar, Fazil JTT:EX" <Fazil.Mihlar@gov.bc.ca>, "Nikolejsin, Dave EMPR:EX" <Dave.Nikolejsin@gov.bc.ca>, "Pecora, Talea PSSG:EX" <Talea.Pecora@gov.bc.ca>, "Plecas, Bobbi ENV:EX" <Bobbi.Plecas@gov.bc.ca>, "JJH PREM:EX" <JJH@gov.bc.ca>, "Rice, Jennifer PSSG:EX" <Jennifer.Rice@gov.bc.ca>, "Richter, Kevin J TRAN:EX" <Kevin.Richter@gov.bc.ca>, "Robins, Shawn GCPE:EX" <Shawn.1.Robins@gov.bc.ca>, "Robinson, Selina MAH:EX" <Selina.Robinson@gov.bc.ca>, "Rothe, Karen J EMBC:EX" <Karen.Rothe@gov.bc.ca>, "Shoemaker, Wes AGRI:EX" <Wes.Shoemaker@gov.bc.ca>, "Sieben, Mark PSSG:EX" <Mark.Sieben@gov.bc.ca>, "Takkar, Nimmi PSSG:EX" <Nimmi.Takkar@gov.bc.ca>, "Tanaka, Sandra EMBC:EX" <Sandra.Tanaka@gov.bc.ca>, "Thomson, Vanessa EMBC:EX" <Vanessa.Thomson@gov.bc.ca>, "Turner, Jordan GCPE:EX" <Jordan.Turner@gov.bc.ca>, "Wanamaker, Lori FIN:EX" <Lori.Wanamaker@gov.bc.ca>, "Williams, Susan GCPE:EX" <Susan.Williams@gov.bc.ca>, "Woodcock, Danielle EMBC:EX" <Danielle.Woodcock@gov.bc.ca>, "Wright, Don J. PREM:EX" <Don.J.Wright@gov.bc.ca>, "Yuma Morisho, Okenge PREM:EX" <Okenge.YumaMorisho@gov.bc.ca>, "Zacharias, Mark ENV:EX" <Mark.Zacharias@gov.bc.ca>

Subject: EMBC Update - Oct 1, 2018 as of 0700hrs

Good morning,

EMBC UPDATE – October 1, 2018 AS OF 0700 HRS – ASSESSMENT

The Peace River Regional District has declared a State of Local Emergency due to a low-angle landslide near the community of Old Fort. The landslide originated near a gravel pit and caused the land underneath the large piles of gravel to drop several feet. The residents are NOT under immediate threat but the landslide has severely compromised the community’s only access/eggress route. Local authorities have evacuation plans in place should the need arise.

PROVINCIAL WEATHER

A northerly flow pattern will steer a modified arctic front in a southerly direction today. Meanwhile, a trough swaying over BC south coast will help to drive warm ocean moistures into the southern BC today through Tuesday. The two air masses will collide bringing breezy winds and enhanced precipitation across the BC interior along the modified arctic front.

The trough of low pressure will make its way across southern BC on Tuesday. The southern third of the province will most likely feel the modified airmass by Tuesday night or early Wednesday morning behind the trough where snow levels will lower to 900 - 1000m.

The departing of upper trough will move out of BC by Wednesday letting in the drier air across the province. However, a few more disturbances will overtake BC coast Thursday through Saturday bringing additional precipitation into BC.

WEATHER ALERTS

Snowfall warnings are issued for 100 Mile, Cariboo, Chilcotin, East Columbia, Shuswap, West Columbia and Yoho Park – Kootenay Park.

Rainfall warnings have been issued for Howe Sound and Metro Vancouver.

PROVINCIAL TOTALS

PECC Level 1	CTL	NWE	NEA	SEA	SWE	VIR	Total
PREOCs Activated							
SOLEs	3	1	1	2	1	1	9
BCRs	4	2					6
Evac Orders	3	2	1	2	1	1	10
Evac Alerts	3	5	1	3			12
Reception/Resilience Centres				1			1

Note: Provincial Totals include Freshet and Wildfire data.

NORTHWEST REGION (NWE)

Regional District Bulkley Nechako (RDBN):

Electoral Area E: 3 separate Alerts remain in effect due to the Nadina Lake Wildfire (R21721), the Verdun Lake Fire (R11796) and the Tweedsmuir Fire Complex (71W19VC).

Cheslatta Carrier First Nation: A BCR remains in effect. 1 Alert for 8 properties remains in place.

Lake Babine First Nation: 1 Alert remains in effect for the Torkelson Lake Fire.

Regional District Kitimat-Stikine (RDKS):

Electoral Area D: A SOLE (expires Oct. 6) is in effect for the entire Electoral Area. 1 Order remains in effect for the Telegraph Creek area due to the Alkali Lake Fire (R91947).

Nak'azdli Whut'en First Nation: A BCR remains in effect due to the threat of the Shovel Lake Fire (R11498).

Tahltan First Nation: 1 Order for 128 properties remains due to the Alkali Lake Fire (R91947).

NORTHEAST REGION (NEA)

Lhoosk'uz Dene (Kluskus) First Nation: 1 Alert remains in place due to the Chutanli Lake Fire (G41607)

Peace River Regional District (PRRD): A SOLE (expires Oct 7) is declared due to a landslide near Old Fort. The landslide originated near a gravel pit and caused the land underneath the large piles of gravel to drop several feet, buckling the road to Old Fort.

CENTRAL REGION (CTL)

Regional District Okanagan Similkameen (RDOS):

Electoral Area C - Sportsman Bowl: A freshet related SOLE (expires Oct 8) remains in effect.

Electoral Area D: A freshet related SOLE (expires Oct 9) remains in effect.

District of Summerland: A freshet related SOLE (expires Oct 3) remains in effect.

Okanagan Indian Band: A BCR remains in place from freshet 2018.

Upper Nicola Indian Band: A BCR and 2 Orders for 6 properties remain in effect from freshet 2018.

Nooaitch Indian Band: A BCR, 1 Order for 2 properties, and 1 Alert for 6 properties remains from 2017 flooding. A further BCR was issued due to 2018 flooding risk.

Bonaparte Indian Band: A BCR is in effect due to landslides.

Columbia Shuswap Regional District (CSRD): Freshet;

Electoral Area F: 1 Alert remains in effect for 2 properties.

Sorrento: 1 Alert remains in effect for 11 properties.

SOUTHEAST REGION (SEA)

Regional District Central Kootenay (RDCK):

Electoral Area J: 1 Alert remains in effect for 9 properties due to the Bulldog Mountain Fire (N52497).

Sentinel Mtn FSR: A freshet related Alert remains in effect for 1 property.

City of Castlegar: A freshet related Alert remains in effect for 3 properties.

Regional District of Kootenay Boundary (RDKB):

Electoral Area D: A freshet related SOLE (expires Oct 8) and 1 Order for 9 properties remains in effect.

City of Grand Forks: A freshet related SOLE (expires Oct 8) and 1 Order for 2 properties remains in effect.

SOUTHWEST REGION (SWE)

District of Kent: A SOLE (expires Oct 4) and 1 Order remains in place for six properties due to a rockslide which occurred on November 5, 2017.

VANCOUVER ISLAND REGION (VIR)

Regional District Strathcona (RDS):

The Village of Zeballos: A SOLE (expires Oct 4) and 1 Order remains in place for 18 properties due to the exacerbated threat of rock fall as a result of decreased slope stability following the wildfire event.

OFFICE OF THE FIRE COMMISSIONER

No incidents of note.

LINKS OF INTEREST:

[Emergency Info BC](#)

[BC River Forecast Centre](#)

[BC Wildfire Service](#)

[Avalanche Canada](#)

[Environment Canada BC Weather Conditions](#)

[Environment Canada BC Weather Warnings](#)

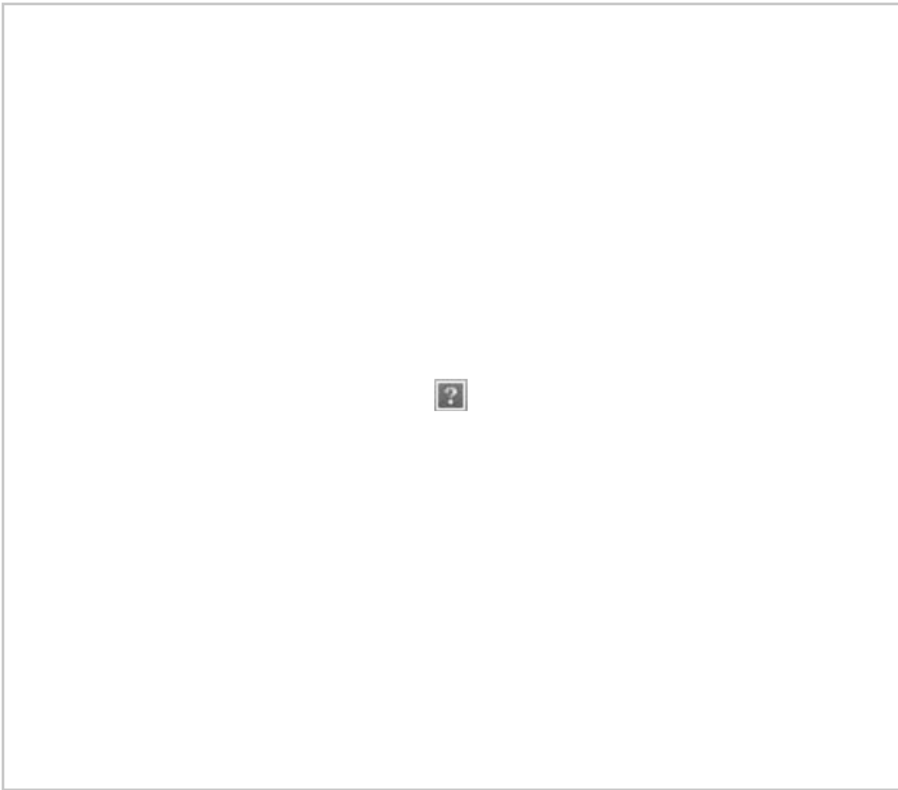
[Drive BC](#)

[Ministry of Environment - Spill Incidents](#)

[USGS Earthquake Information](#)

[National Tsunami Warning Centre](#)

WEATHER MAP



WEATHER ALERTS

Map of British Columbia



David Stanford MA MSc | **Provincial Duty Manager**

[Emergency Management BC](#)

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Ph: 250-952-4278 Fax: 250-952-4872

24 Hour Emergency: 1-800-663-3456

Follow us on Twitter [@EmergencyInfoBC](#) and [@PreparedBC](#)

From: [Turner, Jordan GCPE:EX](#)
To: [Andrew Hopkins](#)
Cc: [Robins, Shawn GCPE:EX](#); [Walker, Melia EMBC:EX](#)
Subject: Re: Old Fort resident asking about HEAP
Date: October 12, 2018 2:45:59 PM
Attachments: [image001.jpg](#)

Hi Andrew,

Minister Farnworth mentioned HEAP as an example of a program that could be considered, if needed. I'll give you a call to explain further.

Shawn and Melia - FYI

Jordan Turner

Communications Manager | EMBC
Government Communications and Public Engagement
Phone: [\(250\) 952-5062](tel:(250)952-5062) **Cell:** [\(250\) 896-1928](tel:(250)896-1928)

On Oct 12, 2018, at 2:42 PM, Andrew Hopkins <Andrew.Hopkins@redcross.ca> wrote:

Hi Jordan,

Our Red Cross operations team received a call this week from a resident in Old Fort who has been evacuated because of the recent landslide. She was very interested in the HEAP program, suggesting Minister Farnworth told her that Red Cross will be administering the HEAP Program in Old Fort. She had questions about how it will be administered, what paper work she will need to complete, and how she can prepare for the transition from ESS.

We took her contact details and promised to get back. Any suggestions on how we respond?

I see the Minister also mentioned HEAP to the media in the story below, but our Operations team aren't aware of any plans to expand it outside the RDKB at this time.

<https://www.alaskahighwaynews.ca/fort-st-john/old-fort-landslide-a-complex-situation-public-safety-minister-says-1.23459444>

Please let me know. If you prefer to discuss by phone, try my cell at 604-753-9640.

Thanks,
Andrew

<image001.jpg> **Andrew Hopkins**
Communications Advisor, B.C. & Yukon

Canadian Red Cross | Croix-Rouge canadienne
3400 Lake City Way
Burnaby | British Columbia | Canada | V5A 4Y2

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Robb, Katie GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Thursday, October 11, 2018 7:44 AM
To: Beale, William TRAN:EX; Bowness, Lianne GCPE:EX; Machell, Aileen GCPE:EX; Papadopoulos, James TRAN:EX; Stone, Lynne TRAN:EX; Trevena, Claire TRAN:EX; Waters, Leah TRAN:EX; Zaharia, Sarah GCPE:EX
Subject: Issues
Attachments: DIR MOTI October 11 2018.docx

For today, updated to include speed limit changes and the latest on Old Fort evacuation.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

DAILY ISSUES REPORT – October 11, 2018

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DAILY ISSUES REPORT – October 11, 2018

Proactive

Thursday, October 11

TRAN - EVENT and NR - Western Trade Corridors Roundtable - Conference/NR: Minister Trevena, and Minister Ralston will attend this event in Vancouver. This is a half-day session for major stakeholders. Main topics: Trade with Asia, and how B.C. is well positioned to take advantage of trade opportunities, connecting communities.

Friday, October 12

N/A

DAILY ISSUES REPORT – October 11, 2018

***NEW* Speed Limit Changes**

On October 4, 2018, a study was published in a journal called Sustainability that was led by Vancouver General Hospital emergency room physician Dr. Jeff Brubacher, and co-authors included road safety engineers at the UBC Okanagan campus.

The study suggested that an increase in fatalities, injuries, crashes and insurance claims on some B.C. roads is linked to the 2014 decision by the former provincial government to raise speed limits on rural highways, following the Rural Safety and Speed Review.

Key Messages:

- I have received the UBC study, and I appreciate the work of Dr. Brubacher and his research partners for their contributions to making our highways safer.
- Peoples' safety on our highways is paramount. I, as Minister and my staff are continually looking at ways to make our roads safer for all people who use them. It's an ongoing process and we're always looking to do better.
- As you are aware, the previous government increased speeds on 33 sections of highway, based on results of the 2014 Rural Safety and Speed Review, with a commitment to review the changes after three years.
- Dr. Brubacher's work is timely, as my staff are currently completing analysis on three years' worth of data for the speed limit changes and I will be bringing forward recommendations and potential changes in the coming weeks.
- I won't speculate on what the data/analysis will conclude. But I do commit to making any changes to speed limits and other measures with the lens of making sure our roads are as safe as possible for all people who use them.
- Speed is but one factor in highway crashes and we're making smart investments in better signage, road markings, variable speed systems, more passing lanes and more to make our roads safer. It's important that above all people drive to conditions and stay focused on top of minding their speed.
- We will also collaborate and work with ICBC, the RCMP and RoadSafetyBC before implementing any changes.

If asked: Does the ministry believe these speed increases were effective?

- In 2016, based on one year's worth of data, 19 of the 33 segments where speed limits were increased showed a reduction or no change in collision rates.

DAILY ISSUES REPORT – October 11, 2018

- On the 14 sections where collision rates increased, the ministry implemented the following safety measures:
 - Improved road markings
 - Better signage
 - New rumble strips
 - Variable speed signs
 - Wildlife safety measures
- On 14 of the 33 segments, the 85th percentile (or average speed) stayed the same.
- It's also important to note that there are many different factors that can lead to a crash, and speed is only one of them.
- Distracted driving, road conditions, and driving too fast for conditions contributed to 54% of serious crashes where speed limits changed.

If asked: Was the speed limit increased on the Malahat with this review?

- No. The speed limit on the Malahat was not altered as part of the Rural Safety and Speed Review.
- Three small sections of Highway 1 on Vancouver Island were increased from 80 km/h to 90 km/h, between Cowichan Bay and Nanaimo.
- These sections total 9.4 kilometres of Highway 1, all of which have four lanes of traffic and concrete dividers.

DAILY ISSUES REPORT – October 11, 2018

***UPDATED* Old Fort Landslide (near Fort St. John)**

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately 1 kilometre west of the Old Fort community, which is just south of Fort St John. A preliminary field and air assessment has been completed, and landslide specialists are on route. The slide continues to move and it could be several days before it stops. 24-hour traffic control and slide monitoring is in place.

Key Messages:

- **I recognize that this is an upsetting and uncertain time for people in Old Fort, following the evacuation order.**
- **The safety and well-being of the people in this community is our top priority.**
- **Staff are working around the clock with the Regional District to get people to the Emergency Reception Centre in Fort St. John and start repairs to the road once the slide stops moving so people can go home.**
- **24 hour traffic control is in place and staff are monitoring the slide by air.**
- **The Peace River Regional District is providing frequent updates on their website and Facebook.**
- **This is a very unsettling time for people in Old Fort, and the root cause of the slide remains under investigation.**
- **Crews need to wait until the slide stops moving and the ground stabilizes to start this work.**
- **We will keep the community updated every step of the way as more information becomes available.**

If asked, what is the impact to the local community?

- There is now an evacuation order in effect for all residents in the area – an Emergency Social Services Reception Centre has been activated in Fort St. John at the Pomeroy Sports Centre.
- Old Fort Road has been damaged, and the road to the community is closed until the slide stops moving and the site is safe for crews to start repairs.
- The Peace River Regional District is providing frequent updates:
Website – <https://prrd.bc.ca/>
Facebook – <https://www.facebook.com/OfficialPRRD/>

DAILY ISSUES REPORT – October 11, 2018

If asked, what is the ministry doing to address this issue?

- We are working around the clock to find a solution – 24-hour traffic control is in place and monitoring continues by air.
- Ministry staff are working closely with the Peace River Regional District and geotechnical professionals, and we are exploring possible options for road access to the community.
- We will continue to provide updates as more information becomes available.

If asked, did Site C construction cause the landslide? What is the cause?

- There is no evidence at this time to suggest that the slide is related to Site C or any of the work taking place on that project.
- The slide location is off the dam site, about one kilometre past the Gate B entrance to Site C.
- Engineers have been investigating the cause of the slide, but it hasn't been determined yet and it's too early to speculate.

If asked about the Deasan Holdings gravel pit above the slide site:

- The Ministry of Energy, Mines and Petroleum Resources (EMPR) has been working with Deasan Holdings to deal with the gravel pit.
- Deasan Holdings provided a safe work plan to EMPR, and started to remove the stockpile, however a stop work order was issued due to the evacuation order.
- Work will continue once it's safe, and Deasan Holdings will be required to update EMPR and MOTI throughout the process.
- Engineers have been investigating the cause of the slide, but it hasn't been determined yet and it's too early to speculate.

If asked, was the gravel pit located above Old Fort being used by the Site C project?

- The gravel pit is not part of the Site C project.

DAILY ISSUES REPORT – October 11, 2018

BC Ferries RFEOI 5 C-Class Ships / Shipbuilding

On October 4, 2018 BC Ferries issued a RFEOI (Request for Expressions of Interest) for the procurement of five new vessels to replace aging fleet assets. BC Ferries is currently evaluating the responses from local, national and international shipyards. BC Ferries plans to issue an RFP later in 2018 with the goal of awarding a contract by the end of the year.

Key Messages:

- **I am aware that B.C. Ferries recently released an Expressions of Interest to procure five new major vessels to serve the Lower Mainland – Vancouver Island routes.**
- **We know BC Ferries is in need of more ships in order to improve the reliability of the service for British Columbians.**
- **We also know that building ships in B.C. would bring great benefits to the local economy, and create good-paying jobs for the people in our province – benefits that far outweigh any cost savings gained by building the ships offshore.**
- **The old government’s refusal to build ships here may present capacity challenges for local industry. Although our local shipyards do much of the repair and refit work on existing vessels, I would like to see how we can support and grow B.C. shipyards so they can bid on and compete with international companies on new shipbuilding contracts.**
- **We have conducted a review of the coastal ferry service and one of the areas that Mr. Redlin looked at is BC Ferries’ procurement practices.**
- **I look forward to sharing the results of the review and our next steps to support our local shipbuilding industry later this fall.**

DAILY ISSUES REPORT – October 11, 2018

BC Ferries – Northern Sea Wolf

BC Ferries will be releasing an internal update as well as a Service Notice in the coming days letting people know that MV Nimpkish will serve the Mid-Coast Connector (Bella Bella – Bella Coola) route from October 12, 2018 through spring 2019 on the existing schedule. This is a change from their previous plan to deploy the Northern Sea Wolf in the region during that time.

Key Messages:

- I was disappointed to hear that the Northern Sea Wolf won't be in place until next spring.
- The previous administration, which cancelled the Discovery Coast Passage route in 2014, asked BC Ferries to acquire a used vessel so that they could begin providing direct sailings between Port Hardy and Bella Coola in the summer, beginning in mid-June of this year.
- Unfortunately, the vessel upgrades took longer than expected.
- Due to the delay, BC Ferries is using the Northern Adventure to provide the direct sailings between Port Hardy and Bella Coola until October 11th this year.
- After October 11th, BC Ferries will be offering free sailings on the Nimpkish for travel between Bella Bella and Bella Coola until next spring.
- BC Ferries has announced that it will extend the 2019 peak season. The Northern Sea Wolf will run between Port Hardy and Bella Coola from June 3 to October 10, 2019.

DAILY ISSUES REPORT – October 11, 2018

***NEW* High speed rail – Washington State/B.C.**

The Washington State government wants to examine the concept of an ultra-high-speed corridor connecting Vancouver – Seattle – Portland in greater detail with an in-depth business case analysis. The B.C. government did not contribute funding to those studies, but the Province had representatives on an advisory panel from the Intergovernmental Relations Secretariat and the Ministry of Transportation and Infrastructure.

Key Messages:

- **Our government is very interested in exploring clean and efficient transportation solutions that improve travel and tourism, expand economic opportunity and strengthen trade relations with our U.S. partners.**
- **In March 2018, Premier Horgan announced our government’s contribution of \$300,000 towards an in-depth study – to be led by the state of Washington – into the feasibility of an ultra-high-speed corridor between Vancouver, Seattle, Portland and beyond.**
- **On October 10, Premier Horgan and Governor Inslee continued their bi-lateral discussions and signed an MOU which identifies numerous areas of collaboration – ways in which we can continue our work together on this idea.**
- **This includes exploring the possibility of a new multi-jurisdictional Ultra High Speed Rail Corridor authority that could help lead the project in any agreed-upon subsequent phases.**
- **We support the work Governor Inslee is doing on the feasibility of a Vancouver-Seattle-Portland ultra-high-speed corridor and will continue to be a part of the discussions with Washington State on the future potential of this service.**
- **The Washington state legislature has approved up to \$1.2 million US for this study, to be completed by June 2019.**

DAILY ISSUES REPORT – October 11, 2018

Malahat – General

Key Messages:

- I understand that people on southern Vancouver Island are tired of talking about solutions for the Malahat. Vancouver Islanders want to see action. And they want to see it now.
- That's why we are investing in the next phase of safety improvements that will also improve the reliability of this narrow corridor.
- Goldstream park is a beautiful natural setting that is vital for salmon spawning - but it presents challenges when it comes to highway infrastructure. We are literally working between a rock and a hard place. There is a mountain on one side and an important salmon spawning ground on the other.
- By starting the design work to build a median barrier through this park – we are saving lives by preventing dangerous head-on collisions. We are also improving the reliability of this highway by taking bold steps to eliminate the types of accidents that lead to lengthy closures and potential environmental concerns from fuel spills.
- But unfortunately, accidents do happen. Sometimes crashes occur due to driver error or sometimes because of unforeseen acts of nature. That's why we are urgently exploring all options for creating a temporary second route when emergencies do occur.
- I've asked my staff to explore the feasibility of a temporary emergency detour to see if we can find a balance between environmental concerns and the need to keep people moving.

DAILY ISSUES REPORT – October 11, 2018

Patterson Pass (Malahat)

A resident near the newly completed construction zone on the Malahat has written to the ministry asking for the government to consider naming this section of the Malahat “Patterson Pass” in tribute to late fire chief Rob Patterson, for his advocacy in safety improvements on the Malahat.

Some local media are referring to this as a movement – the ministry can confirm it has received one request from a single individual suggesting renaming a stretch of Highway 1 to “Patterson pass.”

Key Messages:

- **Chief Patterson dedicated his professional career to selflessly helping others around Highway 1 and the Malahat village.**
- **He was an important and crucial voice for advocating for safety on the Malahat through installing median barriers and increased enforcement.**
- **His legacy is evident through the continued safety improvements along this corridor.**
- **The ministry can confirm it has received one request from a single individual suggesting renaming a stretch of Highway 1 to “Patterson Pass.”**
- **The minister is currently directing staff to look into ways to honour Chief Patterson and the important role he played in making this highway safer.**
- **The ministry expects to share more information on this in the coming months.**

DAILY ISSUES REPORT – October 11, 2018

Ridesharing Update - General

On July 19, 2018, Minister Trevena made an announcement regarding government's next steps on bringing ridesharing into B.C. and Dr. Dan Hara presented his review with a technical briefing for media. They followed up with a media QA on the subject and follow up media interviews. The NR announced that the B.C. government is increasing the number of taxis on the streets, while easing the way for other rideshare services to offer services to British Columbians by fall 2019. These first steps in the action plan are intended to improve marketplace conditions for innovative transportation companies.

Key Messages:

- **We recognize the frustrations that people have - particularly in Metro Vancouver. People want more options for getting around efficiently.**
- **That's why we are taking the first steps in our action plan to bring ridesharing to B.C.**
- **We acknowledge that it's taking longer than anticipated to create the regulatory structure and insurance that will allow ridesharing companies (such as Uber and Lyft) to enter the B.C. market.**
- **We share people's frustrations, but we have a responsibility to get things done right.**
- **Passenger safety is number one. We need to ensure that passengers are transported in safe vehicles with safe drivers who have completed a background check.**
- **We also have to make sure that the proper insurance is in place, so if there is a crash, the coverage is there.**
- **We are tabling ridesharing legislation this fall. This will include the changes needed to create ICBC insurance products, tailored for ridesharing companies.**
- **Also, we are putting 500 more taxis on the streets (300 in Metro Vancouver and 200 to the rest of the province).**
- **Our approach will modernize the taxi industry and help meet current demand, while opening the door to other vehicles for hire - so people can move around how they want, when they want, safely.**
- **We expect ridesharing companies to be ready to offer services in B.C. by September 2019. We recognize this is taking longer than anticipated, but again, we have a responsibility to get things done right.**

DAILY ISSUES REPORT – October 11, 2018

Ridesharing – Passenger Transportation Board approval

On September 11th Passenger Transportation Board Chair Catharine Read provided a presentation to UBCM in which taxi modernization was discussed, including that the Board was moving forward with the 3 key Hara initiatives – most importantly, the recommendation to increase the supply of taxis on the road by 15%.

Applications have been open since September 17th.

Key Messages:

- I'd like to thank the Board for working with Dr. Hara over the past two months to implement a series of recommended and immediate short-term actions that will help people get around the city more efficiently and better meet consumer demand.
- This is the first phase in our ride sharing action plan in delivering more convenience and flexibility so people can move around how they want, when they want, safely.
- Existing licensees will be able to apply to the Board to increase the number of vehicles in their fleet by up to 15 percent to mitigate the shortage of cabs in Metro Vancouver and provide some relief for passengers until we get a system in place to allow for ridesharing.
- This means 300 more taxis in the Lower Mainland to keep people moving, and approximately 200 more cabs throughout the rest of the province.
- We recognize the frustrations that people have - particularly in Metro Vancouver. These first steps will provide immediate relief for passengers while we continue to work toward tabling legislation this fall.

What do you think of the Board's process for implementing government's recommendations?

- The Passenger Transportation Board is an independent tribunal and is responsible for approving requests for additional taxi licenses and vehicles before they can operate.
- This approval process involves a thorough review with the taxi industry and stakeholders – Dr. Dan Hara has been involved in this process.
- We respect the independent nature of the tribunal and appreciate their support of the Hara report and these first steps in the modernization of the taxi industry.

What is the total cost of retaining Dr. Hara?

- The total cost of the contract is valued at \$165,000.
- Dr. Hara's contract was extended until December 31, 2018 by up to \$26,000.

DAILY ISSUES REPORT – October 11, 2018

Community Benefits Agreements

On July 16, 2018, Premier John Horgan and Minister Claire Trevena announced a new, landmark framework for major infrastructure projects in B.C. to deliver good paying jobs, better training and apprenticeships, and more trades opportunities for Indigenous people, women and youth around the province.

Key Messages:

- **When we build a project like the Pattullo Bridge or four-lane sections of the Trans-Canada Highway we want the people of B.C. –and those who live near these projects - to be the first to benefit.**
- **Community Benefit Agreements provide good-paying jobs, better training and apprenticeships, and better opportunities for Indigenous people, women and youth so local people stand to gain the most from public infrastructure spending.**
- **Workers on these projects will have the assurance of knowing where their next paycheque is coming from.**
- **They will have a secure, better paying job and more money in their pockets.**
- **It also helps employers who say they can't find enough workers with a looming skills shortage. 75% of companies surveyed last fall said there are not enough qualified trade workers like pipefitters, plumbers or electricians.**
- **With 60,000 job openings over the next ten years – almost all retiring workers – government is poised to train the next generation through a Community Benefits approach.**
- **This agreement also protects against expensive overruns that we've seen in the past under the previous government's lowest-bid model, leaving taxpayers on the hook.**
- **We're not just investing in roads, bridges and other infrastructure, we're investing in good jobs and new opportunities for people - building up B.C. with the next generation of construction workers.**

DAILY ISSUES REPORT – October 11, 2018

Community Benefits Agreements – Petition filed

A petition was filed on Monday, August 27th in the B.C. Supreme Court by a group of petitioners including the Independent Contractors and Businesses Association, various construction associations, non-Building Trades Unions and non-Building Trades contractors.

The petition challenges:

- The scope of the Minister's authority under S.3 of the Transportation Act, (which includes the power to enter into contracts). The petitioners assert that the Building Trades only requirement is irrelevant to the statutory purpose and therefore outside the Minister's authority.
- The Building Trades Only Requirement violates Charter protection for free expression, for free association, and against discrimination in public employment. The petitioners assert any infringements of the Charter are not justified as reasonable limits under S.1 of the Charter.

Key Messages:

- **Government stands behind the principles of the Community Benefits Agreement (CBA) to deliver good paying jobs, enhanced training, more apprenticeships and more opportunities for Indigenous people, women and youth around the province.**
- **I am aware of the petition filed seeking to stop the use of the full CBA on the new Pattullo Bridge, and its application to other projects.**
- **In anticipation of receiving the filed court documents, a litigation team is being established and preparation for a response is underway.**
- **We will defend the CBA and the right of all workers to benefit from the fair wages and working conditions this agreement sets out.**
- **In the meantime we will continue with the procurement for the new Pattullo Bridge, including the application of the CBA.**

DAILY ISSUES REPORT – October 11, 2018

Greyhound stopping operations in Western Canada

On July 9, 2018, Greyhound Canada announced that it is ending its passenger bus and freight services in Western Canada. This will stop service in Alberta, Saskatchewan and Manitoba, and all but one route in B.C. - a U.S.-run service between Vancouver and Seattle. The changes take place on October 31. This will mean Ontario and Quebec will be the only regions where Greyhound will still run its services. In a statement, Greyhound Canada senior vice-president Stuart Kendrick said: "This decision is regretful and we sympathize with the fact that many small towns are going to lose service." The company says they have experienced a 41 per cent decline in ridership since 2010, and persistent competition from subsidized national and inter-regional passenger transportation services.

Key Messages:

- **The news of Greyhound's full withdrawal from B.C. has understandably resulted in people feeling worried and uncertain about what that means for their everyday lives, and how they will continue getting around safely and affordably.**
- **I share their concern and want people to know that our government hears them and they will not be left stranded without access to transportation.**
- **We are focusing our efforts on finding solutions, and we are working tirelessly to do so. What those solutions will be is not yet known, but I assure you that we will get there.**
- **We are encouraged by the Prime Minister's commitment to work with the affected provinces, indicating that he understands the importance of transportation to a country as diverse and vast as Canada. Along with other provinces, B.C. will urge the federal government to work with Greyhound to extend the notice period, to make sure people have safe and reliable transportation options.**
- **The Province will continue working with our federal and local partners to find a solution that works for people, and that ensures people in B.C. have access to safe, affordable and reliable ground transportation.**

DAILY ISSUES REPORT – October 11, 2018

George Massey Tunnel Replacement Project – Review

An independent technical review of the George Massey crossing, led by professional engineer Stan Cowdell, is now with the Ministry of Transportation and Infrastructure. The Minister and ministry staff will take the summer to analyze this report and consider next steps.

Key Messages:


- **We've heard the concerns raised by Metro Vancouver and many residents about the idea of building a 10-lane bridge to replace the George Massey Tunnel, and the costs associated with such a large project.**
- **Before any more work is done, it's important to explore the options available for this corridor.**
- **As you know, Stan Cowdell, a professional engineer with expertise in major infrastructure projects, led an independent technical review of the options available for the corridor. Mr. Cowdell submitted his report in late June.**
- **The ministry is thoroughly reviewing the report to consider its findings and possible next steps.**
- **I will also discuss the findings with Metro Vancouver and the region's mayors to ensure that any future direction on the tunnel crossing is supported by the people in the region.**

Robb, Katie GCPE:EX

From: Richter, Kevin J TRAN:EX
Sent: Wednesday, October 10, 2018 11:10 AM
To: Trevena, Claire TRAN:EX
Cc: Beale, William TRAN:EX; Papadopoulos, James TRAN:EX; Robb, Katie GCPE:EX; Main, Grant TRAN:EX; Maxwell, Scott D TRAN:EX; Ostropolski, Melissa TRAN:EX
Subject: Update - Maps: Old Fort Slide, October 10, 11:00
Attachments: OldFortSlide_AccessOptions_2018-10-10_rev1.pdf; OldFortSlide_Landslides_2018-10-10.pdf

Maps as promised last night.

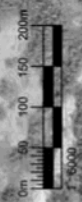



 Ministry of Transportation and Infrastructure
 Geological and Materials Branch

ACCESS ROAD OPTIONS
OLD FORT SLIDE
SA22 - PEACE DISTRICT

DRAWN BY:	S. Riaz	PRODUCTION:	UTM Zone 10	SCALE:	AS SHOWN
CHECKED BY:	G. Malar	DATUM:	NAD83	DATE:	10 October 2018
FILE:	geobase_accessroads_2018_03-08.dwg	PROJECT NO.:		FIG. NO.:	FIGURE 1

This drawing was originally produced in colour.




 Ministry of Transportation and Infrastructure
 Geotechnical and Materials Branch

APPROXIMATE LANDSLIDES
OLD FORT SLIDE
SA22 - PEACE DISTRICT

DRAWN BY:	S. Rizzi	PRODUCTION:	UTM Zone 10	SCALE:	AS SHOWN
CHECKED BY:	G. Hargrave	DATE:	NA03	DATE:	10 October 2018
DATE:	acceptance 2018-09-28	PROJECT NO.:	-	FIGURE:	FIGURE 1

- Legend**
- Approximate Extents of Western Landslide - Active
 - Approximate Extents of Old Fort Landslide - Active
 - Approximate Extents of Eastern Old Landslide - Inactive

This drawing was originally produced in colour.

Robb, Katie GCPE:EX

From: Bowness, Lianne GCPE:EX
Sent: Wednesday, October 10, 2018 8:39 AM
To: Beale, William TRAN:EX; Papadopoulos, James TRAN:EX; Stone, Lynne TRAN:EX; Waters, Leah TRAN:EX; Leverman, Charly TRAN:EX; Machell, Aileen GCPE:EX
Cc: GCPE Communications - Transportation & Infrastructure; Lewthwaite, Jennifer TRAN:EX; Middleton, Cindy TRAN:EX
Subject: Updated IN - Old Fort Road Landslide
Attachments: IN Old Fort Road Landslide.docx

Good morning –
The IN for Old Fort Road Landslide has received a few edits this morning.
Please replace earlier versions with this one.
Thank you

Lianne Bowness | Communications Manager
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Direct: 250-356-7707
Cell: 250-889-1336

ADVICE TO MINISTER

CONFIDENTIAL ISSUES NOTE	Old Fort Road Landslide (near Fort St. John)
Ministry: Transportation and Infrastructure	
Date: October 9, 2018	
Minister Responsible: Claire Trevena	

ADVICE AND RECOMMENDED RESPONSE:

s.13

If asked, where did the landslide take place?

- The slide took place approximately 1 kilometre west of the Old Fort community, just south of Fort St. John.

If asked, what is the impact to the local community?

- There is now an evacuation order in effect for all residents in the area – an Emergency Social Services Reception Centre has been activated in Fort St. John at the Pomeroy Sports Centre.
- Old Fort Road has been damaged, and the road to the community is closed until the slide stops moving and the site is safe for crews to start repairs.
- The Peace River Regional District is providing frequent updates:
Website – <https://prrd.bc.ca/>
Facebook – <https://www.facebook.com/OfficialPRRD/>
- There are three impacted areas – the main original slide, the west slide, and the east area (totalling more than 6 million cubic metres).

If asked, what is the ministry doing to address this issue?

- We are working around the clock to find a solution – 24-hour traffic control and slide monitoring is in place.
- Ministry staff are working closely with the Peace River Regional District geotechnical professionals, and we are exploring possible options for road access to the community.
- We will continue to provide updates as more information becomes available.

s.13

BACKGROUND REGARDING THE ISSUE:

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately 1 kilometre west of the Old Fort community, which is just south of Fort St John.

A preliminary field and air assessment has been completed, and landslide specialists are on route. The slide continues to move and it could be several days before it stops. 24-hour traffic control and slide monitoring is in place.

The Old Fort Road has been damaged and the road to the community is closed until the site can be determined to be safe to allow crews to enter to start the repairs.

The Ministry is working with the Peace River Regional District (PRRD) to find suitable access options for the residents in the meantime.

There is now an evacuation order in effect for all residents in the area – an Emergency Social Services Reception Centre has been activated in Fort St. John at the Pomeroy Sports Centre.

Communications Contact:
Program Contact:

Brendan Phelps
Hali Davenport

250-387-8619
250-787-3310

ADVICE TO MINISTER

Minister's Office	Program Area	ADM	Comm. Dir
	HD		

Robb, Katie GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Wednesday, October 10, 2018 8:34 AM
To: Bowness, Lianne GCPE:EX
Cc: Phelps, Brendan GCPE:EX
Subject: Re: Old Fort messaging

I think it should be sent up ASAP given MCT is doing a media event early afternoon.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
M: [250.920.8371](tel:250.920.8371)

On Oct 10, 2018, at 8:28 AM, Bowness, Lianne GCPE:EX <Lianne.Bowness@gov.bc.ca> wrote:

Great! I will send it up in the 3 PM email

From: Phelps, Brendan GCPE:EX
Sent: Wednesday, October 10, 2018 8:23 AM
To: Robb, Katie GCPE:EX; Bowness, Lianne GCPE:EX
Subject: RE: Old Fort messaging

Thanks, I've saved this version with the BC Hydro edits in our final folder.

From: Robb, Katie GCPE:EX
Sent: Tuesday, October 9, 2018 5:13 PM
To: Phelps, Brendan GCPE:EX; Bowness, Lianne GCPE:EX
Subject: Fwd: Old Fort messaging

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
M: [250.920.8371](tel:250.920.8371)

Begin forwarded message:

From: "Alexis, Greg" <Greg.Alexis@bchydro.com>
Date: October 9, 2018 at 5:06:22 PM PDT
To: "Haslam, David GCPE:EX" <David.Haslam@gov.bc.ca>, "Robb, Katie GCPE:EX" <Katie.Robb@gov.bc.ca>, "Robins, Shawn GCPE:EX" <Shawn.1.Robins@gov.bc.ca>
Cc: "Sauer, Darwin" <Darwin.Sauer@bchydro.com>, "Beaupre, Darren GCPE:EX" <Darren.Beaupre@gov.bc.ca>, "Smith, Paula GCPE:EX" <Paula.Smith@gov.bc.ca>, "Karemaker, Kent GCPE:EX" <Kent.Karemaker@gov.bc.ca>, "Zadravec, Don GCPE:EX" <Don.Zadravec@gov.bc.ca>
Subject: RE: Old Fort messaging

Please find attached BC Hydro's updated issues note on the landslide. We have also made some suggested edits to MoTI's note that was sent earlier.

From: Haslam, David GCPE:EX [<mailto:David.Haslam@gov.bc.ca>]
Sent: 2018, October 09 3:12 PM
To: Robb, Katie GCPE:EX; Robins, Shawn GCPE:EX
Cc: Sauer, Darwin; Alexis, Greg; Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX;

Karemaker, Kent GCPE:EX; Zadavec, Don GCPE:EX

Subject: RE: Old Fort messaging

Including Don Z. We're also working on an EMPR staffer to be there to brief MMF as well. Looks like it's going to be Adrian Poole – will let you know when I confirm.

From: Robb, Katie GCPE:EX

Sent: Tuesday, October 9, 2018 2:52 PM

To: Haslam, David GCPE:EX; Robins, Shawn GCPE:EX

Cc: 'Sauer, Darwin'; Greg Alexis (Greg.Alexis@bchydro.com); Beaupre, Darren GCPE:EX;

Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX

Subject: RE: Old Fort messaging

Here is our updated IN. Scott Maxwell, MoTI's ED for the North, will be there to brief Minister Farnworth tomorrow.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure

Government Communications & Public Engagement

O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Haslam, David GCPE:EX

Sent: Tuesday, October 9, 2018 2:34 PM

To: Robins, Shawn GCPE:EX

Cc: Robb, Katie GCPE:EX; 'Sauer, Darwin'; Greg Alexis (Greg.Alexis@bchydro.com);

Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX

Subject: Old Fort messaging

Shawn – as discussed attached is MoTI IN on Old Fort to support MMF tour of the EOC tomorrow 10 am to 11 am. BC Hydro coms is working on additional Site C landslide messaging. In addition to Katie Robb, I've included Darwin Saurer and Site C manager Greg Alexis as well so all in the loop. I'll reach out to EMPR staff to see if it's possible to provide MMF a technical briefing on at the EOC. Trust this helps - David

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-BCHydroDisclaimerID5.2.8.1541

Robb, Katie GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Wednesday, October 10, 2018 7:45 AM
To: Beale, William TRAN:EX; Papadopoulos, James TRAN:EX; Stone, Lynne TRAN:EX
Cc: Machell, Aileen GCPE:EX; Zaharia, Sarah GCPE:EX; Bowness, Lisanne GCPE:EX
Subject: DIR MOTI October 10 2018.docx
Attachments: DIR MOTI October 10 2018.docx; ATT00001.htm

Good morning, here are is our issues report for the day.

DAILY ISSUES REPORT – October 10, 2018

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DAILY ISSUES REPORT – October 10, 2018

Proactive

Wednesday, October 10

TRAN - EVENT and NR - Shift Into Winter - Minister Trevena to kick off Shift Into Winter for BC, with the reminder of getting your vehicle fitted with winter tires if planning on using any of the designated highways that require them, drive with caution, drive to conditions, pack an emergency kit, etc. MLA Rob Fleming as MC.

TRAN - Speech - Long Service Awards - Minister Trevena presents awards - Ceremonies: BC Public Service - Location: 1401 Rockland Avenue, Victoria BC; Time: 7:15-9:00p.m. (speech and award presentations to employees who have 25, 30, 35, 40, 45, 50 years of service. (1426 employees this year)

Thursday, October 11

TRAN - EVENT and NR - Western Trade Corridors Roundtable - Conference/NR: Minister Trevena, and Minister Ralston will attend this event in Vancouver. This is a half-day session for major stakeholders. Main topics: Trade with Asia, and how B.C. is well positioned to take advantage of trade opportunities, connecting communities.

Friday, October 12

N/A

DAILY ISSUES REPORT – October 10, 2018

***UPDATED* Old Fort Landslide (near Fort St. John)**

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately 1 kilometre west of the Old Fort community, which is just south of Fort St John. A preliminary field and air assessment has been completed, and landslide specialists are on route. The slide continues to move and it could be several days before it stops. 24-hour traffic control and slide monitoring is in place.

Key Messages:

- **I recognize that this is an upsetting and uncertain time for people in Old Fort, following the evacuation order.**
- **The safety and well-being of the people in this community is our top priority.**
- **Staff are working around the clock with the Regional District to get people to the Emergency Reception Centre in Fort St. John and start repairs to the road once the slide stops moving so people can go home.**
- **24 hour traffic control is in place and staff are monitoring the slide by air.**
- **The Peace River Regional District is providing frequent updates on their website and Facebook.**
- **This is a very unsettling time for people in Old Fort, and the root cause of the slide remains under investigation.**
- **Crews need to wait until the slide stops moving and the ground stabilizes to start this work.**
- **We will keep the community updated every step of the way as more information becomes available.**

If asked, what is the impact to the local community?

- There is now an evacuation order in effect for all residents in the area – an Emergency Social Services Reception Centre has been activated in Fort St. John at the Pomeroy Sports Centre.
- Old Fort Road has been damaged, and the road to the community is closed until the slide stops moving and the site is safe for crews to start repairs.
- The Peace River Regional District is providing frequent updates:
Website – <https://prrd.bc.ca/>
- Facebook – <https://www.facebook.com/OfficialPRRD/>

If asked, what is the ministry doing to address this issue?

- We are working around the clock to find a solution – 24-hour traffic control is in

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place and monitoring continues by air.

- Ministry staff are working closely with the Peace River Regional District and geotechnical professionals, and we are exploring possible options for road access to the community.
- We will continue to provide updates as more information becomes available.

If asked, did Site C construction cause the landslide? What is the cause?

- BC Hydro has informed us that there is no evidence at this time to suggest that the slide is related to Site C or any of the work taking place on that project.
- The slide location is off the dam site, about one kilometre past the Gate B entrance to Site C.
- Engineers have been investigating the cause of the slide, but it hasn't been determined yet and it's too early to speculate.

If asked about the Deasan Holdings gravel pit above the slide site:

- The Ministry of Energy, Mines and Petroleum Resources (EMPR) has been working with Deasan Holdings to deal with the gravel pit.
- Deasan Holdings provided a safe work plan to EMPR, and started to remove the stockpile, however a stop work order was issued due to the evacuation order.
- Work will continue once it's safe, and Deasan Holdings will be required to update EMPR and MOTI throughout the process.
- Engineers have been investigating the cause of the slide, but it hasn't been determined yet and it's too early to speculate.

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Tent Cities – Goldstream Park and Maple Ridge

Goldstream Park: (KMs from MAH)

Key Messages:

- Shelter has been offered to all homeless campers that were staying at Goldstream Provincial Park. It is our understanding that at least 10 people have been housed or sheltered since the camp first started at Regina Park. And there is still some shelter space available for those in need.
- The campers began to depart from Goldstream on Monday and the move continued on Tuesday, with everyone now moved out of the park.
- BC Housing has connected with multiple shelters throughout Victoria who are prepared to take in new clients, including: Rock Bay Landing, Sandy Merriman Shelter, Victoria Native Friendship Centre and Arbutus Shelter.
- BC Housing and outreach staff are continuing to work with campers to match them with the right housing for their individual needs. Ultimately, our goal is to ensure the safety of everyone involved.

Maple Ridge:

*Note MAH and the City of Maple Ridge are the lead on this file

Currently, there are approximately 70 campers in the Anita Place camp located between the Haney Bypass and St. Anne Avenue in Maple Ridge. This camp has existed since May 2017. The Ministry of Transportation and Infrastructure (MOTI) owns 2 parcels of the land (comprising approximately half of the encampment site) and licenses them to the municipality to use as a park. Maple Ridge owns the third parcel.

MAH is currently installing temporary housing in Maple Ridge to accommodate about half of the campers and an opening ceremony will be held October 12. They are working with the remaining campers to find alternate solutions.

On September 24, 2018, the Fire Commissioner served an order under the Fire Services Act. Maple Ridge parks staff are attempting to clean the site to comply with the order. The Fire Chief has also now issued inspection orders and more work will be undertaken by the City on October 4, 2018.

MOTI staff have been on site to observe and to provide support to Maple Ridge in the clean-up efforts. Under the terms of the License with Maple Ridge, the municipality is compelled to enforce all by-laws, keep the lands clean and sanitary, and enforce any orders. Last week MOTI installed “No Trespassing” signs on all BCTFA properties in

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the surrounding area and cleaned potentially hazardous refuse from the highway lands adjacent to the encampment. (With sensitivity towards the campers, signs were not installed directly within the Anita Place camp. MOTI and Maple Ridge are also holding off issuing any notices until temporary housing is available for the campers.)

The campers have launched appeals against both the Province and the City.

Key Messages:

- **People's health and safety is our first priority.**
- **Ministries of Transportation and Housing staff are working closely with Maple Ridge to address concerns about the safety of those in the camp, its neighbours, and people traveling on provincial highway right of way.**
- **For too long, the challenges for people who are homeless in Maple Ridge have not been addressed.**
- **Our government is taking a new approach.**
- **We are working to provide a full spectrum of housing options and supports to help people in Maple Ridge who are struggling with homelessness and those living in unsafe conditions.**
- **We need to get people living without shelter and supports at the Anita Place camp and elsewhere in Maple Ridge into secure housing where they can begin the transition to more permanent housing, which in turn helps the broader community.**
- **We have seen numerous supportive housing projects open successfully across the province, bringing benefits to both the community and the residents and we hope to see that success continue in Maple Ridge.**

If asked about the land where campers are set up:

- The camp is on land owned by the City of Maple Ridge and the Province.
- The Ministry of Transportation and Infrastructure owns 2 of the 3 parcels, which are licensed to the municipality for use as a park.

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***UPDATED* BC Ferries RFEOI 5 C-Class Ships / Shipbuilding**

On October 4, 2018 BC Ferries issued a RFEOI (Request for Expressions of Interest) for the procurement of five new vessels to replace aging fleet assets. BC Ferries is currently evaluating the responses from local, national and international shipyards. BC Ferries plans to issue an RFP later in 2018 with the goal of awarding a contract by the end of the year.

Key Messages:

- **I am aware that B.C. Ferries recently released an Expressions of Interest to procure five new major vessels to serve the Lower Mainland – Vancouver Island routes.**
- **We know BC Ferries is in need of more ships in order to improve the reliability of the service for British Columbians.**
- **We also know that building ships in B.C. would bring great benefits to the local economy, and create good-paying jobs for the people in our province – benefits that far outweigh any cost savings gained by building the ships offshore.**
- **The old government’s refusal to build ships here may present capacity challenges for local industry. Although our local shipyards do much of the repair and refit work on existing vessels, I would like to see how we can support and grow B.C. shipyards so they can bid on and compete with international companies on new shipbuilding contracts.**
- **We have conducted a review of the coastal ferry service and one of the areas that Mr. Redlin looked at is BC Ferries’ procurement practices.**
- **I look forward to sharing the results of the review and our next steps to support our local shipbuilding industry later this fall.**

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BC Ferries – Northern Sea Wolf

BC Ferries will be releasing an internal update as well as a Service Notice in the coming days letting people know that MV Nimpkish will serve the Mid-Coast Connector (Bella Bella – Bella Coola) route from October 12, 2018 through spring 2019 on the existing schedule. This is a change from their previous plan to deploy the Northern Sea Wolf in the region during that time.

Key Messages:

- I was disappointed to hear that the Northern Sea Wolf won't be in place until next spring.
- The previous administration, which cancelled the Discovery Coast Passage route in 2014, asked BC Ferries to acquire a used vessel so that they could begin providing direct sailings between Port Hardy and Bella Coola in the summer, beginning in mid-June of this year.
- Unfortunately, the vessel upgrades took longer than expected.
- Due to the delay, BC Ferries is using the Northern Adventure to provide the direct sailings between Port Hardy and Bella Coola until October 11th this year.
- After October 11th, BC Ferries will be offering free sailings on the Nimpkish for travel between Bella Bella and Bella Coola until next spring.
- BC Ferries has announced that it will extend the 2019 peak season. The Northern Sea Wolf will run between Port Hardy and Bella Coola from June 3 to October 10, 2019.

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Malahat – General

Key Messages:

- I understand that people on southern Vancouver Island are tired of talking about solutions for the Malahat. Vancouver Islanders want to see action. And they want to see it now.
- That's why we are investing in the next phase of safety improvements that will also improve the reliability of this narrow corridor.
- Goldstream park is a beautiful natural setting that is vital for salmon spawning - but it presents challenges when it comes to highway infrastructure. We are literally working between a rock and a hard place. There is a mountain on one side and an important salmon spawning ground on the other.
- By starting the design work to build a median barrier through this park – we are saving lives by preventing dangerous head-on collisions. We are also improving the reliability of this highway by taking bold steps to eliminate the types of accidents that lead to lengthy closures and potential environmental concerns from fuel spills.
- But unfortunately, accidents do happen. Sometimes crashes occur due to driver error or sometimes because of unforeseen acts of nature. That's why we are urgently exploring all options for creating a temporary second route when emergencies do occur.
- I've asked my staff to explore the feasibility of a temporary emergency detour to see if we can find a balance between environmental concerns and the need to keep people moving.

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Patterson Pass (Malahat)

A resident near the newly completed construction zone on the Malahat has written to the ministry asking for the government to consider naming this section of the Malahat “Patterson Pass” in tribute to late fire chief Rob Patterson, for his advocacy in safety improvements on the Malahat.

Some local media are referring to this as a movement – the ministry can confirm it has received one request from a single individual suggesting renaming a stretch of Highway 1 to “Patterson pass.”

Key Messages:

- **Chief Patterson dedicated his professional career to selflessly helping others around Highway 1 and the Malahat village.**
- **He was an important and crucial voice for advocating for safety on the Malahat through installing median barriers and increased enforcement.**
- **His legacy is evident through the continued safety improvements along this corridor.**
- **The ministry can confirm it has received one request from a single individual suggesting renaming a stretch of Highway 1 to “Patterson Pass.”**
- **The minister is currently directing staff to look into ways to honour Chief Patterson and the important role he played in making this highway safer.**
- **The ministry expects to share more information on this in the coming months.**

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Ridesharing Update - General

On July 19, 2018, Minister Trevena made an announcement regarding government's next steps on bringing ridesharing into B.C. and Dr. Dan Hara presented his review with a technical briefing for media. They followed up with a media QA on the subject and follow up media interviews. The NR announced that the B.C. government is increasing the number of taxis on the streets, while easing the way for other rideshare services to offer services to British Columbians by fall 2019. These first steps in the action plan are intended to improve marketplace conditions for innovative transportation companies.

Key Messages:

- **We recognize the frustrations that people have - particularly in Metro Vancouver. People want more options for getting around efficiently.**
- **That's why we are taking the first steps in our action plan to bring ridesharing to B.C.**
- **We acknowledge that it's taking longer than anticipated to create the regulatory structure and insurance that will allow ridesharing companies (such as Uber and Lyft) to enter the B.C. market.**
- **We share people's frustrations, but we have a responsibility to get things done right.**
- **Passenger safety is number one. We need to ensure that passengers are transported in safe vehicles with safe drivers who have completed a background check.**
- **We also have to make sure that the proper insurance is in place, so if there is a crash, the coverage is there.**
- **We are tabling ridesharing legislation this fall. This will include the changes needed to create ICBC insurance products, tailored for ridesharing companies.**
- **Also, we are putting 500 more taxis on the streets (300 in Metro Vancouver and 200 to the rest of the province).**
- **Our approach will modernize the taxi industry and help meet current demand, while opening the door to other vehicles for hire - so people can move around how they want, when they want, safely.**
- **We expect ridesharing companies to be ready to offer services in B.C. by September 2019. We recognize this is taking longer than anticipated, but again, we have a responsibility to get things done right.**

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Ridesharing – Passenger Transportation Board approval

On September 11th Passenger Transportation Board Chair Catharine Read provided a presentation to UBCM in which taxi modernization was discussed, including that the Board was moving forward with the 3 key Hara initiatives – most importantly, the recommendation to increase the supply of taxis on the road by 15%.

Applications have been open since September 17th.

Key Messages:

- I'd like to thank the Board for working with Dr. Hara over the past two months to implement a series of recommended and immediate short-term actions that will help people get around the city more efficiently and better meet consumer demand.
- This is the first phase in our ride sharing action plan in delivering more convenience and flexibility so people can move around how they want, when they want, safely.
- Existing licensees will be able to apply to the Board to increase the number of vehicles in their fleet by up to 15 percent to mitigate the shortage of cabs in Metro Vancouver and provide some relief for passengers until we get a system in place to allow for ridesharing.
- This means 300 more taxis in the Lower Mainland to keep people moving, and approximately 200 more cabs throughout the rest of the province.
- We recognize the frustrations that people have - particularly in Metro Vancouver. These first steps will provide immediate relief for passengers while we continue to work toward tabling legislation this fall.

What do you think of the Board's process for implementing government's recommendations?

- The Passenger Transportation Board is an independent tribunal and is responsible for approving requests for additional taxi licenses and vehicles before they can operate.
- This approval process involves a thorough review with the taxi industry and stakeholders – Dr. Dan Hara has been involved in this process.
- We respect the independent nature of the tribunal and appreciate their support of the Hara report and these first steps in the modernization of the taxi industry.

What is the total cost of retaining Dr. Hara?

- The total cost of the contract is valued at \$165,000.
- Dr. Hara's contract was extended until December 31, 2018 by up to \$26,000.

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Community Benefits Agreements

On July 16, 2018, Premier John Horgan and Minister Claire Trevena announced a new, landmark framework for major infrastructure projects in B.C. to deliver good paying jobs, better training and apprenticeships, and more trades opportunities for Indigenous people, women and youth around the province.

Key Messages:

- **When we build a project like the Pattullo Bridge or four-lane sections of the Trans-Canada Highway we want the people of B.C. –and those who live near these projects - to be the first to benefit.**
- **Community Benefit Agreements provide good-paying jobs, better training and apprenticeships, and better opportunities for Indigenous people, women and youth so local people stand to gain the most from public infrastructure spending.**
- **Workers on these projects will have the assurance of knowing where their next paycheque is coming from.**
- **They will have a secure, better paying job and more money in their pockets.**
- **It also helps employers who say they can't find enough workers with a looming skills shortage. 75% of companies surveyed last fall said there are not enough qualified trade workers like pipefitters, plumbers or electricians.**
- **With 60,000 job openings over the next ten years – almost all retiring workers – government is poised to train the next generation through a Community Benefits approach.**
- **This agreement also protects against expensive overruns that we've seen in the past under the previous government's lowest-bid model, leaving taxpayers on the hook.**
- **We're not just investing in roads, bridges and other infrastructure, we're investing in good jobs and new opportunities for people - building up B.C. with the next generation of construction workers.**

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Community Benefits Agreements – Petition filed

A petition was filed on Monday, August 27th in the B.C. Supreme Court by a group of petitioners including the Independent Contractors and Businesses Association, various construction associations, non-Building Trades Unions and non-Building Trades contractors.

The petition challenges:

- The scope of the Minister's authority under S.3 of the Transportation Act, (which includes the power to enter into contracts). The petitioners assert that the Building Trades only requirement is irrelevant to the statutory purpose and therefore outside the Minister's authority.
- The Building Trades Only Requirement violates Charter protection for free expression, for free association, and against discrimination in public employment. The petitioners assert any infringements of the Charter are not justified as reasonable limits under S.1 of the Charter.

Key Messages:

- **Government stands behind the principles of the Community Benefits Agreement (CBA) to deliver good paying jobs, enhanced training, more apprenticeships and more opportunities for Indigenous people, women and youth around the province.**
- **I am aware of the petition filed seeking to stop the use of the full CBA on the new Pattullo Bridge, and its application to other projects.**
- **In anticipation of receiving the filed court documents, a litigation team is being established and preparation for a response is underway.**
- **We will defend the CBA and the right of all workers to benefit from the fair wages and working conditions this agreement sets out.**
- **In the meantime we will continue with the procurement for the new Pattullo Bridge, including the application of the CBA.**

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Greyhound stopping operations in Western Canada

On July 9, 2018, Greyhound Canada announced that it is ending its passenger bus and freight services in Western Canada. This will stop service in Alberta, Saskatchewan and Manitoba, and all but one route in B.C. - a U.S.-run service between Vancouver and Seattle. The changes take place on October 31. This will mean Ontario and Quebec will be the only regions where Greyhound will still run its services. In a statement, Greyhound Canada senior vice-president Stuart Kendrick said: "This decision is regretful and we sympathize with the fact that many small towns are going to lose service." The company says they have experienced a 41 per cent decline in ridership since 2010, and persistent competition from subsidized national and inter-regional passenger transportation services.

Key Messages:

- **The news of Greyhound's full withdrawal from B.C. has understandably resulted in people feeling worried and uncertain about what that means for their everyday lives, and how they will continue getting around safely and affordably.**
- **I share their concern and want people to know that our government hears them and they will not be left stranded without access to transportation.**
- **We are focusing our efforts on finding solutions, and we are working tirelessly to do so. What those solutions will be is not yet known, but I assure you that we will get there.**
- **We are encouraged by the Prime Minister's commitment to work with the affected provinces, indicating that he understands the importance of transportation to a country as diverse and vast as Canada. Along with other provinces, B.C. will urge the federal government to work with Greyhound to extend the notice period, to make sure people have safe and reliable transportation options.**
- **The Province will continue working with our federal and local partners to find a solution that works for people, and that ensures people in B.C. have access to safe, affordable and reliable ground transportation.**

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George Massey Tunnel Replacement Project – Review

An independent technical review of the George Massey crossing, led by professional engineer Stan Cowdell, is now with the Ministry of Transportation and Infrastructure. The Minister and ministry staff will take the summer to analyze this report and consider next steps.

Key Messages:

- **We've heard the concerns raised by Metro Vancouver and many residents about the idea of building a 10-lane bridge to replace the George Massey Tunnel, and the costs associated with such a large project.**
- **Before any more work is done, it's important to explore the options available for this corridor.**
- **As you know, Stan Cowdell, a professional engineer with expertise in major infrastructure projects, led an independent technical review of the options available for the corridor. Mr. Cowdell submitted his report in late June.**
- **The ministry is thoroughly reviewing the report to consider its findings and possible next steps.**
- **I will also discuss the findings with Metro Vancouver and the region's mayors to ensure that any future direction on the tunnel crossing is supported by the people in the region.**

Robb, Katie GCPE:EX

From: Turner, Jordan GCPE:EX
Sent: Tuesday, October 9, 2018 6:28 PM
To: Lawson, Liam PSSG:EX
Cc: Robb, Katie GCPE:EX; Haslam, David GCPE:EX; Robins, Shawn GCPE:EX; Bates, Stan EMBC:EX; Denlinger, Becky EMBC:EX; Zdravec, Don GCPE:EX; Kristianson, Eric PREM:EX; Brown, Tom G EMBC:EX; MacRae, Heather EMBC:EX; Fiala, Tony EMBC:EX; Williams, Susan GCPE:EX
Subject: Re: Draft MMF Tour Itinerary

Hi Liam,

There is room for MLA Davies on the flight. Will you or MMF send out the invite?

At this point the flight will be the Minister, RD Chair, MLA Davies and the PRRD CAO.

Jordan Turner

Communications Manager | EMBC
Government Communications and Public Engagement
Phone: [\(250\) 952-5062](tel:250-952-5062) **Cell:** [\(250\) 896-1928](tel:250-896-1928)

On Oct 9, 2018, at 5:45 PM, Turner, Jordan GCPE:EX <Jordan.Turner@gov.bc.ca> wrote:

I've sent a message to PRRD and will let you know. It sounded like there may be one more spot available when we initially talked about it.

JT

On Oct 9, 2018, at 5:34 PM, Lawson, Liam PSSG:EX <Liam.Lawson@gov.bc.ca> wrote:

Hey, MMF wanted to know if we could find an extra spot for MLA Davies on the heli tour?
Could you let us know if one is available tomorrow?

L

Sent from my iPhone

On Oct 9, 2018, at 4:46 PM, Turner, Jordan GCPE:EX <Jordan.Turner@gov.bc.ca> wrote:

Hi all,
Draft itinerary for tomorrow is attached. Everything is confirmed, but can be adjusted if needed.
Thanks,

Jordan Turner

Communications Manager | EMBC
Government Communications and Public Engagement
Phone: [\(250\) 952-5062](tel:250-952-5062) **Cell:** [\(250\) 896-1928](tel:250-896-1928)

Robb, Katie GCPE:EX

From: Turner, Jordan GCPE:EX
Sent: Tuesday, October 9, 2018 6:11 PM
To: Pooley, Adrian EMPR:EX
Cc: Robb, Katie GCPE:EX; Haslam, David GCPE:EX; Robins, Shawn GCPE:EX; Lawson, Liam PSSG:EX; Amann-Blake, Nathaniel EMPR:EX; Chace, Julie EMPR:EX; Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX
Subject: Re: MMF Visit to Ft. St. John tomorrow

Hi Adrian,

EOC is at 1981 Alaska Ave in Dawson Creek.

JT

On Oct 9, 2018, at 6:06 PM, Pooley, Adrian EMPR:EX <Adrian.Pooley@gov.bc.ca> wrote:

Hi,

Can someone please let me know the address of the EOC? Thanks,

Adrian Pooley, P. Eng.

Inspector of Mines – Health & Safety

BC Ministry of Energy, Mines & Petroleum Resources

Phone: [250-565-6046](tel:250-565-6046)

Cell: [250-640-6190](tel:250-640-6190)

email: adrian.pooley@gov.bc.ca

On Oct 9, 2018, at 4:16 PM, Robb, Katie GCPE:EX <Katie.Robb@gov.bc.ca> wrote:

Awesome thank you.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure

Government Communications & Public Engagement

M: [250.920.8371](tel:250.920.8371)

On Oct 9, 2018, at 4:13 PM, Haslam, David GCPE:EX <David.Haslam@gov.bc.ca> wrote:

Confirmed EMPR staffer Adrian Pooley will be at the EOC to brief MMF. He's cc'd.
Adrian – note time is 1130-1215 tomorrow.

From: Turner, Jordan GCPE:EX

Sent: Tuesday, October 9, 2018 4:08 PM

To: Robb, Katie GCPE:EX; Robins, Shawn GCPE:EX

Cc: Lawson, Liam PSSG:EX; Haslam, David GCPE:EX

Subject: RE: MMF Visit to Ft. St. John tomorrow

I'm just putting together the itinerary as I go, but right now I have MOTI and EMPR Briefing booked from 11:30-12:15

From: Robb, Katie GCPE:EX

Sent: October 9, 2018 4:06 PM

To: Robins, Shawn GCPE:EX <Shawn.1.Robins@gov.bc.ca>

Cc: Turner, Jordan GCPE:EX <Jordan.Turner@gov.bc.ca>; Lawson, Liam PSSG:EX <Liam.Lawson@gov.bc.ca>; Haslam, David GCPE:EX <David.Haslam@gov.bc.ca>

Subject: Re: MMF Visit to Ft. St. John tomorrow

Hi folks - Scott has a five hour drive to get to fort St. John for the briefing...any update on what time the Minister would (roughly) like to be briefed ? Would be great to let Scott know so he can plan travel tonight.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure

Government Communications & Public Engagement

M: [250.920.8371](tel:250.920.8371)

On Oct 9, 2018, at 2:30 PM, Robins, Shawn GCPE:EX <Shawn.1.Robins@gov.bc.ca> wrote:

Jordan: As the itinerary is firmed up with EMBC Operations staff can you please copy David Haslam at EMPR and Katie Robb at MOTI.

Thanks. I will also advise the CAO at PRRD.

Shawn Robins

Director Communications

EMBC

Cell: 250 213-2658

Robb, Katie GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Tuesday, October 9, 2018 5:46 PM
To: Bowness, Lisanne GCPE:EX; Phelps, Brendan GCPE:EX
Subject: Fwd: Update: Old Fort Slide, October 9, 17:30

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
M: [250.920.8371](tel:250.920.8371)

Begin forwarded message:

From: "Richter, Kevin J TRAN:EX" <Kevin.Richter@gov.bc.ca>
Date: October 9, 2018 at 5:44:04 PM PDT
To: "Trevena, Claire TRAN:EX" <Claire.Trevena@gov.bc.ca>
Cc: "Papadopoulos, James TRAN:EX" <James.Papadopoulos@gov.bc.ca>, "Beale, William TRAN:EX" <William.Beale@gov.bc.ca>, "Main, Grant TRAN:EX" <Grant.Main@gov.bc.ca>, "Robb, Katie GCPE:EX" <Katie.Robb@gov.bc.ca>, "Maxwell, Scott D TRAN:EX" <Scott.Maxwell@gov.bc.ca>, "Ostropolski, Melissa TRAN:EX" <Melissa.Ostropolski@gov.bc.ca>
Subject: Update: Old Fort Slide, October 9, 17:30

At 12 noon on Sunday, October 7th, the Peace River Regional District (PRRD) issued an evacuation order. This order was issued due to an imminent risk of landslide identified by a geotechnical consultant retained by the PRRD.

The imminent risk landslide is NOT the landslide which is affecting the road.

The consultant's assessment was based on aerial observations by helicopter.

We have been working collaboratively with the PRRD sharing information and our technical staff have been in regular contact.

On Monday, October 8th at 11am, the PRRD hosted a community meeting where approximately 150 people attended.

MoTI had three staff and two maintenance contractor managers in attendance and a technical expert available by phone.

EMBC had one Senior Manager in attendance and MEMPR had one Mines Inspector by phone.

MoTI was generally positively received with the main question being about when road access will be re-established which we did not provide a time because work is ongoing.

The more contentious topics were reasons for the failure, access to the area for pets, medications, valuables, etc., the need for the evacuation order itself and security of their homes during the evacuation order.

For the landslide affecting the road, the daily rate has decelerated from 60m early last week to approximately 5m per day yesterday.

We have been flying the site daily with LiDAR to get more detailed estimates of movement now that the slide is slowing.

We are plotting the rates of movement with the use of LiDAR and other more traditional surveying techniques to help understand past movements to best forecast when we think we will be able to safely access the site.

The instability is in three main sections; the original slide, the west slide and the east deformation.

The original slide is approximately 5M m³, the west slide is approximately 1M m³, and the east deformation has yet to fail (see attached map).

The east deformation area is the reason for the evacuation order.

If main landslide movement decreases sufficiently, crews and equipment which are on standby, will immediately take action to create a road over the landslide.

Concurrently, we are exploring alternate routes to access the community, see attached map.

Four options have been identified with the most promising option being the route along the river (purple).

Two of the other routes (orange and red) have been ruled out due to ongoing and expanded slope movement.

The last route (green) is currently viable, but has significant challenges due to grade and slope stability.

Options are be fully flushed out and a preferred option will be decided on Monday, next week.

Scott will be meeting with Minister Farnworth tomorrow in the Peace.

MAPS will be coming tomorrow morning.

Robb, Katie GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Tuesday, October 9, 2018 3:35 PM
To: Pope, Danielle GCPE:EX
Cc: Bowness, Lianne GCPE:EX
Subject: Re: DIR - Oct. 10, 2018

Thank you!

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
M: [250.920.8371](tel:250.920.8371)

On Oct 9, 2018, at 3:34 PM, Pope, Danielle GCPE:EX <Danielle.Pope@gov.bc.ca> wrote:

Hi Lianne and Katie,
Here is the updated DIR for Oct. 10. This has an updated proactive, as well as updates on Old Fort Road, and Shipbuilding.

Thanks,
Danielle

Danielle Pope | Media Relations
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Telephone: 250-356-8241 | Mobile: 778-679-0133
Danielle.Pope@gov.bc.ca

Robb, Katie GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Tuesday, October 9, 2018 10:11 AM
To: Chace, Julie EMPR:EX
Subject: Accepted: Touch base - Old Fort

Robb, Katie GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Tuesday, October 9, 2018 10:04 AM
To: Karemaker, Kent GCPE:EX
Cc: Smith, Paula GCPE:EX; Chace, Julie EMPR:EX; Amann-Blake, Nathaniel EMPR:EX; Warnock, George TRAN:EX
Subject: RE: Meeting on Old Fort landslide

yes

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Karemaker, Kent GCPE:EX
Sent: Tuesday, October 9, 2018 10:04 AM
To: Robb, Katie GCPE:EX
Cc: Smith, Paula GCPE:EX; Chace, Julie EMPR:EX; Amann-Blake, Nathaniel EMPR:EX; Warnock, George TRAN:EX
Subject: RE: Meeting on Old Fort landslide

Yes. Would 10:30 work?

From: Robb, Katie GCPE:EX
Sent: Tuesday, October 9, 2018 10:03 AM
To: Karemaker, Kent GCPE:EX
Cc: Smith, Paula GCPE:EX; Chace, Julie EMPR:EX; Amann-Blake, Nathaniel EMPR:EX; Warnock, George TRAN:EX
Subject: RE: Meeting on Old Fort landslide

Hi Kent,

Sure thing, I'm free for the next hour if that works?

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Karemaker, Kent GCPE:EX
Sent: Tuesday, October 9, 2018 10:00 AM
To: Robb, Katie GCPE:EX
Cc: Smith, Paula GCPE:EX; Chace, Julie EMPR:EX; Amann-Blake, Nathaniel EMPR:EX; Warnock, George TRAN:EX
Subject: Meeting on Old Fort landslide

Hello Katie,

We'd like to set up a call with you (and George) to discuss Old Fort going forward as soon as you get a moment.

What would work for you? Please feel free to email or call me to discuss.

Kent Karemaker | Media Relations
Government Communications and Public Engagement
Ministry of Energy, Mines and Petroleum Resources
Telephone: 250-886-5400
Kent.Karemaker@gov.bc.ca

Robb, Katie GCPE:EX

From: Maxwell, Scott D TRAN:EX
Sent: Tuesday, October 9, 2018 8:05 AM
To: Richter, Kevin J TRAN:EX; Long, Nini TRAN:EX
Cc: Warnock, George TRAN:EX; Davenport, Hali N TRAN:EX; Robb, Katie GCPE:EX; Phelps, Brendan GCPE:EX; Lolacher, Russel TRAN:EX; Furlong, Millie TRAN:EX; Bruce, Greg TRAN:EX; da Costa, Adriana TRAN:EX; Adams, Amelia TRAN:EX; Case, Brent A TRAN:EX
Subject: Update: Old Fort Slide

Good Morning Kevin,
Update on the Old Fort Slide:

- The Peace River Regional District (PRRD) has issued an evacuation order for the community itself due to deformation of the hillside above the community.
- The impacted areas have three main components; the main original slide (~5M m3), the west slide (~1M m3), and east area (deformation of the slope above Old Fort).
- The main slide and west slide are both still in motion; between 4-6 m per day.

- Our geotech team is working closely with and sharing information with the PRRD retained geotechnical professionals.
- The Ministry is developing alternate options for road access to the community.
- Our preferred alternate route from late last week is no longer viable due to continued movement of the terrain. We are investigating multiple other options concurrently.
- Our preferred long term option remains re-establishing the road near the existing road location.
- There was a community meeting held in Ft St John on Monday; attended by YRB and Ministry staff.
- I'll be on CBC Daybreak north this morning to update the situation.
- Below is a panoramic photo of the main slide from yesterday:



Scott Maxwell

Executive Director - Northern Region | Ministry of Transportation & Infrastructure

Phone (250) 565-6479 Email Scott.Maxwell@gov.bc.ca

Current Road Conditions [DriveBC.ca](#) Find Us Online [TranBC.ca](#)

Robb, Katie GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Friday, October 5, 2018 8:15 AM
To: Beale, William TRAN:EX; Papadopoulos, James TRAN:EX; Stone, Lynne TRAN:EX
Cc: Zaharia, Sarah GCPE:EX; Machell, Aileen GCPE:EX; Bowness, Lisanne GCPE:EX
Subject: Daily issues
Attachments: DIR MOTI October 5 2018.docx; ATT00001.htm

Good morning! Here is the updated issues report including BCF REFOI, Patterson pass, old fort road and the maple Ridge/goldstream encampments.

DAILY ISSUES REPORT – October 5, 2018

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Proactive

Friday, October 5

TRAN - NR - Sombrio Rest Area now complete & ready for people to visit - Sombrio Rest Area now complete - Advise travellers that the new rest area at the Sombrio lookout has been completed (Part of the suite of Highway 14 safety improvement projects)

BC FERRIES - NR - BC Ferries issued a Request for Expressions of Interest (RFEOI) for 5 vessels: The RFEOI is the first step in the procurement process. The five new major vessels will reflect capacity and levels of service consistent with the current Coastal and Spirit Class vessels in size, capabilities and passenger amenities. These vessels are anticipated to begin entering service in 2023 on BC Ferries' major routes between Metro Vancouver and Vancouver Island.

DAILY ISSUES REPORT – October 5, 2018

***UPDATED* Old Fort Landslide (near Fort St. John)**

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately 1 kilometre west of the Old Fort community, which is just south of Fort St John. A preliminary field and air assessment has been completed, and landslide specialists are on route. The slide continues to move and it could be several days before it stops. 24-hour traffic control and slide monitoring is in place.

Key Messages:

- **We understand that people who live in the Old Fort community are cut off, and we are working around the clock to find a solution – 24-hour traffic control and slide monitoring is in place.**
- **We want to assure the community that we are doing everything possible to open this road as soon as it's safe to do so.**
- **This is an urgent situation for a community that was also ravaged by wildfires this year.**
- **A preliminary field and air assessment has been completed, and landslide specialists have been inspecting the site.**
- **There is no immediate risk to the Old Fort community, however the slide continues to move and it could be several days before it stops.**
- **Old Fort Road has been damaged and the road to the community is closed until the site is safe for crews to start repairs.**
- **The ministry is working with the Peace River Regional District to find suitable access options for the residents in the meantime.**
- **We will continue to provide updates as more information becomes available.**

If asked, did Site C construction cause the landslide? What is the cause?

- BC Hydro has informed us that there is no evidence at this time to suggest that the slide is related to Site C or any of the work taking place on that project.
- The slide location is off the dam site, about one kilometre past the Gate B entrance to Site C.
- The cause of the slide has not yet been determined.

If asked, what is the timeline for fixing this site?

- At this time, we are unable to confirm a timeline. The slide activity is being monitored daily and the road will be re-established when it is safe to do so.

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If asked about the water supply and further details about the slide...

- Regarding the water supply, we understand that the Peace River Regional District is delivering water to residents – according to their website: “Drinking water is on its way to Old Fort. Residents can pick up water at Gord Pardy’s house after 1:30. The PRRD is continuing to work towards bringing a water source down to the community.”
- The estimated size is 5 million cubic metres and growing.
- The area west of the current slide affecting the road is an old landslide that has reactivated and is now moving.
- Visible cracks have been observed and at least one property has reported some driveway and wall cracking – that landowner is proceeding to evacuate. All other properties are unaffected at this time.

DAILY ISSUES REPORT – October 5, 2018

*** UPDATED * Tent Cities – Goldstream Park and Maple Ridge**

Goldstream Park: (KMs from MAH)

Key Messages:

- **Shelter has been offered to all homeless campers that were staying at Goldstream Provincial Park. It is our understanding that at least 10 people have been housed or sheltered since the camp first started at Regina Park. And there is still some shelter space available for those in need.**
- **The campers began to depart from Goldstream on Monday and the move continued on Tuesday, with everyone now moved out of the park.**
- **BC Housing has connected with multiple shelters throughout Victoria who are prepared to take in new clients, including: Rock Bay Landing, Sandy Merriman Shelter, Victoria Native Friendship Centre and Arbutus Shelter.**
- **BC Housing and outreach staff are continuing to work with campers to match them with the right housing for their individual needs. Ultimately, our goal is to ensure the safety of everyone involved.**

Maple Ridge:

*Note MAH and the City of Maple Ridge are the lead on this file

Currently, there are approximately 70 campers in the Anita Place camp located between the Haney Bypass and St. Anne Avenue in Maple Ridge. This camp has existed since May 2017. The Ministry of Transportation and Infrastructure (MOTI) owns 2 parcels of the land (comprising approximately half of the encampment site) and licenses them to the municipality to use as a park. Maple Ridge owns the third parcel.

MAH is currently installing temporary housing in Maple Ridge to accommodate about half of the campers and an opening ceremony will be held October 12. They are working with the remaining campers to find alternate solutions.

On September 24, 2018, the Fire Commissioner served an order under the Fire Services Act. Maple Ridge parks staff are attempting to clean the site to comply with the order. The Fire Chief has also now issued inspection orders and more work will be undertaken by the City on October 4, 2018.

MOTI staff have been on site to observe and to provide support to Maple Ridge in the clean-up efforts. Under the terms of the License with Maple Ridge, the municipality is compelled to enforce all by-laws, keep the lands clean and sanitary, and enforce any orders. Last week MOTI installed “No Trespassing” signs on all BCTFA properties in

DAILY ISSUES REPORT – October 5, 2018

the surrounding area and cleaned potentially hazardous refuse from the highway lands adjacent to the encampment. (With sensitivity towards the campers, signs were not installed directly within the Anita Place camp. MOTI and Maple Ridge are also holding off issuing any notices until temporary housing is available for the campers.)

The campers have launched appeals against both the Province and the City.

Key Messages:

- **People's health and safety is our first priority.**
- **Ministries of Transportation and Housing staff are working closely with Maple Ridge to address concerns about the safety of those in the camp, its neighbours, and people traveling on provincial highway right of way.**
- **For too long, the challenges for people who are homeless in Maple Ridge have not been addressed.**
- **Our government is taking a new approach.**
- **We are working to provide a full spectrum of housing options and supports to help people in Maple Ridge who are struggling with homelessness and those living in unsafe conditions.**
- **We need to get people living without shelter and supports at the Anita Place camp and elsewhere in Maple Ridge into secure housing where they can begin the transition to more permanent housing, which in turn helps the broader community.**
- **We have seen numerous supportive housing projects open successfully across the province, bringing benefits to both the community and the residents and we hope to see that success continue in Maple Ridge.**

If asked about the land where campers are set up:

- The camp is on land owned by the City of Maple Ridge and the Province.
- The Ministry of Transportation and Infrastructure owns 2 of the 3 parcels, which are licensed to the municipality for use as a park.

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***NEW* BC Ferries RFEOI 5 C-Class Ships**

On Thursday, October 4, BC Ferries released an RFEOI for the procurement of five new C-Class vessels.

Key Messages:

- I am aware that today, B.C. Ferries released an Expressions of Interest to procure five new C-Class vessels to serve the Lower Mainland – Vancouver Island routes.
- Procuring these new ferries is a major opportunity to give our local shipbuilding industry a boost and I am hopeful that the procurement evaluation, with due fairness, will take B.C.'s strong and dynamic sector into consideration.
- I would like to see more ferries built locally. We know there are benefits to building ships in B.C. like skilled, good-paying jobs and I would argue that these benefits far outweigh any cost savings gained by building the ships offshore.
- Although our local shipyards do much of the repair and refit work on existing vessels, I would like to see how we can support B.C. shipyards so they can bid on and compete with international companies on new shipbuilding contracts.
- We have conducted a review of the coastal ferry service and one of the areas that Mr. Redlin looked at is BC Ferries' procurement practices.
- I look forward to sharing the results of the review and our next steps to support our local shipbuilding industry later this fall.

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BC Ferries – Northern Sea Wolf

BC Ferries will be releasing an internal update as well as a Service Notice in the coming days letting people know that MV Nimpkish will serve the Mid-Coast Connector (Bella Bella – Bella Coola) route from October 12, 2018 through spring 2019 on the existing schedule. This is a change from their previous plan to deploy the Northern Sea Wolf in the region during that time.

Key Messages:

- I was disappointed to hear that the Northern Sea Wolf won't be in place until next spring.
- The previous administration, which cancelled the Discovery Coast Passage route in 2014, asked BC Ferries to acquire a used vessel so that they could begin providing direct sailings between Port Hardy and Bella Coola in the summer, beginning in mid-June of this year.
- Unfortunately, the vessel upgrades took longer than expected.
- Due to the delay, BC Ferries is using the Northern Adventure to provide the direct sailings between Port Hardy and Bella Coola until October 11th this year.
- After October 11th, BC Ferries will be offering free sailings on the Nimpkish for travel between Bella Bella and Bella Coola until next spring.
- BC Ferries has announced that it will extend the 2019 peak season. The Northern Sea Wolf will run between Port Hardy and Bella Coola from June 3 to October 10, 2019.

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Malahat – General

Key Messages:

- I understand that people on southern Vancouver Island are tired of talking about solutions for the Malahat. Vancouver Islanders want to see action. And they want to see it now.
- That's why we are investing in the next phase of safety improvements that will also improve the reliability of this narrow corridor.
- Goldstream park is a beautiful natural setting that is vital for salmon spawning - but it presents challenges when it comes to highway infrastructure. We are literally working between a rock and a hard place. There is a mountain on one side and an important salmon spawning ground on the other.
- By starting the design work to build a median barrier through this park – we are saving lives by preventing dangerous head-on collisions. We are also improving the reliability of this highway by taking bold steps to eliminate the types of accidents that lead to lengthy closures and potential environmental concerns from fuel spills.
- But unfortunately, accidents do happen. Sometimes crashes occur due to driver error or sometimes because of unforeseen acts of nature. That's why we are urgently exploring all options for creating a temporary second route when emergencies do occur.
- I've asked my staff to explore the feasibility of a temporary emergency detour to see if we can find a balance between environmental concerns and the need to keep people moving.

DAILY ISSUES REPORT – October 5, 2018

***UPDATED* Patterson Pass (Malahat)**

A resident near the newly completed construction zone on the Malahat has written to the ministry asking for the government to consider naming this section of the Malahat “Patterson Pass” in tribute to late fire chief Rob Patterson, for his advocacy in safety improvements on the Malahat.

Some local media are referring to this as a movement – the ministry can confirm it has received one request from a single individual suggesting renaming a stretch of Highway 1 to “Patterson pass.”

Key Messages:

- **Chief Patterson dedicated his professional career to selflessly helping others around Highway 1 and the Malahat village.**
- **He was an important and crucial voice for advocating for safety on the Malahat through installing median barriers and increased enforcement.**
- **His legacy is evident through the continued safety improvements along this corridor.**
- **The ministry can confirm it has received one request from a single individual suggesting renaming a stretch of Highway 1 to “Patterson Pass.”**
- **The minister is currently directing staff to look into ways to honour Chief Patterson and the important role he played in making this highway safer.**
- **The ministry expects to share more information on this in the coming months.**

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Ridesharing Update - General

On July 19, 2018, Minister Trevena made an announcement regarding government's next steps on bringing ridesharing into B.C. and Dr. Dan Hara presented his review with a technical briefing for media. They followed up with a media QA on the subject and follow up media interviews. The NR announced that the B.C. government is increasing the number of taxis on the streets, while easing the way for other rideshare services to offer services to British Columbians by fall 2019. These first steps in the action plan are intended to improve marketplace conditions for innovative transportation companies.

Key Messages:

- **We recognize the frustrations that people have - particularly in Metro Vancouver. People want more options for getting around efficiently.**
- **That's why we are taking the first steps in our action plan to bring ridesharing to B.C.**
- **We acknowledge that it's taking longer than anticipated to create the regulatory structure and insurance that will allow ridesharing companies (such as Uber and Lyft) to enter the B.C. market.**
- **We share people's frustrations, but we have a responsibility to get things done right.**
- **Passenger safety is number one. We need to ensure that passengers are transported in safe vehicles with safe drivers who have completed a background check.**
- **We also have to make sure that the proper insurance is in place, so if there is a crash, the coverage is there.**
- **We are tabling ridesharing legislation this fall. This will include the changes needed to create ICBC insurance products, tailored for ridesharing companies.**
- **Also, we are putting 500 more taxis on the streets (300 in Metro Vancouver and 200 to the rest of the province).**
- **Our approach will modernize the taxi industry and help meet current demand, while opening the door to other vehicles for hire - so people can move around how they want, when they want, safely.**
- **We expect ridesharing companies to be ready to offer services in B.C. by September 2019. We recognize this is taking longer than anticipated, but again, we have a responsibility to get things done right.**

DAILY ISSUES REPORT – October 5, 2018

Ridesharing – Passenger Transportation Board approval

On September 11th Passenger Transportation Board Chair Catharine Read provided a presentation to UBCM in which taxi modernization was discussed, including that the Board was moving forward with the 3 key Hara initiatives – most importantly, the recommendation to increase the supply of taxis on the road by 15%.

Applications have been open since September 17th.

Key Messages:

- I'd like to thank the Board for working with Dr. Hara over the past two months to implement a series of recommended and immediate short-term actions that will help people get around the city more efficiently and better meet consumer demand.
- This is the first phase in our ride sharing action plan in delivering more convenience and flexibility so people can move around how they want, when they want, safely.
- Existing licensees will be able to apply to the Board to increase the number of vehicles in their fleet by up to 15 percent to mitigate the shortage of cabs in Metro Vancouver and provide some relief for passengers until we get a system in place to allow for ridesharing.
- This means 300 more taxis in the Lower Mainland to keep people moving, and approximately 200 more cabs throughout the rest of the province.
- We recognize the frustrations that people have - particularly in Metro Vancouver. These first steps will provide immediate relief for passengers while we continue to work toward tabling legislation this fall.

What do you think of the Board's process for implementing government's recommendations?

- The Passenger Transportation Board is an independent tribunal and is responsible for approving requests for additional taxi licenses and vehicles before they can operate.
- This approval process involves a thorough review with the taxi industry and stakeholders – Dr. Dan Hara has been involved in this process.
- We respect the independent nature of the tribunal and appreciate their support of the Hara report and these first steps in the modernization of the taxi industry.

What is the total cost of retaining Dr. Hara?

- The total cost of the contract is valued at \$165,000.
- Dr. Hara's contract was extended until December 31, 2018 by up to \$26,000.

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Community Benefits Agreements

On July 16, 2018, Premier John Horgan and Minister Claire Trevena announced a new, landmark framework for major infrastructure projects in B.C. to deliver good paying jobs, better training and apprenticeships, and more trades opportunities for Indigenous people, women and youth around the province.

Key Messages:

- **When we build a project like the Pattullo Bridge or four-lane sections of the Trans-Canada Highway we want the people of B.C. –and those who live near these projects - to be the first to benefit.**
- **Community Benefit Agreements provide good-paying jobs, better training and apprenticeships, and better opportunities for Indigenous people, women and youth so local people stand to gain the most from public infrastructure spending.**
- **Workers on these projects will have the assurance of knowing where their next paycheque is coming from.**
- **They will have a secure, better paying job and more money in their pockets.**
- **It also helps employers who say they can't find enough workers with a looming skills shortage. 75% of companies surveyed last fall said there are not enough qualified trade workers like pipefitters, plumbers or electricians.**
- **With 60,000 job openings over the next ten years – almost all retiring workers – government is poised to train the next generation through a Community Benefits approach.**
- **This agreement also protects against expensive overruns that we've seen in the past under the previous government's lowest-bid model, leaving taxpayers on the hook.**
- **We're not just investing in roads, bridges and other infrastructure, we're investing in good jobs and new opportunities for people - building up B.C. with the next generation of construction workers.**

DAILY ISSUES REPORT – October 5, 2018

Community Benefits Agreements – Petition filed

A petition was filed on Monday, August 27th in the B.C. Supreme Court by a group of petitioners including the Independent Contractors and Businesses Association, various construction associations, non-Building Trades Unions and non-Building Trades contractors.

The petition challenges:

- The scope of the Minister's authority under S.3 of the Transportation Act, (which includes the power to enter into contracts). The petitioners assert that the Building Trades only requirement is irrelevant to the statutory purpose and therefore outside the Minister's authority.
- The Building Trades Only Requirement violates Charter protection for free expression, for free association, and against discrimination in public employment. The petitioners assert any infringements of the Charter are not justified as reasonable limits under S.1 of the Charter.

Key Messages:

- **Government stands behind the principles of the Community Benefits Agreement (CBA) to deliver good paying jobs, enhanced training, more apprenticeships and more opportunities for Indigenous people, women and youth around the province.**
- **I am aware of the petition filed seeking to stop the use of the full CBA on the new Pattullo Bridge, and its application to other projects.**
- **In anticipation of receiving the filed court documents, a litigation team is being established and preparation for a response is underway.**
- **We will defend the CBA and the right of all workers to benefit from the fair wages and working conditions this agreement sets out.**
- **In the meantime we will continue with the procurement for the new Pattullo Bridge, including the application of the CBA.**

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Greyhound stopping operations in Western Canada

On July 9, 2018, Greyhound Canada announced that it is ending its passenger bus and freight services in Western Canada. This will stop service in Alberta, Saskatchewan and Manitoba, and all but one route in B.C. - a U.S.-run service between Vancouver and Seattle. The changes take place on October 31. This will mean Ontario and Quebec will be the only regions where Greyhound will still run its services. In a statement, Greyhound Canada senior vice-president Stuart Kendrick said: "This decision is regretful and we sympathize with the fact that many small towns are going to lose service." The company says they have experienced a 41 per cent decline in ridership since 2010, and persistent competition from subsidized national and inter-regional passenger transportation services.

Key Messages:

- **The news of Greyhound's full withdrawal from B.C. has understandably resulted in people feeling worried and uncertain about what that means for their everyday lives, and how they will continue getting around safely and affordably.**
- **I share their concern and want people to know that our government hears them and they will not be left stranded without access to transportation.**
- **We are focusing our efforts on finding solutions, and we are working tirelessly to do so. What those solutions will be is not yet known, but I assure you that we will get there.**
- **We are encouraged by the Prime Minister's commitment to work with the affected provinces, indicating that he understands the importance of transportation to a country as diverse and vast as Canada. Along with other provinces, B.C. will urge the federal government to work with Greyhound to extend the notice period, to make sure people have safe and reliable transportation options.**
- **The Province will continue working with our federal and local partners to find a solution that works for people, and that ensures people in B.C. have access to safe, affordable and reliable ground transportation.**

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George Massey Tunnel Replacement Project – Review

An independent technical review of the George Massey crossing, led by professional engineer Stan Cowdell, is now with the Ministry of Transportation and Infrastructure. The Minister and ministry staff will take the summer to analyze this report and consider next steps.

Key Messages:

- **We've heard the concerns raised by Metro Vancouver and many residents about the idea of building a 10-lane bridge to replace the George Massey Tunnel, and the costs associated with such a large project.**
- **Before any more work is done, it's important to explore the options available for this corridor.**
- **As you know, Stan Cowdell, a professional engineer with expertise in major infrastructure projects, led an independent technical review of the options available for the corridor. Mr. Cowdell submitted his report in late June.**
- **The ministry is thoroughly reviewing the report to consider its findings and possible next steps.**
- **I will also discuss the findings with Metro Vancouver and the region's mayors to ensure that any future direction on the tunnel crossing is supported by the people in the region.**

Robb, Katie GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Thursday, October 4, 2018 3:59 PM
To: Pope, Danielle GCPE:EX
Cc: Bowness, Lianne GCPE:EX
Subject: Re: DIR Oct. 5

Thank you - is the BCF section the same as what I updated this morning?

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
M: [250.920.8371](tel:250.920.8371)

On Oct 4, 2018, at 3:58 PM, Pope, Danielle GCPE:EX <Danielle.Pope@gov.bc.ca> wrote:

Hi Katie and Lianne,

Here is the DIR with the following new sections for Oct. 5:

- Revised proactive
- Updated section on Old Fort Landslide
- Updated section on Tent Cities in Goldstream and Maple Ridge
- Updated section on Patterson Pass
- New section on BC Ferries RFE01 5 C-Class Ships

Thanks,
Danielle

Danielle Pope | Media Relations
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Telephone: 250-356-8241 | Mobile: 778-679-0133
Danielle.Pope@gov.bc.ca

Robb, Katie GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Thursday, October 4, 2018 2:51 PM
To: Pope, Danielle GCPE:EX; Bowness, Lianne GCPE:EX; Phelps, Brendan GCPE:EX
Subject: RE: Old Fort Road update

Awesome, thank you.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
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O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Pope, Danielle GCPE:EX
Sent: Thursday, October 4, 2018 2:51 PM
To: Robb, Katie GCPE:EX; Bowness, Lianne GCPE:EX; Phelps, Brendan GCPE:EX
Subject: FW: Old Fort Road update

The latest update was sent to the following 8 reporters, as well as 'perrin.grauer@torstargroup.ca':

Chris Newton ;
Matt Prepost: <editor@ahnfsj.ca>;
Tanya Beja ;
Mike Macdonald ;
Andrew Kurjata ;
audrey.mckinnon@cbc.ca;
max.haberstroh@cbc.ca;
Kristen.Robinson@globalnews.ca

Danielle Pope | Media Relations
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Danielle.Pope@gov.bc.ca

From: Pope, Danielle GCPE:EX
Sent: Thursday, October 4, 2018 2:49 PM
To: Pope, Danielle GCPE:EX
Subject: Old Fort Road update

Here is the latest update on Old Fort Road, attributable to the Ministry of Transportation and Infrastructure, as before.

At this time, we are unable to confirm a timeline. The slide activity is being monitored daily and the road will be re-established when it is safe to do so.

Regarding the water supply, we understand that the Peace River Regional District is delivering water to residents – according to their website: *“Drinking water is on its way to Old Fort. Residents can pick up water at Gord Parady’s house after 1:30. The PRRD is continuing to work towards bringing a water source down to the community.”*
<https://prrd.bc.ca/drinking-water-on-its-way-to-old-fort/>

The estimated size is 5 million cubic metres and growing. The area west of the current slide affecting the road is an old landslide that has reactivated and is now moving. Visible cracks have been observed and at least one property has reported some driveway and wall cracking – that landowner is proceeding to evacuate. All other properties are unaffected at this time.

Thanks,
Danielle

Danielle Pope | Media Relations
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Telephone: 250-356-8241 | Mobile: 778-679-0133
Danielle.Pope@gov.bc.ca

Robb, Katie GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Thursday, October 4, 2018 1:56 PM
To: Phelps, Brendan GCPE:EX; Pope, Danielle GCPE:EX
Subject: RE: OFR

nope

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Phelps, Brendan GCPE:EX
Sent: Thursday, October 4, 2018 1:53 PM
To: Robb, Katie GCPE:EX; Pope, Danielle GCPE:EX
Subject: RE: OFR

Hey Katie,

Did Scott send you an update on the Old Fort Road landslide today?

Thanks,
Brendan

From: Robb, Katie GCPE:EX
Sent: Wednesday, October 3, 2018 12:43 PM
To: Pope, Danielle GCPE:EX; Phelps, Brendan GCPE:EX; Lowe, Sonia GCPE:EX
Subject: OFR

Had to run out to QP prep before I could download ! Spoke to Scott Maxwell before I left. Moti will continue to be the lead on old fort road response, and I've asked EMPR to provide some QA on the gravel pit so Scott can address.

I think given then number of media requests it's a good idea to provide a proactive update to media (like we've done before in SIR). To that end, Scott will provide us an update before noon every day we can share proactively. He'll then send an EOD update we can choose to share or not.

Sound ok?

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
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Robb, Katie GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Thursday, October 4, 2018 12:54 PM
To: Koyanagi, Victor EMPR:EX
Subject: RE: Old Fort Road Landslide and Deasan Holdings Aggregate Pit

All good!

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
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From: Koyanagi, Victor EMPR:EX
Sent: Thursday, October 4, 2018 10:53 AM
To: Robb, Katie GCPE:EX
Cc: Maxwell, Scott D TRAN:EX; Pooley, Adrian EMPR:EX; Chace, Julie EMPR:EX; Haslam, David GCPE:EX
Subject: RE: Old Fort Road Landslide and Deasan Holdings Aggregate Pit

Hello Katie,
Apologies will redirect.
Regards,

Victor M. Koyanagi, P.Ge.

Senior Inspector of Mines, Permitting / Health and Safety

North Central / Northeast Mining Region
Ministry of Energy, Mines and Petroleum Resources
350-1011 4th Avenue
Prince George, BC V2L 3H9
Tel: (250) 565-4323 (direct line)
Tel: (250) 565-4240 (main office line)
Cell: (250) 612-7232
Fax: (250) 565-4328

From: Robb, Katie GCPE:EX
Sent: Thursday, October 4, 2018 10:46 AM
To: Koyanagi, Victor EMPR:EX
Cc: Maxwell, Scott D TRAN:EX; Pooley, Adrian EMPR:EX; Chace, Julie EMPR:EX; Haslam, David GCPE:EX
Subject: RE: Old Fort Road Landslide and Deasan Holdings Aggregate Pit

Hi Victor,

Residents from Old Fort Road are calling my cell phone for updates on the landslide – may I ask that you please don't ask residents to call me directly. My shop through Government Communications provide updates to media to disseminate to the community, and don't typically deal with questions from the public (these are handled by program staff like Scott and yourself).

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Koyanagi, Victor EMPR:EX
Sent: Wednesday, October 3, 2018 4:09 PM
To: Robb, Katie GCPE:EX
Cc: Maxwell, Scott D TRAN:EX; Pooley, Adrian EMPR:EX; Chace, Julie EMPR:EX
Subject: Old Fort Road Landslide and Deasan Holdings Aggregate Pit

Hello Katie Robb,

I have been contacted by residents of Old Fort s.22 looking for information regarding the landslide and Mines Act permit information for the Deasan Holdings gravel pit. Following discussions with Scott Maxwell and George Warnock it was determined that one point of contact representing MoTi and MEMPR was pertinent. Can you please let me know who the contact would be for this landslide such that I can provide this information to s.22

Regards,

Victor M. Koyanagi, P.Geo.
Senior Inspector of Mines, Permitting / Health and Safety
North Central / Northeast Mining Region
Ministry of Energy, Mines and Petroleum Resources
350-1011 4th Avenue
Prince George, BC V2L 3H9
Tel: (250) 565-4323 (direct line)
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Cell: (250) 612-7232
Fax: (250) 565-4328

From: Maxwell, Scott D TRAN:EX
Sent: Wednesday, October 3, 2018 12:56 PM
To: Koyanagi, Victor EMPR:EX
Cc: Warnock, George TRAN:EX
Subject: Old Fort Road

Hi Victor,

I spoke with Katie Robb, MoTI's GCPE Communication Director. She suggested that MoTI remain the spokesperson on the file given we've assumed that role already.

She was going to touch base with her counterpart at EMPR GCPE to gauge their opinion, but I would be surprised if it changed.

I imagine you'll get this request via your GCPE team, but the main thing we'll need from you will be; what are our talking points should the gravel pit come up? A few high level bullets will probably suffice.. you know the questions that are getting asked....

Thanks,

Scott Maxwell

Executive Director – Northern Region | Ministry of Transportation & Infrastructure
Phone (250) 565-6479 Email Scott.Maxwell@gov.bc.ca
Current Road Conditions: DriveBC.ca Find Us Online: TranBC.ca

Robb, Katie GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Thursday, October 4, 2018 12:40 PM
To: Smith, Paula GCPE:EX
Cc: Lowe, Sonia GCPE:EX; Beaupre, Darren GCPE:EX; Phelps, Brendan GCPE:EX; Haslam, David GCPE:EX
Subject: RE: Old Fort Rd + Gravel Pit

Thank you!

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Smith, Paula GCPE:EX
Sent: Thursday, October 4, 2018 11:01 AM
To: Robb, Katie GCPE:EX
Cc: Lowe, Sonia GCPE:EX; Beaupre, Darren GCPE:EX; Phelps, Brendan GCPE:EX; Haslam, David GCPE:EX
Subject: RE: Old Fort Rd + Gravel Pit

Hi Katie,

I've sent it to program for some extra eyes on it, but I'll give you what I have so far and add to it if they have anything else.

Best

Paula Smith | Public Affairs Officer
Ministry of Energy, Mines and Petroleum Resources
Government Communications and Public Engagement
c. 250-880-6549 d. 778 974-4676

From: Robb, Katie GCPE:EX
Sent: Thursday, October 4, 2018 10:52 AM
To: Smith, Paula GCPE:EX; Haslam, David GCPE:EX
Cc: Lowe, Sonia GCPE:EX; Beaupre, Darren GCPE:EX; Phelps, Brendan GCPE:EX
Subject: RE: Old Fort Rd + Gravel Pit

Hi Paula – following up on this. Can we expect the QA to come soon? Thx

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Smith, Paula GCPE:EX
Sent: Wednesday, October 3, 2018 1:42 PM

To: Robb, Katie GCPE:EX; Haslam, David GCPE:EX
Cc: Lowe, Sonia GCPE:EX; Beaupre, Darren GCPE:EX; Phelps, Brendan GCPE:EX
Subject: RE: Old Fort Rd + Gravel Pit

Nice to meet you too Katie!

Brendan, pleasure to meet you as well - I'll be reaching out shortly with the Q&A and updated info.

Best

Paula Smith | Public Affairs Officer
Ministry of Energy, Mines and Petroleum Resources
Government Communications and Public Engagement
c. 250-880-6549 d. 778 974-4676

From: Robb, Katie GCPE:EX
Sent: Wednesday, October 3, 2018 1:25 PM
To: Haslam, David GCPE:EX
Cc: Lowe, Sonia GCPE:EX; Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Phelps, Brendan GCPE:EX
Subject: Re: Old Fort Rd + Gravel Pit

Great thanks. Nice to meet you Paula! Brendan Phelps from our team (copied) is who you should connect with.

Katie Robb
Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
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On Oct 3, 2018, at 1:19 PM, Haslam, David GCPE:EX <David.Haslam@gov.bc.ca> wrote:

Makes sense. Paula Smith is our PAO on the file. She'll work with you designated staff to get what you need. s.15

s.15 Working on getting more info.

From: Robb, Katie GCPE:EX
Sent: Wednesday, October 3, 2018 12:12 PM
To: Haslam, David GCPE:EX
Cc: Lowe, Sonia GCPE:EX
Subject: Old Fort Rd + Gravel Pit

Hi there,

Just off the phone with our Northern staff gaming out how best to coordinate spokespeople on site for Old Fort Rd. Scott Maxwell, our Regional Director up there, is happy to do it and I think it makes sense for MoTI to keep leading media response. Any objections? If no, would be helpful to have form you a few QA about the gravel pit (private) above Old Fort Rd to arm Scott with some info for future media requests.

Katie Robb
Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement

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Robb, Katie GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Thursday, October 4, 2018 10:49 AM
To: Phelps, Brendan GCPE:EX
Subject: RE: Old Fort

K thx, I've followed up.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
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O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Phelps, Brendan GCPE:EX
Sent: Thursday, October 4, 2018 10:47 AM
To: Robb, Katie GCPE:EX
Subject: RE: Old Fort

No, I haven't received it yet.

From: Robb, Katie GCPE:EX
Sent: Thursday, October 4, 2018 10:47 AM
To: Phelps, Brendan GCPE:EX
Subject: Old Fort

Has Paula given you the QA on the gravel pit in Old Fort yet?

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
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Robb, Katie GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Thursday, October 4, 2018 8:02 AM
To: Beale, William TRAN:EX; Bowness, Lianne GCPE:EX; Machell, Aileen GCPE:EX; Papadopoulos, James TRAN:EX; Stone, Lynne TRAN:EX; Trevena, Claire TRAN:EX; Zaharia, Sarah GCPE:EX
Subject: Daily Issues
Attachments: DIR MOTI October 4 2018.docx; IN BC Ferries Shipbuilding.docx; IN Community Benefits Policy - General.docx

Good morning – here are our daily issues, with updated INs for BC Ferries’ RFEOI expected this morning and CBA.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
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ADVICE TO MINISTER

<p style="text-align: center;">CONFIDENTIAL ISSUES NOTE</p> <p>Ministry: Transportation and Infrastructure Date: October 4, 2018 Minister Responsible: Claire Trevena</p>	<p style="text-align: center;">BC Ferries - Ship-building industry in B.C.</p>
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ADVICE AND RECOMMENDED RESPONSE:

s.13

BACKGROUND REGARDING THE ISSUE:

On October 4, 2018 BC Ferries issued a RFEOI (Request for Expressions of Interest) for the procurement of five new vessels to replace aging fleet assets. BC Ferries is currently evaluating the responses from local, national and international shipyards. BC Ferries plans to issue an RFP later in 2018 with the goal of awarding a contract by the end of the year.

On June 6, 2017, BC Ferries announced a contract to build two minor class vessels in the Netherlands. The British Columbia Ferry Commission approved BC Ferries request to build these new minor class vessels.

No Canadian shipyards submitted a bid to build these vessels. However, in June 2017 BC Ferries entered into a service agreement with Point Hope Shipyard (part of the Ralmax Group), under which Point Hope will get the priority for refit and repair work for BC Ferries' smaller vessels. Point Hope will also do warranty work on the two new minor class vessels.

Communications Contact: Sonia Lowe – TRAN GCPE
Program Area Contact: Kirk Handrahan – Exec. Director Marine
pet

Minister's Office	Program Area	Deputy	Communications
	LP/KH	DB	

ADVICE TO MINISTER

<p>CONFIDENTIAL ISSUES NOTE</p> <p>Ministry: Transportation and Infrastructure Date: October 3, 2018 Minister Responsible: Claire Trevena</p>	<p>Community Benefits Policy</p>
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ADVICE AND RECOMMENDED RESPONSE:

s.13

BACKGROUND REGARDING THE ISSUE:

The Premier announced a new framework for key public-sector infrastructure projects in B.C. on Monday, July 16, 2018. The first projects to be delivered under the new community benefits framework are the new Pattullo Bridge, and the upgrade projects on the Trans-Canada Highway between Kamloops and Alberta.

The labour agreement has been designed to allow for the maximize number of contractors to bid on major infrastructure projects, optimize access to all available skilled and experienced labour regardless of union or affiliation, and maximize opportunities to develop and grow the skilled labour workforce in B.C.

Community Benefit Agreements, also known as project labour agreements, have been used to ensure communities receive benefits from infrastructure projects. This can be in the form of apprenticeship, training and employment opportunities for Indigenous, and traditionally under-represented groups such as youth and women, supporting local residents and businesses, and the creation of good-paying jobs.

The CBA will be included as part of the procurement only for select projects as a mandatory requirement open to any contractor to bid on the opportunity.

Communications Contact: Sonia Lowe – TRAN GCPE

ADVICE TO MINISTER

Program Area Contact: Vicki Willow – Community Benefits Program - Project Executive Director

Minister's Office	Program Area	Deputy	Communications
	VW/MT		KR

DAILY ISSUES REPORT – October 4, 2018

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DAILY ISSUES REPORT – October 4, 2018

Proactive

Thursday, October 4

TRAN - IB - Mount Lehman Rd 4-laning project in Abbotsford - Construction under way - Notice that construction has started on the Mount Lehman Rd 4-laning project to widen a section from two lanes to four lanes with new sidewalks and bike lanes. \$27.5 million project, Federal/ Provincial/ Municipal partnership.

Friday, October 5

N/A

DAILY ISSUES REPORT – October 4, 2018

***UPDATED* Old Fort Landslide (near Fort St. John)**

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately 1 kilometre west of the Old Fort community, which is just south of Fort St John. A preliminary field and air assessment has been completed, and landslide specialists are on route. The slide continues to move and it could be several days before it stops. 24-hour traffic control and slide monitoring is in place.

Key Messages:

- **We understand that people who live in the Old Fort community are cut off, and we are working around the clock to find a solution – 24-hour traffic control and slide monitoring is in place.**
- **We want to assure the community that we are doing everything possible to open this road as soon as it's safe to do so.**
- **This is an urgent situation for a community that was also ravaged by wildfires this year.**
- **A preliminary field and air assessment has been completed, and landslide specialists have been inspecting the site.**
- **There is no immediate risk to the Old Fort community, however the slide continues to move and it could be several days before it stops.**
- **Old Fort Road has been damaged and the road to the community is closed until the site is safe for crews to start repairs.**
- **The ministry is working with the Peace River Regional District to find suitable access options for the residents in the meantime.**
- **We will continue to provide updates as more information becomes available.**

If asked, did Site C construction cause the landslide? What is the cause?

- BC Hydro has informed us that there is no evidence at this time to suggest that the slide is related to Site C or any of the work taking place on that project.
- The slide location is off the dam site, about one kilometre past the Gate B entrance to Site C.
- The cause of the slide has not yet been determined.

DAILY ISSUES REPORT – October 4, 2018

Tent Cities – Goldstream Park and Maple Ridge

Goldstream Park: (KMs from MAH)

Key Messages:

- Shelter has been offered to all homeless campers that were staying at Goldstream Provincial Park. It is our understanding that at least 10 people have been housed or sheltered since the camp first started at Regina Park. And there is still some shelter space available for those in need.
- The campers began to depart from Goldstream on Monday and the move continued on Tuesday, with everyone now moved out of the park.
- BC Housing has connected with multiple shelters throughout Victoria who are prepared to take in new clients, including: Rock Bay Landing, Sandy Merriman Shelter, Victoria Native Friendship Centre and Arbutus Shelter.
- BC Housing and outreach staff are continuing to work with campers to match them with the right housing for their individual needs. Ultimately, our goal is to ensure the safety of everyone involved.

Maple Ridge:

*Note MAH and the City of Maple Ridge are the lead on this file

Currently, there are approximately 70 campers in the Anita Place camp located between the Haney Bypass and St. Anne Avenue in Maple Ridge. This camp has existed since May 2017. The Ministry of Transportation and Infrastructure (MOTI) owns 2 parcels of the land (comprising approximately half of the encampment site) and licenses them to the municipality to use as a park. Maple Ridge owns the third parcel.

MAH is currently installing temporary housing in Maple Ridge to accommodate about half of the campers; this will be complete by end of October. They are working with the remaining campers to find alternate solutions.

On September 24, 2018, the Fire Commissioner served an order under the Fire Services Act. Maple Ridge parks staff are attempting to clean the site to comply with the order.

MOTI staff have been on site to observe and to provide support to Maple Ridge in the clean-up efforts. Under the terms of the License with Maple Ridge, the municipality is compelled to enforce all by-laws, keep the lands clean and sanitary, and enforce any

DAILY ISSUES REPORT – October 4, 2018

orders. Last week MOTI installed “No Trespassing” signs on all BCTFA properties in the surrounding area and cleaned potentially hazardous refuse from the highway lands adjacent to the encampment. (With sensitivity towards the campers, signs were not installed directly within the Anita Place camp. MOTI and Maple Ridge are also holding off issuing any notices until temporary housing is available for the campers.)

Key Messages:

- **People’s health and safety is our first priority.**
- **Ministries of Transportation and Housing staff are working closely with Maple Ridge to address concerns about the safety of those in the camp, its neighbours, and people traveling on provincial highway right of way.**
- **For too long, the challenges for people who are homeless in Maple Ridge have not been addressed.**
- **Our government is taking a new approach.**
- **We are working to provide a full spectrum of housing options and supports to help people in Maple Ridge who are struggling with homelessness and those living in unsafe conditions.**
- **We need to get people living without shelter and supports at the Anita Place camp and elsewhere in Maple Ridge into secure housing where they can begin the transition to more permanent housing, which in turn helps the broader community.**
- **We have seen numerous supportive housing projects open successfully across the province, bringing benefits to both the community and the residents and we hope to see that success continue in Maple Ridge.**

If asked about the land where campers are set up:

- The camp is on land owned by the City of Maple Ridge and the Province.
- The Ministry of Transportation and Infrastructure owns 2 of the 3 parcels, which are licensed to the municipality for use as a park.

DAILY ISSUES REPORT – October 4, 2018

***NEW* BC Ferries RFEOI 5 C-Class Ships**

On Thursday, October 4, BC Ferries released an RFEOI for the procurement of five new C-Class vessels.

- **I am aware that today, B.C. Ferries released an Expressions of Interest to procure five new C-Class vessels to serve the Lower Mainland – Vancouver Island routes.**
- **Procuring these new ferries is a major opportunity to give our local shipbuilding industry a boost and I am hopeful that the procurement evaluation, with due fairness, will take B.C.'s strong and dynamic sector into consideration.**
- **I would like to see more ferries built locally. We know there are benefits to building ships in B.C. like skilled, good-paying jobs and I would argue that these benefits far outweigh any cost savings gained by building the ships offshore.**
- **Although our local shipyards do much of the repair and refit work on existing vessels, I would like to see how we can support B.C. shipyards so they can bid on and compete with international companies on new shipbuilding contracts.**
- **We have conducted a review of the coastal ferry service and one of the areas that Mr. Redlin looked at is BC Ferries' procurement practices.**
- **I look forward to sharing the results of the review and our next steps to support our local shipbuilding industry later this fall.**

DAILY ISSUES REPORT – October 4, 2018

BC Ferries – Northern Sea Wolf

BC Ferries will be releasing an internal update as well as a Service Notice in the coming days letting people know that MV Nimpkish will serve the Mid-Coast Connector (Bella Bella – Bella Coola) route from October 12, 2018 through spring 2019 on the existing schedule. This is a change from their previous plan to deploy the Northern Sea Wolf in the region during that time.

Key Messages:

- I was disappointed to hear that the Northern Sea Wolf won't be in place until next spring.
- The previous administration, which cancelled the Discovery Coast Passage route in 2014, asked BC Ferries to acquire a used vessel so that they could begin providing direct sailings between Port Hardy and Bella Coola in the summer, beginning in mid-June of this year.
- Unfortunately, the vessel upgrades took longer than expected.
- Due to the delay, BC Ferries is using the Northern Adventure to provide the direct sailings between Port Hardy and Bella Coola until October 11th this year.
- After October 11th, BC Ferries will be offering free sailings on the Nimpkish for travel between Bella Bella and Bella Coola until next spring.
- BC Ferries has announced that it will extend the 2019 peak season. The Northern Sea Wolf will run between Port Hardy and Bella Coola from June 3 to October 10, 2019.

DAILY ISSUES REPORT – October 4, 2018

Malahat – General

Key Messages:

- I understand that people on southern Vancouver Island are tired of talking about solutions for the Malahat. Vancouver Islanders want to see action. And they want to see it now.
- That's why we are investing in the next phase of safety improvements that will also improve the reliability of this narrow corridor.
- Goldstream park is a beautiful natural setting that is vital for salmon spawning - but it presents challenges when it comes to highway infrastructure. We are literally working between a rock and a hard place. There is a mountain on one side and an important salmon spawning ground on the other.
- By starting the design work to build a median barrier through this park – we are saving lives by preventing dangerous head-on collisions. We are also improving the reliability of this highway by taking bold steps to eliminate the types of accidents that lead to lengthy closures and potential environmental concerns from fuel spills.
- But unfortunately, accidents do happen. Sometimes crashes occur due to driver error or sometimes because of unforeseen acts of nature. That's why we are urgently exploring all options for creating a temporary second route when emergencies do occur.
- I've asked my staff to explore the feasibility of a temporary emergency detour to see if we can find a balance between environmental concerns and the need to keep people moving.

DAILY ISSUES REPORT – October 4, 2018

***NEW* Patterson Pass (Malahat)**

A resident near the newly completed construction zone on the Malahat has written to the ministry asking for the government to consider naming this section of the Malahat “Patterson Pass” in tribute to late fire chief Rob Patterson, for his advocacy in safety improvements on the Malahat.

Some local media are referring to this as a movement – the ministry can confirm it has received one request from a single individual suggesting renaming a stretch of Highway 1 to “Patterson pass.”

Key Messages:

- **Chief Patterson was an important voice advocating for safety on the Malahat through improvements to the highway as well as driver behaviour.**
- **The ministry welcomes input from all residents and stakeholders, and we take suggestions into consideration in our planning processes.**

DAILY ISSUES REPORT – October 4, 2018

Ridesharing Update - General

On July 19, 2018, Minister Trevena made an announcement regarding government's next steps on bringing ridesharing into B.C. and Dr. Dan Hara presented his review with a technical briefing for media. They followed up with a media QA on the subject and follow up media interviews. The NR announced that the B.C. government is increasing the number of taxis on the streets, while easing the way for other rideshare services to offer services to British Columbians by fall 2019. These first steps in the action plan are intended to improve marketplace conditions for innovative transportation companies.

Key Messages:

- **We recognize the frustrations that people have - particularly in Metro Vancouver. People want more options for getting around efficiently.**
- **That's why we are taking the first steps in our action plan to bring ridesharing to B.C.**
- **We acknowledge that it's taking longer than anticipated to create the regulatory structure and insurance that will allow ridesharing companies (such as Uber and Lyft) to enter the B.C. market.**
- **We share people's frustrations, but we have a responsibility to get things done right.**
- **Passenger safety is number one. We need to ensure that passengers are transported in safe vehicles with safe drivers who have completed a background check.**
- **We also have to make sure that the proper insurance is in place, so if there is a crash, the coverage is there.**
- **We are tabling ridesharing legislation this fall. This will include the changes needed to create ICBC insurance products, tailored for ridesharing companies.**
- **Also, we are putting 500 more taxis on the streets (300 in Metro Vancouver and 200 to the rest of the province).**
- **Our approach will modernize the taxi industry and help meet current demand, while opening the door to other vehicles for hire - so people can move around how they want, when they want, safely.**
- **We expect ridesharing companies to be ready to offer services in B.C. by September 2019. We recognize this is taking longer than anticipated, but again, we have a responsibility to get things done right.**

DAILY ISSUES REPORT – October 4, 2018

Ridesharing – Passenger Transportation Board approval

On September 11th Passenger Transportation Board Chair Catharine Read provided a presentation to UBCM in which taxi modernization was discussed, including that the Board was moving forward with the 3 key Hara initiatives – most importantly, the recommendation to increase the supply of taxis on the road by 15%.

Applications have been open since September 17th.

Key Messages:

- I'd like to thank the Board for working with Dr. Hara over the past two months to implement a series of recommended and immediate short-term actions that will help people get around the city more efficiently and better meet consumer demand.
- This is the first phase in our ride sharing action plan in delivering more convenience and flexibility so people can move around how they want, when they want, safely.
- Existing licensees will be able to apply to the Board to increase the number of vehicles in their fleet by up to 15 percent to mitigate the shortage of cabs in Metro Vancouver and provide some relief for passengers until we get a system in place to allow for ridesharing.
- This means 300 more taxis in the Lower Mainland to keep people moving, and approximately 200 more cabs throughout the rest of the province.
- We recognize the frustrations that people have - particularly in Metro Vancouver. These first steps will provide immediate relief for passengers while we continue to work toward tabling legislation this fall.

What do you think of the Board's process for implementing government's recommendations?

- The Passenger Transportation Board is an independent tribunal and is responsible for approving requests for additional taxi licenses and vehicles before they can operate.
- This approval process involves a thorough review with the taxi industry and stakeholders – Dr. Dan Hara has been involved in this process.
- We respect the independent nature of the tribunal and appreciate their support of the Hara report and these first steps in the modernization of the taxi industry.

What is the total cost of retaining Dr. Hara?

- The total cost of the contract is valued at \$165,000.
- Dr. Hara's contract was extended until December 31, 2018 by up to \$26,000.

DAILY ISSUES REPORT – October 4, 2018

Community Benefits Agreements

On July 16, 2018, Premier John Horgan and Minister Claire Trevena announced a new, landmark framework for major infrastructure projects in B.C. to deliver good paying jobs, better training and apprenticeships, and more trades opportunities for Indigenous people, women and youth around the province.

Key Messages:

- **When we build a project like the Pattullo Bridge or four-lane sections of the Trans-Canada Highway we want the people of B.C. –and those who live near these projects - to be the first to benefit.**
- **Community Benefit Agreements provide good-paying jobs, better training and apprenticeships, and better opportunities for Indigenous people, women and youth so local people stand to gain the most from public infrastructure spending.**
- **Workers on these projects will have the assurance of knowing where their next paycheque is coming from.**
- **They will have a secure, better paying job and more money in their pockets.**
- **It also helps employers who say they can't find enough workers with a looming skills shortage. 75% of companies surveyed last fall said there are not enough qualified trade workers like pipefitters, plumbers or electricians.**
- **With 60,000 job openings over the next ten years – almost all retiring workers – government is poised to train the next generation through a Community Benefits approach.**
- **This agreement also protects against expensive overruns that we've seen in the past under the previous government's lowest-bid model, leaving taxpayers on the hook.**
- **We're not just investing in roads, bridges and other infrastructure, we're investing in good jobs and new opportunities for people - building up B.C. with the next generation of construction workers.**

DAILY ISSUES REPORT – October 4, 2018

Community Benefits Agreements – Petition filed

A petition was filed on Monday, August 27th in the B.C. Supreme Court by a group of petitioners including the Independent Contractors and Businesses Association, various construction associations, non-Building Trades Unions and non-Building Trades contractors.

The petition challenges:

- The scope of the Minister's authority under S.3 of the Transportation Act, (which includes the power to enter into contracts). The petitioners assert that the Building Trades only requirement is irrelevant to the statutory purpose and therefore outside the Minister's authority.
- The Building Trades Only Requirement violates Charter protection for free expression, for free association, and against discrimination in public employment. The petitioners assert any infringements of the Charter are not justified as reasonable limits under S.1 of the Charter.

Key Messages:

- **Government stands behind the principles of the Community Benefits Agreement (CBA) to deliver good paying jobs, enhanced training, more apprenticeships and more opportunities for Indigenous people, women and youth around the province.**
- **I am aware of the petition filed seeking to stop the use of the full CBA on the new Pattullo Bridge, and its application to other projects.**
- **In anticipation of receiving the filed court documents, a litigation team is being established and preparation for a response is underway.**
- **We will defend the CBA and the right of all workers to benefit from the fair wages and working conditions this agreement sets out.**
- **In the meantime we will continue with the procurement for the new Pattullo Bridge, including the application of the CBA.**

DAILY ISSUES REPORT – October 4, 2018

Greyhound stopping operations in Western Canada

On July 9, 2018, Greyhound Canada announced that it is ending its passenger bus and freight services in Western Canada. This will stop service in Alberta, Saskatchewan and Manitoba, and all but one route in B.C. - a U.S.-run service between Vancouver and Seattle. The changes take place on October 31. This will mean Ontario and Quebec will be the only regions where Greyhound will still run its services. In a statement, Greyhound Canada senior vice-president Stuart Kendrick said: "This decision is regretful and we sympathize with the fact that many small towns are going to lose service." The company says they have experienced a 41 per cent decline in ridership since 2010, and persistent competition from subsidized national and inter-regional passenger transportation services.

Key Messages:

- **The news of Greyhound's full withdrawal from B.C. has understandably resulted in people feeling worried and uncertain about what that means for their everyday lives, and how they will continue getting around safely and affordably.**
- **I share their concern and want people to know that our government hears them and they will not be left stranded without access to transportation.**
- **We are focusing our efforts on finding solutions, and we are working tirelessly to do so. What those solutions will be is not yet known, but I assure you that we will get there.**
- **We are encouraged by the Prime Minister's commitment to work with the affected provinces, indicating that he understands the importance of transportation to a country as diverse and vast as Canada. Along with other provinces, B.C. will urge the federal government to work with Greyhound to extend the notice period, to make sure people have safe and reliable transportation options.**
- **The Province will continue working with our federal and local partners to find a solution that works for people, and that ensures people in B.C. have access to safe, affordable and reliable ground transportation.**

DAILY ISSUES REPORT – October 4, 2018

George Massey Tunnel Replacement Project – Review

An independent technical review of the George Massey crossing, led by professional engineer Stan Cowdell, is now with the Ministry of Transportation and Infrastructure. The Minister and ministry staff will take the summer to analyze this report and consider next steps.

Key Messages:

- **We've heard the concerns raised by Metro Vancouver and many residents about the idea of building a 10-lane bridge to replace the George Massey Tunnel, and the costs associated with such a large project.**
- **Before any more work is done, it's important to explore the options available for this corridor.**
- **As you know, Stan Cowdell, a professional engineer with expertise in major infrastructure projects, led an independent technical review of the options available for the corridor. Mr. Cowdell submitted his report in late June.**
- **The ministry is thoroughly reviewing the report to consider its findings and possible next steps.**
- **I will also discuss the findings with Metro Vancouver and the region's mayors to ensure that any future direction on the tunnel crossing is supported by the people in the region.**

Robb, Katie GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Wednesday, October 3, 2018 3:36 PM
To: Pope, Danielle GCPE:EX
Cc: Lowe, Sonia GCPE:EX; Bowness, Lianne GCPE:EX
Subject: Re: DIR - Oct. 4, 2018

Awesome thank you

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
M: [250.920.8371](tel:250.920.8371)

On Oct 3, 2018, at 3:34 PM, Pope, Danielle GCPE:EX <Danielle.Pope@gov.bc.ca> wrote:

Hi Katie, Lianne and Sonia,
Here is the updated DIR for Oct. 4. In this copy, I've done the following:

- Updated proactive
- Updated the section on the Old Fort Road with latest messaging
- Added a new section on "Patterson Pass" which is getting more media attention
- Corrected formatting to be more consistent throughout

Thanks,

Danielle

Danielle Pope | Media Relations
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Telephone: 250-356-8241 | Mobile: 778-679-0133
Danielle.Pope@gov.bc.ca

Robb, Katie GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Wednesday, October 3, 2018 10:43 AM
To: Pope, Danielle GCPE:EX; Lowe, Sonia GCPE:EX; Phelps, Brendan GCPE:EX
Subject: FW: 2018-10-01 IN - Old Fort Road landslide (3).docx
Attachments: 2018-10-01 IN - Old Fort Road landslide (3).docx; ATT00001.txt

FYI

Katie Robb
Communications Director | Ministry of Transportation and Infrastructure Government Communications & Public
Engagement
O: 250.953.4865 | M: 250.920.8371

-----Original Message-----

From: Beale, William TRAN:EX
Sent: Wednesday, October 3, 2018 10:41 AM
To: Robb, Katie GCPE:EX; Richter, Kevin J TRAN:EX
Subject: 2018-10-01 IN - Old Fort Road landslide (3).docx

Not sure if you've seen this

BC HYDRO ISSUES NOTE

Issue:	LANDSLIDE ABOVE OLD FORT ROAD
Spokesperson:	Greg Alexis, Public Affairs Manager, Site C

ISSUE SUMMARY

A landslide took place above Old Fort Road overnight Saturday, September 29. The slide location is approximately 1 km past the eastern entrance to the Site C project site.

BACKGROUND – LANDSLIDE

- Sometime late Saturday night (Sept. 29) / early Sunday morning (Sept. 30), a landslide took place above Old Fort Road.
 - The slide location is off dam site and approximately 1 km past (east of) the Gate 'B' entrance to Site C.
- The slide has caused damage to the road. Access to the community of Old Fort is closed until the area can be determined to be safe to allow crews to enter to start the repairs.
- There is a gravel pit (Blair's Sand & Gravel) located directly above the slide.
 - The gravel pit operation is located outside of Site C boundaries
 - BC Hydro does not have a contract with Blair's Sand & Gravel for stockpiling or other uses, nor has it been used by any of the Site C contractors or sub-contractors.
- There is no evidence at this time that the slide is related to Site C or any of the work taking place on the project.
- Operations at the project site have not been impacted and work is continuing as planned.
- The Peace River Regional District (PRRD) issued an evacuation order for the area directly above the slide area, including the Peace River Lookout and the lands directly south and south east.
- Safety is our top priority and we are monitoring the situation closely.
- BC Hydro is working with the RCMP, the PRRD, the Ministry of Transportation and Infrastructure and local authorities to assist in any way we can.

BACKGROUND – SLOPE STABILITY

- Prior to the start of Site C construction, BC Hydro conducted extensive engineering investigations, analysis and review into the geology of the Site C project area.
 - Identified geotechnical risks, along with mitigation measures, were reported in the Site C Project's Environmental Impact Statement.

- Historical landslide complexes in the Peace Valley are very common and are addressed in the design and assessment of all Site C project areas, including:
 - the Highway 29 realignment
 - the Hudson's Hope berm;
 - the Site C earthfill dam and associated permanent features.
- Historical slides are addressed with the project excavations and stabilization measures at the dam site.
- This includes the left bank overburden excavation which is a slope stabilization of over 11 million cubic metres.
- An extensive inventory of existing slides is incorporated into the reservoir impact lines, which outlines the predicted effects of the Site C reservoir on slope stability and erosion.
- Stability issues and the potential for tension cracks on the north bank were expected, which is why the slope is being excavated to remove unstable overburden materials prior to completion of the permanent works.
- As part of Site C construction, work has been underway since the summer of 2015 to remove unstable material on the north bank to create stable slopes for eventual dam construction.
 - This work is being done in accordance with international and Canadian safety practices to withstand unlikely events, such as an extreme earthquake.
 - Slope stabilization activities include the construction of access roads and haul roads, excavation of unstable materials and relocation and storage of excavated materials for future use in other areas of the project.
- As of August 2018, more than 11 million cubic metres of material (including overburden and shale bedrock) have been excavated from the north bank.
- Keeping with international best practice, BC Hydro also has a Technical Advisory Board for Site C that provides on-going technical advice on the engineering and design of the project.
- The members of the Site C Technical Advisory Board are globally recognized for their technical knowledge and experience with the design of hydroelectric projects around the world.

KEY MESSAGES

- BC Hydro is committed to safely and responsibly advancing the construction of the Site C project.

- We are aware of the landslide that took place above Old Fort Road late Saturday/early Sunday morning.
- There is no evidence at this time that the slide is related to Site C or any of the work taking place on the project.
- The slide location is off dam site and about 1 km past the Gate 'B' entrance to site.
- Operations at the project site have not been impacted and work is continuing as planned.
- For further information about the landslide, please contact the Ministry of Transportation of Transportation and Infrastructure (MoTI).

TOP QUESTIONS AND ANSWERS

1. **People are saying that the gravel pit, located above Old Fort Road, triggered the landslide. Was the gravel pit being used as a stockpile site for the Site C project?**
 - No. BC Hydro does not have a contract with Blair's Sand & Gravel for stockpiling or other uses, nor has it been used by any of the Site C contractors or sub-contractors.
2. **Why would BC Hydro build a dam in an area that has history of landslides?**
 - BC Hydro is committed to safely and responsibly advancing the construction of the Site C project.
 - BC Hydro has conducted extensive engineering studies into the geology of the project area – including the dam site – for decades.
 - The issue of historical slides in the area is well documented and is being addressed with the excavations and stabilization measures that have been taking place at site since construction started in 2015.
 - For example, BC Hydro has removed more than 11 million cubic metres of overburden materials on the north bank to create a stable slope for the dam.
3. **Why is BC Hydro building a dam on shale?**
 - Site C is being built – and will be maintained – to international and Canadian safety standards so it can withstand major events like earthquakes and floods.
 - BC Hydro has conducted extensive engineering studies into the geology of the project area – including the dam site – for decades.
 - The presence of shale bedrock is well documented in the project's environmental impact statement (EIS).
 - The EIS was reviewed by the Site C Joint Review Panel and later approved by the provincial and federal governments in 2014.
 - Building hydro-electric dams on shale bedrock is not uncommon.
 - The environmental impact statement for Site C identified 16 other earthfill dams around the world that were built on similar bedrock.
 - BC Hydro has incorporated into the design a concrete buttress that will be placed under the spillway and generating station for increased stability and seismic protection.

Robb, Katie GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Wednesday, October 3, 2018 9:52 AM
To: Phelps, Brendan GCPE:EX
Subject: RE: Landslide - October 3: Old Fort Road Slide

great

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
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From: Phelps, Brendan GCPE:EX
Sent: Wednesday, October 3, 2018 9:51 AM
To: Robb, Katie GCPE:EX; Pope, Danielle GCPE:EX
Cc: Lowe, Sonia GCPE:EX
Subject: RE: Landslide - October 3: Old Fort Road Slide

Thanks, Scott Maxwell sent that update last night too.

Just working on a follow-up media request now to make sure that's the most up-to-date info.

From: Robb, Katie GCPE:EX
Sent: Wednesday, October 3, 2018 9:49 AM
To: Pope, Danielle GCPE:EX; Phelps, Brendan GCPE:EX
Cc: Lowe, Sonia GCPE:EX
Subject: FW: Landslide - October 3: Old Fort Road Slide
Importance: High

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
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From: Richter, Kevin J TRAN:EX
Sent: Wednesday, October 3, 2018 7:56 AM
To: Trevena, Claire TRAN:EX; Papadopoulos, James TRAN:EX; Beale, William TRAN:EX; Main, Grant TRAN:EX; Robb, Katie GCPE:EX; Maxwell, Scott D TRAN:EX; Ostropolski, Melissa TRAN:EX
Subject: Landslide - October 3: Old Fort Road Slide
Importance: High

Slide remains active, moving another 60+ metres yesterday.
It is still not safe to enter the slide zone.

Geotech on site.

Staff attended community meetings in the area and at Ft. St. John.

Questions related to slope monitoring and when the road will be opened.

The Old Fort subdivision itself is under evacuation alert, and may move to an order at some point. The order is not due to imminent threat of damage directly to structures rather for lack of services, such as electricity to allow people to safely remain. Approximately half of the 107 residents have been voluntarily evacuated by boat. BC Hydro is working to re-establish power. There is a chance the two structure may be put on evacuation order soon.

Crews are on standby to re- establish the road once the slide comes to a rest.



Robb, Katie GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Wednesday, October 3, 2018 7:26 AM
To: Beale, William TRAN:EX; Bowness, Lianne GCPE:EX; Machell, Aileen GCPE:EX; Papadopoulos, James TRAN:EX; Stone, Lynne TRAN:EX; Trevena, Claire TRAN:EX; Zaharia, Sarah GCPE:EX
Cc: Lowe, Sonia GCPE:EX
Subject: Daily Issues
Attachments: DIR MOTI October 3 2018.docx; IN Highway 7 Haney Bypass.docx; Oct 2 2018 Letter to Maple Ridge Council re Haney Bypass.pdf

Good morning! Here are MoTI's issues of the day. Also attaching the Issues Note on Haney Bypass and the letter that went to Council last night on the revised design for the Bypass/222nd St intersection.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

ADVICE TO MINISTER

**CONFIDENTIAL
ISSUES NOTE**

**Ministry of Transportation and Infrastructure
Updated September 25, 2018
Minister Responsible: Claire Trevena**

**Highway 7 (Haney
Bypass Project)**

ADVICE AND RECOMMENDED RESPONSE:

s.13

Minister's Office	Program Area	ADM	Comm. Dir
	SH, JS		



October 2, 2018

Dear Mayor and Council:

I am writing to provide an update on the Haney Bypass Project.

Firstly, I want to acknowledge and thank City staff for their ongoing cooperation and collaborative relationship with the Ministry, as we worked together to find a design solution for the intersection of Haney Bypass and 222nd Street that met the needs of all parties and was of safety and operational benefit to the travelling public.

I also want to acknowledge that the current Haney Bypass project fits into a longer term vision for the corridor, which was presented to Maple Ridge Council in October 2016. As with many of our provincial highways, we have developed a long term corridor strategy for the Haney Bypass to help create the road map for future investment based on anticipated development and traffic growth in the area. On completion of this current Phase, the Ministry will continue to monitor safety and mobility trends on the Haney Bypass to determine future investment timelines on the corridor.

At a technical workshop on August 15 2018, staff from the City and the Ministry along with the City's consultant and the Ministry's consultant reviewed two technically feasible options for the 222nd intersection. As a result of that meeting and further analysis, the Ministry will be moving forward with the option preferred by Maple Ridge staff and its consultants. This option will allow for the retention of all traffic movements at the 222nd street intersection.

**Ministry of
Transportation and
Infrastructure**

Highways
South Coast Region

Mailing Address:
310-1500 Woolridge Street
Coquitlam, BC V3K 0B8

Phone: 604-527-2111

Web Address:
www.gov.bc.ca/tran

We also understand that residents from Stonehouse Estates, a Strata Townhouse complex consisting of 62 units at 23151 Haney Bypass, have expressed concerns to Council regarding noise attenuation. The Ministry has and will continue to work with and respond to these residents as the project advances.

We look forward to getting this project tendered and work underway, as this project will offer a significant safety and operational improvement to travel within and through the community of Maple Ridge. At this time, the Ministry is hoping to have this project tendered on BC Bid on October 9 2018; however this time may change subject to further discussions amongst the Ministry and City.

Thank you again for your ongoing support on the Haney Bypass Improvement Project.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Staite". The signature is fluid and cursive, with a large initial "J" and "S".

Janelle Staite, P.Eng
Deputy Director
South Coast Region, MOTI

Cc: Ashok Bhatti, Executive Director, SCR MOTI
Cc: Sheila Hui, Senior Project Manager, SCR MOTI
Cc: Frank Quinn, General Manager, Public Works & Development Services, City of Maple Ridge
Cc: David Pollock, Municipal Engineer, City of Maple Ridge

DAILY ISSUES REPORT – October 3, 2018

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DAILY ISSUES REPORT – October 3, 2018

Proactive

Wednesday, October 3

TRAN - TA - Overnight lane closures on the Lions Gate Bridge - Drivers can expect delays on the Lions Gate Bridge from 10:00 p.m. Saturday, September 29 until 6 a.m. on Sunday, September 30 for maintenance work. Single-lane alternating traffic will be in effect while crews replace bearings near the south tower. This replacement is needed due to wear of key structural components.

Thursday, October 4

TRAN - IB - Mount Lehman Rd 4-laning project in Abbotsford - Construction under way - Notice that construction has started on the Mount Lehman Rd 4-laning project to widen a section from two lanes to four lanes with new sidewalks and bike lanes. \$27.5 million project, Federal/ Provincial/ Municipal partnership.

TRAN - IB - Sombrio Rest Area now complete & ready for people to visit - Sombrio Rest Area now complete - Advise travellers that the new rest area at the Sombrio lookout has been completed (Part of the suite of Highway 14 safety improvement projects).

Friday, October 5

N/A

DAILY ISSUES REPORT – October 3, 2018

Overarching

- **Our government has made a commitment to make life more affordable for British Columbians, to deliver the services that people count on and to build a strong and innovative economy that works for everyone.**
- **These commitments will guide every decision my ministry makes and every project we deliver as we look to keep people and goods moving in every part of the province.**
- **In my mandate letter from the Premier, I have the following priorities, which I am focused on delivering:**
 - **Lead planning to address the infrastructure needs of rural and urban British Columbia under the government's comprehensive capital infrastructure plan to build a Better B.C. (underway)**
 - **Work with the Minister of Finance to eliminate tolls on the Port Mann and Golden Ears Bridges. (accomplished)**
 - **Accelerate Highway 1 upgrades to the Alberta border. (underway)**
 - **Work with the Minister of Municipal Affairs and Housing to secure federal funding for the Pattullo Bridge replacement and rapid transit in Metro Vancouver as part of implementing the mayor's 10-year plan for transit and transportation. (accomplished)**
 - **Work with B.C. Transit, the federal government, and local governments to fund transit improvements across the province, including improving HandyDART service. (underway)**
 - **Work with B.C. Ferries to freeze and reduce fares, and reinstate the senior's weekday 100% discount, while conducting a comprehensive operating review. (accomplished)**
 - **Ensure that B.C. Ferries procurement practices for new ferries provide for a fair and competitive bidding process that is open to B.C. shipyards. (underway)**
 - **Work with the Minister of Public Safety and Solicitor General to create a fair approach to ride hailing. (underway)**

DAILY ISSUES REPORT – October 3, 2018

Old Fort Landslide (near Fort St. John)

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately 1 kilometre west of the Old Fort community, which is just south of Fort St John. A preliminary field and air assessment has been completed, and landslide specialists are on route. The slide continues to move and it could be several days before it stops. 24-hour traffic control and slide monitoring is in place.

- **We understand that people who live in the Old Fort community are cut off, and we are working around the clock to find a solution – 24-hour traffic control and slide monitoring is in place.**
- **We want to assure the community that we are doing everything possible to open this road as soon as it's safe to do so.**
- **This is an urgent situation for a community that was also ravaged by wildfires this year.**
- **A preliminary field and air assessment has been completed, and landslide specialists have been inspecting the site.**
- **There is no immediate risk to the Old Fort community, however the slide continues to move and it could be several days before it stops.**
- **Old Fort Road has been damaged and the road to the community is closed until the site is safe for crews to start repairs.**
- **The ministry is working with the Peace River Regional District to find suitable access options for the residents in the meantime.**
- **An evacuation order has been issued for the Peace River Lookout and lands directly south and south-east, which includes a gravel operation above the slide.**
- **We will continue to provide updates as more information becomes available.**

If asked, where did the landslide take place?

- The slide took place approximately 1 kilometre west of the Old Fort community, just south of Fort St. John.

If asked, what is the impact to the local community?

- There is no immediate risk to the Old Fort community, however the slide continues to move and it could be several days before it stops.
- Old Fort Road has been damaged, and the road to the community is closed until the site is safe for crews to start repairs.
- An evacuation order has been issued for the Peace River Lookout and lands directly

DAILY ISSUES REPORT – October 3, 2018

south and south-east, which includes a gravel operation above the slide.

If asked, what is the ministry doing to address this issue?

- We are working around the clock to find a solution – 24-hour traffic control and slide monitoring is in place.
- A preliminary field and air assessment has been completed, and landslide specialists have been inspecting the site.
- The ministry is working with the Peace River Regional District to find suitable access options for the residents in the meantime.
- We will continue to provide updates as more information becomes available.

If asked, did Site C construction cause the landslide?

- BC Hydro has informed us that there is no evidence at this time to suggest that the slide is related to Site C or any of the work taking place on that project.
- The slide location is off the dam site, about one kilometre past the Gate B entrance to Site C.

DAILY ISSUES REPORT – October 3, 2018

Tent Cities – Goldstream Park and Maple Ridge

Goldstream Park: (KMs from MAH)

- Shelter has been offered to all homeless campers that were staying at Goldstream Provincial Park. It is our understanding that at least 10 people have been housed or sheltered since the camp first started at Regina Park. And there is still some shelter space available for those in need.
- The campers began to depart from Goldstream on Monday and the move continued on Tuesday, with everyone now moved out of the park.
- BC Housing has connected with multiple shelters throughout Victoria who are prepared to take in new clients, including: Rock Bay Landing, Sandy Merriman Shelter, Victoria Native Friendship Centre and Arbutus Shelter.
- BC Housing and outreach staff are continuing to work with campers to match them with the right housing for their individual needs. Ultimately, our goal is to ensure the safety of everyone involved.

Maple Ridge:

*Note MAH and the City of Maple Ridge are the lead on this file

Currently, there are approximately 70 campers in the Anita Place camp located between the Haney Bypass and St. Anne Avenue in Maple Ridge. This camp has existed since May 2017. The Ministry of Transportation and Infrastructure (MOTI) owns 2 parcels of the land (comprising approximately half of the encampment site) and licenses them to the municipality to use as a park. Maple Ridge owns the third parcel.

MAH is currently installing temporary housing in Maple Ridge to accommodate about half of the campers; this will be complete by end of October. They are working with the remaining campers to find alternate solutions.

On September 24, 2018, the Fire Commissioner served an order under the Fire Services Act. Maple Ridge parks staff are attempting to clean the site to comply with the order.

MOTI staff have been on site to observe and to provide support to Maple Ridge in the clean-up efforts. Under the terms of the License with Maple Ridge, the municipality is compelled to enforce all by-laws, keep the lands clean and sanitary, and enforce any orders. Last week MOTI installed “No Trespassing” signs on all BCTFA properties in the surrounding area and cleaned potentially hazardous refuse from the highway lands adjacent to the

DAILY ISSUES REPORT – October 3, 2018

encampment. (With sensitivity towards the campers, signs were not installed directly within the Anita Place camp. MOTI and Maple Ridge are also holding off issuing any notices until temporary housing is available for the campers.)

- **Public safety is the ministry's top priority.**
- **As such, ministry staff are working with Maple Ridge staff and the Ministry of Municipal Affairs and Housing to address concerns about the safety of those in the encampments, as well as the safety of the neighbours and the travelling public.**

If asked about the land where campers are set up:

- **The camp is on land owned by the City of Maple Ridge and the Province.**
- **The Ministry of Transportation and Infrastructure owns 2 of the 3 parcels, which are licensed to the municipality for use as a park.**

If asked about where do the campers go: (lines from MAH)

- **People's health and safety is our first priority.**
- **For too long, the challenges for people who are homeless in Maple Ridge have not been addressed.**
- **Our government is taking a new approach.**
- **We are working to provide a full spectrum of housing options and supports to help people in Maple Ridge who are struggling with homelessness and those living in unsafe conditions.**
- **We need to get people living without shelter and supports at the Anita Place camp and elsewhere in Maple Ridge into secure housing where they can begin the transition to more permanent housing, which in turn helps the broader community.**
- **We have seen numerous supportive housing projects open successfully across the province, bringing benefits to both the community and the residents and we hope to see that success continue in Maple Ridge.**
- **We are providing a range of housing and support options for people who are homeless in Maple Ridge, including those living at the Anita Place homeless camp. These options include 53 new homes at Royal Crescent due to open fall 2018, as well as 40 rent subsidies.**

DAILY ISSUES REPORT – October 3, 2018

DAILY ISSUES REPORT – October 3, 2018

Broadway Subway

On September 4, 2018, Canada and the Province announced funding under Phase Two of the Mayor's Council Vision and the approval of business cases for the Broadway Subway project and Surrey LRT. Different media outlets have been requesting cost breakdowns and rationale behind the increased total project budget.

- **Working together with Metro Vancouver communities and the federal government, we are investing in transit and transportation infrastructure to get people and goods moving quickly, safely and affordably.**
- **We are committed to funding 40% of capital costs for every phase of the Mayors' Council Vision.**
- **The federal government is also contributing over \$2 billion to Phase Two.**
- **In addition to the Surrey and Broadway rapid transit projects, Phase Two investments include increased bus service to areas like Maple Ridge that are underserved by transit options, better SkyTrain service and 108 new SkyTrain cars.**
- **The investments in the Ten-Year Vision are essential for people throughout the region, especially as Metro Vancouver is expecting over 1 million more residents in the next 25 years.**

If asked about the funding breakdown:

- **The estimated total budget is \$2.83 billion, and the Broadway Subway project will be funded and delivered by the Government of British Columbia, with contributions from the Government of Canada and the City of Vancouver.**
- **For Phase 2, the funding breakdown is:**
 - **Government of British Columbia: \$1.82 billion**
 - **Government of Canada: \$888.4 million**
 - **City of Vancouver: \$99.8 million (in-kind land contribution)**
- **Additional funding of \$17 million was provided toward the full project cost under Phase 1 of the Mayors' Vision plan.**

If asked about increased cost:

- **Since the Mayor's Vision was announced in 2014, cost estimates have risen on the Broadway Subway project from \$2.28 billion to \$2.83 billion due to many factors.**
- **These include higher property values and B.C.'s hot construction market which has placed a high demand on workers and materials, meaning increased labour costs and prices of supplies.**

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Highway 29 Realignment Projects (Site C)

On Tuesday, September 4, BC Hydro released the Highway 29 redesign decision to indigenous groups and property owners. Highway 29 connects Hudson's Hope to Fort St. John and runs along the north side of the Peace River. The creation of the Site C reservoir will require six segments of Highway 29 to be realigned over a total distance of approximately 30 kilometres. The scope of work required to realign these segments includes grading and paving, and bridge construction.

The proposed realignments and corridors, subject to field investigations and advanced design, are as follows:

Cache Creek/Bear Flat Corridor

The Cache Creek/Bear Flat Corridor is located approximately 49 kilometres east of the Hudson's Hope town site and 31 kilometres west of Fort St. John. In this area, the existing highway would be flooded by the reservoir, requiring relocation of approximately 10 kilometres of highway and a bridge to cross Cache Creek.

MOTI and BC Hydro are committed to working with Treaty 8 First Nations and landowners on the redesign of the Highway 29 realignment at Cache Creek/Bear Flat. In January 2018, BC Hydro began engaging with Indigenous groups and landowners to share information and seek feedback on two alignment options. Through the consultation process, a third option was developed, which was selected as the best choice – as it reduces the impact on potential burials sites and areas of cultural value, and meets provincial design and safety requirements. On September 4, 2018, BC Hydro will issue an Info Bulletin and communicate with First Nations and property owners that this option has been selected.

- **The ministry is working closely with BC Hydro to realign six segments of Highway 29, which is required for construction of the Site C reservoir.**
- **These road improvements are important to ensure the safety of both local and industrial traffic on Highway 29.**
- **All realignments are being designed to Ministry of Transportation and Infrastructure approved standards.**
- **The ministry and BC Hydro are committed to working with First Nations and property owners affected by these projects, to gather feedback and decide on the best realignment options.**

If asked, what role does the ministry have with these realignment projects?

- **The ministry is working closely with BC Hydro to ensure all realignments are being designed to Ministry of Transportation and Infrastructure approved standards.**

If asked, how are contracts being awarded for these projects?

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- **The procurement approach includes both public tenders and direct awards by BC Hydro to Indigenous businesses. The majority of work will be publicly tendered on BC Bid by the ministry.**

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BC Ferries – PT5 Price Cap Review

On Monday, October 1st, BC Ferries must file a PT5 submission (containing detailed financial and service information), a long-term capital plan and a plan as to how the ferry operator intends to provide services more efficiently in the upcoming performance term (referred to as the efficiency plan) with the BC Ferries Commissioner.

As required by the Act, after receiving the information, the Commission will publish it on its website and invite public comments. The Commissioner's preliminary price cap ruling is due March 31, 2019. A re-negotiated service contract between BC Ferries and government is to be provided to the Commissioner by June 30, 2019. The Commissioner's final PT5 price cap decision is due by September 30, 2019.

The start of this process may raise questions about what is happening with government's coastal ferries review.

- **I am aware that BC Ferries has filed information with the BC Ferries Commissioner on potential fare increases for the next four year term starting in 2020 (Performance Term 5).**
- **This process happens every four years – the last one started in 2014 - and is legislated in the Coastal Ferry Act.**
- **The Act requires the Commissioner to make a preliminary decision by March 31, 2019 about potential fare increases for the next four year term.**
- **Doesn't this go against your commitment to make ferry fares more affordable? Can you override the Commissioner's decision?**
- **Government is committed to making sure that life is more affordable for British Columbians, and that includes dealing with ferry fares.**
- **That's why in April, we froze fares on the major ferry routes between Vancouver Island and the mainland, rolled back fares by 15% on BC Ferries' minor and northern routes and reinstated free passenger fares for seniors.**

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- We'll be looking very closely at the ruling the Commissioner puts forward next March. It's too soon to speculate until this takes place.

If asked: What is happening with the Coastal Ferry Review?

- The coastal ferry services review has been completed and I have received Mr. Redlin's report.
- Given the broad nature of the report, government will take the time necessary to fully consider its recommendations. Once the review is complete we will announce next steps government can take to improve the service for people.
- People along the coast deserve to be able to travel affordably and efficiently. The review is an important step to ensure that our coastal ferry system works for the benefit of British Columbians who depend on this critical service.
- We expect this work to be complete and the report to be released to the public later in the year.

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BC Ferries – Northern Sea Wolf

BC Ferries will be releasing an internal update as well as a Service Notice in the coming days letting people know that MV Nimpkish will serve the Mid-Coast Connector (Bella Bella – Bella Coola) route from October 12, 2018 through spring 2019 on the existing schedule. This is a change from their previous plan to deploy the Northern Sea Wolf in the region during that time.

- **I was disappointed to hear that the Northern Sea Wolf won't be in place until next spring.**
- **The previous administration, which cancelled the Discovery Coast Passage route in 2014, asked BC Ferries to acquire a used vessel so that they could begin providing direct sailings between Port Hardy and Bella Coola in the summer, beginning in mid-June of this year.**
- **Unfortunately, the vessel upgrades took longer than expected.**
- **Due to the delay, BC Ferries is using the Northern Adventure to provide the direct sailings between Port Hardy and Bella Coola until October 11th this year.**
- **After October 11th, BC Ferries will be offering free sailings on the Nimpkish for travel between Bella Bella and Bella Coola until next spring.**
- **BC Ferries has announced that it will extend the 2019 peak season. The Northern Sea Wolf will run between Port Hardy and Bella Coola from June 3 to October 10, 2019.**

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Malahat – General

- I understand that people on southern Vancouver Island are tired of talking about solutions for the Malahat. Vancouver Islanders want to see action. And they want to see it now.
- That's why we are investing in the next phase of safety improvements that will also improve the reliability of this narrow corridor.
- Goldstream park is a beautiful natural setting that is vital for salmon spawning - but it presents challenges when it comes to highway infrastructure. We are literally working between a rock and a hard place. There is a mountain on one side and an important salmon spawning ground on the other.
- By starting the design work to build a median barrier through this park – we are saving lives by preventing dangerous head-on collisions. We are also improving the reliability of this highway by taking bold steps to eliminate the types of accidents that lead to lengthy closures and potential environmental concerns from fuel spills.
- But unfortunately, accidents do happen. Sometimes crashes occur due to driver error or sometimes because of unforeseen acts of nature. That's why we are urgently exploring all options for creating a temporary second route when emergencies do occur.
- I've asked my staff to explore the feasibility of a temporary emergency detour to see if we can find a balance between environmental concerns and the need to keep people moving.

Is this just a short-term Band-Aid solution?

- This is about immediate safety, saving people's lives and ending long delays from head-on collisions. We've seen it before when accidents through this corridor lead to fuel spills that cause extensive environmental concerns and cleanup efforts. By adding median barriers, we are decreasing the chances of a head-on collision that could lead to serious injuries and lengthy delays.
- You will also see on BC Bid right now – a request for qualifications for a consultant to look at the entire Malahat corridor and potential long-term solutions.

We will ask the consultant to look at:

- Safety improvements
- Corridor widening
- Capacity improvements
- Intersection improvements
- Why isn't the ministry investing in bypassing Goldstream park altogether?

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- As the Minister of Transportation and Infrastructure – I've asked my staff to look at everything to do with this highway. That includes safety, congestion and potentially a second route.
- We are not ruling anything out over the long-term but we want to keep the momentum going from the Malahat Village Safety Improvement project and continue to invest in median barriers that are proven to save lives.
- We need traffic to be flowing along the Malahat so families can spend more time together, so important goods and services can get up and down Island and so people can make important appointments and travel arrangements. A lengthy delay or detour is not acceptable. That's why we are exploring the viability of temporarily opening up a second route if an accident were to occur.

If asked about detour...

- One of the immediate solutions in front of us is building an emergency detour route in case the highway is closed because an accident. This route would need to go through environmentally sensitive areas along existing logging roads – including bypassing a watershed.
- I've asked my staff to start exploring that detour. But I want to be perfectly clear...this route will not be popular with everyone.
- When it comes to navigating through Goldstream Park we are literally working between a rock and a hard place. There is a mountain on one side and an important salmon spawning ground on the other.
- Still, I've asked my staff to explore the feasibility of this detour to see if we can find a balance between environmental concerns and the need to keep people moving.

If asked why this corridor is important

- The ministry's year-round traffic data shows that on average roughly 25 000 cars travel the Malahat every day. For the busy travel months of July and August - that number jumps to nearly 30 000 cars per day.
- And those numbers continue to climb. The ten-year trend shows that daily traffic on the Malahat over the last decade has increased by nearly 4 thousand cars per day.

Asked about other alternatives

- I know recently there have been discussions about increasing ferry services between Brentwood Bay and Mill Bay. But the reality is that with 25-30 thousand cars traveling the Malahat every day, and the largest vessels within the BC Ferries fleet carrying 300 to 400 cars per trip, increasing the frequency of ferries or size of the boats would do little to solve the overall congestion concerns.

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- There have also been talks about building a bridge. A crossing of that size and length would be a multi-billion-dollar endeavour with environmental and logistical challenges.
- This week I had a great conversation with Sonia Furstenau, Cowichan Valley MLA and someone who also travels this Malahat almost daily. I know Sonia is equally as frustrated with this stretch of highway. We shared a lot of ideas and I look forward to collaborating with my colleague on this file as we move forward.
- There are additional projects we are working on that will help with congestion and delays. We know one of the biggest areas of bottlenecks on Highway 1 is near the Leigh Road interchange. I've asked staff to also look at this area in particular.
- I know intimately that the Malahat is an important major route linking communities across Vancouver Island and we are committed to improving the safety of this corridor for families, residents and all those who rely upon it.

Ridesharing Update - General

On July 19, 2018, Minister Trevena made an announcement regarding government's next steps on bringing ridesharing into B.C. and Dr. Dan Hara presented his review with a technical briefing for media. They followed up with a media QA on the subject and follow up media interviews. The NR announced that the B.C. government is increasing the number of taxis on the streets, while easing the way for other rideshare services to offer services to British Columbians by fall 2019. These first steps in the action plan are intended to improve marketplace conditions for innovative transportation companies.

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Key Messages:

- We recognize the frustrations that people have - particularly in Metro Vancouver. People want more options for getting around efficiently.
- That's why we are taking the first steps in our action plan to bring ridesharing to B.C.
- We acknowledge that it's taking longer than anticipated to create the regulatory structure and insurance that will allow ridesharing companies (such as Uber and Lyft) to enter the B.C. market.
- We share people's frustrations, but we have a responsibility to get things done right.
- Passenger safety is number one. We need to ensure that passengers are transported in safe vehicles with safe drivers who have completed a background check.
- We also have to make sure that the proper insurance is in place, so if there is a crash, the coverage is there.
- We are tabling ridesharing legislation this fall. This will include the changes needed to create ICBC insurance products, tailored for ridesharing companies.
- Also, we are putting 500 more taxis on the streets (300 in Metro Vancouver and 200 to the rest of the province).
- Our approach will modernize the taxi industry and help meet current demand, while opening the door to other vehicles for hire - so people can move around how they want, when they want, safely.
- We expect ridesharing companies to be ready to offer services in B.C. by September 2019. We recognize this is taking longer than anticipated, but again, we have a responsibility to get things done right.

But why is it taking so long?

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- It is frustrating that the previous government did nothing to lay the groundwork.
- We need to change legislation first to deal with various aspects of the industry, including safety.
- We also need to bring forward a legislative change to allow ICBC to develop a flexible product that will work for companies like Uber and Lyft.
- Given the current challenges at ICBC, this product must be developed carefully to ensure the public is not open to risk.
- That new insurance product then has to be approved by the BC Utilities Commission.
- By September 2019, we expect companies to apply to offer services.

Ridesharing – Passenger Transportation Board approval

On September 11th Passenger Transportation Board Chair Catharine Read provided a presentation to UBCM in which taxi modernization was discussed, including that the Board was moving forward with the 3 key Hara initiatives – most importantly, the recommendation to increase the supply of taxis on the road by 15%.

The Board will be posting their report on Wednesday, September 12th and will publish a streamlined application package later in the week, so applicants can apply as of Monday, September 17th.

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This follows a July announcement which indicated the B.C. government is increasing the number of taxis on the streets, while easing the way for other rideshare services to offer services to British Columbians by fall 2019.

These first steps in the action plan are intended to improve marketplace conditions for innovative transportation companies.

Key Messages:

- **I'd like to thank the Board for working with Dr. Hara over the past two months to implement a series of recommended and immediate short-term actions that will help people get around the city more efficiently and better meet consumer demand.**
- **This is the first phase in our ride sharing action plan in delivering more convenience and flexibility so people can move around how they want, when they want, safely.**
- **Existing licensees will be able to apply to the Board to increase the number of vehicles in their fleet by up to 15 percent to mitigate the shortage of cabs in Metro Vancouver and provide some relief for passengers until we get a system in place to allow for ridesharing.**
- **This means 300 more taxis in the Lower Mainland to keep people moving, and approximately 200 more cabs throughout the rest of the province.**
- **We recognize the frustrations that people have - particularly in Metro Vancouver. These first steps will provide immediate relief for passengers while we continue to work toward tabling legislation this fall.**

What do you think of the Board's process for implementing government's recommendations?

- **The Passenger Transportation Board is an independent tribunal and is responsible for approving requests for additional taxi licenses and vehicles before they can operate.**
- **This approval process involves a thorough review with the taxi industry and stakeholders – Dr. Dan Hara has been involved in this process.**

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- We respect the independent nature of the tribunal and appreciate their support of the Hara report and these first steps in the modernization of the taxi industry.

What is the total cost of retaining Dr. Hara?

- The total cost of the contract is valued at \$165,000.
- Dr. Hara's contract was extended until December 31, 2018 by up to \$26,000.

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Community Benefits Agreement

On July 16, 2018, Premier John Horgan and Minister Claire Trevena announced a new, landmark framework for major infrastructure projects in B.C. to deliver good paying jobs, better training and apprenticeships, and more trades opportunities for Indigenous people, women and youth around the province.

Highlights of the agreement include:

- A targeted approach to maximizing apprenticeship opportunities on government projects.
- Focus on priority hiring and training of Indigenous peoples, and women.
- Coordinated access to existing training programs, while identifying and addressing skills gaps.
- Priority hiring for qualified individuals that live within close proximity of the projects.
- Hiring flexibility for contractors.
- Wage alignment to prevailing industry rates to promote good wages for all employees.

Key Messages:

- **When government builds new schools, hospitals and roads, those projects should also generate benefits and opportunity for B.C. workers.**
- **By using a Community Benefits Agreement, also known as a labour agreement, we are opening up employment and training opportunities for people where they live.**
- **Any proponent can bid on these projects, and any person can work on them. It is best when public infrastructure projects are open to all contractors —union or non-union.**
- **This agreement means we will put local people first in line for work – initially within a 100 kilometre radius of the project and then expanding as far as needed to effectively source required labour.**
- **Hiring local people means growing local economies and building thriving communities across the province.**
- **We are increasing the participation of women, Indigenous workers and apprentices to help them support their families and further their career path.**
- **B.C. has a skilled worker shortage, and we need to provide opportunities for apprentices to train the future workforce of the province.**
- **Agreements like this one have a proven track record in both the private and public sector.**

How will this agreement benefit apprentices?

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- Apprenticeship ratios are an important part of the Community Benefits Agreement.
- We worked with industry, employers and others to determine an overall apprentice work-hour ratio of 25% over three years on government-funded construction projects valued at \$15 million or more.
- A ratio based on hours worked will provide more opportunities for people who want to work in the building trades, assist in developing our future workforce and maximize the value of government spending.

Will non-affiliated workers be excluded from the workforce by the labour agreement?

- No. The intent is to provide opportunities to as much of the workforce as possible, and make sure that everyone gets an opportunity to participate in the construction job market, regardless of union affiliation.
- After 30 days on the jobsite, non-union workers will be required to join the union but only for work on the applicable project.

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Community Benefits Agreements – Petition filed

A petition was filed on Monday, August 27th in the B.C. Supreme Court by a group of petitioners including the Independent Contractors and Businesses Association, various construction associations, non-Building Trades Unions and non-Building Trades contractors.

The petition challenges:

- The scope of the Minister's authority under S.3 of the Transportation Act, (which includes the power to enter into contracts). The petitioners assert that the Building Trades only requirement is irrelevant to the statutory purpose and therefore outside the Minister's authority.
- The Building Trades Only Requirement violates Charter protection for free expression, for free association, and against discrimination in public employment. The petitioners assert any infringements of the Charter are not justified as reasonable limits under S.1 of the Charter.

- **Government stands behind the principles of the Community Benefits Agreement (CBA) to deliver good paying jobs, enhanced training, more apprenticeships and more opportunities for Indigenous people, women and youth around the province.**

- **I am aware of the petition filed seeking to stop the use of the full CBA on the new Pattullo Bridge, and its application to other projects.**

- **In anticipation of receiving the filed court documents, a litigation team is being established and preparation for a response is underway.**

- **We will defend the CBA and the right of all workers to benefit from the fair wages and working conditions this agreement sets out.**

- **In the meantime we will continue with the procurement for the new Pattullo Bridge, including the application of the CBA.**

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Greyhound stopping operations in Western Canada

On July 9, 2018, Greyhound Canada announced that it is ending its passenger bus and freight services in Western Canada. This will stop service in Alberta, Saskatchewan and Manitoba, and all but one route in B.C. - a U.S.-run service between Vancouver and Seattle. The changes take place on October 31. This will mean Ontario and Quebec will be the only regions where Greyhound will still run its services. In a statement, Greyhound Canada senior vice-president Stuart Kendrick said: "This decision is regretful and we sympathize with the fact that many small towns are going to lose service." The company says they have experienced a 41 per cent decline in ridership since 2010, and persistent competition from subsidized national and inter-regional passenger transportation services.

Key Messages:

- **The news of Greyhound's full withdrawal from B.C. has understandably resulted in people feeling worried and uncertain about what that means for their everyday lives, and how they will continue getting around safely and affordably.**
- **I share their concern and want people to know that our government hears them and they will not be left stranded without access to transportation.**
- **We are focusing our efforts on finding solutions, and we are working tirelessly to do so. What those solutions will be is not yet known, but I assure you that we will get there.**
- **We are encouraged by the Prime Minister's commitment to work with the affected provinces, indicating that he understands the importance of transportation to a country as diverse and vast as Canada. Along with other provinces, B.C. will urge the federal government to work with Greyhound to extend the notice period, to make sure people have safe and reliable transportation options.**
- **The Province will continue working with our federal and local partners to find a solution that works for people, and that ensures people in B.C. have access to safe, affordable and reliable ground transportation.**

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George Massey Tunnel Replacement Project – Review

An independent technical review of the George Massey crossing, led by professional engineer Stan Cowdell, is now with the Ministry of Transportation and Infrastructure. The Minister and ministry staff will take the summer to analyze this report and consider next steps.

Key Messages:

- **We've heard the concerns raised by Metro Vancouver and many residents about the idea of building a 10-lane bridge to replace the George Massey Tunnel, and the costs associated with such a large project.**
- **Before any more work is done, it's important to explore the options available for this corridor.**
- **As you know, Stan Cowdell, a professional engineer with expertise in major infrastructure projects, led an independent technical review of the options available for the corridor. Mr. Cowdell submitted his report in late June.**
- **The ministry is thoroughly reviewing the report to consider its findings and possible next steps.**
- **I will also discuss the findings with Metro Vancouver and the region's mayors to ensure that any future direction on the tunnel crossing is supported by the people in the region.**

Robb, Katie GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Tuesday, October 2, 2018 5:53 PM
To: Maxwell, Scott D TRAN:EX
Subject: Re: Update: Old Fort Road Slide

Thanks Scott. Appreciate the updates. When things settle (somewhat) we should connect on messaging/public updates with respect to the "cause" of the slide. I know media are trying to draw connections to site c.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
M: [250.920.8371](tel:250.920.8371)

On Oct 2, 2018, at 5:49 PM, Maxwell, Scott D TRAN:EX <Scott.Maxwell@gov.bc.ca> wrote:

Kevin, Nini,

As discussed this earlier; here is an update on the slide affecting Old Fort Road. The slide is still very active it moved 50 metres yesterday, another 30 metres by noon today and continues to move. It is still not safe to enter the slide zone.

Brent Case in on site with support from consultants and will be attending a community meetings today. One has been held in the community, another in will be held in Fort St John tonight with those who have evacuated. The main focus of the attention has been questions around slope monitoring and looking for scope of length of time until opening, which is still to be determined.

The Old Fort subdivision itself is under evacuation alert, and may move to an order at some point. The order is not due to imminent threat of damage directly to structures rather for lack of services, such as electricity to allow people to safely remain. Approximately half of the 107 residents have been voluntarily evacuated by boat. BC Hydro is working to re-establish power. There is a chance the two structure may be put on evacuation order soon.

Crews are on standby to re- establish the road once the slide comes to a rest.

Of note, this slide is receiving significant media interest including CBC, Global and numerous northern media outlets.

Scott Maxwell

Executive Director – Northern Region | Ministry of Transportation & Infrastructure

Robb, Katie GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Tuesday, October 2, 2018 7:13 AM
To: Beale, William TRAN:EX; Papadopoulos, James TRAN:EX; Machell, Aileen GCPE:EX; Zaharia, Sarah GCPE:EX; Lowe, Sonia GCPE:EX; Stone, Lynne TRAN:EX
Subject: Issues
Attachments: DIR MOTI October 2 2018.docx; ATT00001.htm

Good morning - here are today's MoTI issues.

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Proactive

Tuesday, October 2

BC FERRIES - ISSUE - BC Ferries to release bulletin alerting the public that docs are posted on BCF Commissioner website - Every four years the BC Ferry Commissioner reviews the upcoming performance term for BC Ferries (this one starts in 2020) and determines price caps (ie.average fare increases). A public comment period will follow and a decision will be made by March 31, 2019. Commissioner will publicly post information on their website and request public feedback.

Wednesday, October 3

TRAN - TA - Overnight lane closures on the Lions Gate Bridge - Drivers can expect delays on the Lions Gate Bridge from 10:00 p.m. Saturday, September 29 until 6 a.m. on Sunday, September 30 for maintenance work. Single-lane alternating traffic will be in effect while crews replace bearings near the south tower. This replacement is needed due to wear of key structural components.

Thursday, October 4

TRAN - IB - Mount Lehman Rd 4-laning project in Abbotsford - Construction under way - Notice that construction has started on the Mount Lehman Rd 4-laning project to widen a section from two lanes to four lanes with new sidewalks and bike lanes. \$27.5 million project, Federal/ Provincial/ Municipal partnership.

TRAN - IB - Sombrio Rest Area now complete & ready for people to visit - Sombrio Rest Area now complete - Advise travellers that the new rest area at the Sombrio lookout has been completed (Part of the suite of Highway 14 safety improvement projects).

Friday, October 5

N/A

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Overarching

- **Our government has made a commitment to make life more affordable for British Columbians, to deliver the services that people count on and to build a strong and innovative economy that works for everyone.**
- **These commitments will guide every decision my ministry makes and every project we deliver as we look to keep people and goods moving in every part of the province.**
- **In my mandate letter from the Premier, I have the following priorities, which I am focused on delivering:**
 - **Lead planning to address the infrastructure needs of rural and urban British Columbia under the government's comprehensive capital infrastructure plan to build a Better B.C. (underway)**
 - **Work with the Minister of Finance to eliminate tolls on the Port Mann and Golden Ears Bridges. (accomplished)**
 - **Accelerate Highway 1 upgrades to the Alberta border. (underway)**
 - **Work with the Minister of Municipal Affairs and Housing to secure federal funding for the Pattullo Bridge replacement and rapid transit in Metro Vancouver as part of implementing the mayor's 10-year plan for transit and transportation. (accomplished)**
 - **Work with B.C. Transit, the federal government, and local governments to fund transit improvements across the province, including improving HandyDART service. (underway)**
 - **Work with B.C. Ferries to freeze and reduce fares, and reinstate the senior's weekday 100% discount, while conducting a comprehensive operating review. (accomplished)**
 - **Ensure that B.C. Ferries procurement practices for new ferries provide for a fair and competitive bidding process that is open to B.C. shipyards. (underway)**
 - **Work with the Minister of Public Safety and Solicitor General to create a fair approach to ride hailing. (underway)**

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***NEW* Old Fort Landslide (near Fort St. John)**

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately 1 kilometre west of the Old Fort community, which is just south of Fort St John. A preliminary field and air assessment has been completed, and landslide specialists are on route. The slide continues to move and it could be several days before it stops. 24-hour traffic control and slide monitoring is in place.

- **We understand that people who live in the Old Fort community are cut off, and we are working around the clock to find a solution – 24-hour traffic control and slide monitoring is in place.**
- **We want to assure the community that we are doing everything possible to open this road as soon as it's safe to do so.**
- **This is an urgent situation for a community that was also ravaged by wildfires this year.**
- **A preliminary field and air assessment has been completed, and landslide specialists have been inspecting the site.**
- **There is no immediate risk to the Old Fort community, however the slide continues to move and it could be several days before it stops.**
- **Old Fort Road has been damaged and the road to the community is closed until the site is safe for crews to start repairs.**
- **The ministry is working with the Peace River Regional District to find suitable access options for the residents in the meantime.**
- **An evacuation order has been issued for the Peace River Lookout and lands directly south and south-east, which includes a gravel operation above the slide.**
- **We will continue to provide updates as more information becomes available.**

If asked, where did the landslide take place?

- The slide took place approximately 1 kilometre west of the Old Fort community, just south of Fort St. John.

If asked, what is the impact to the local community?

- There is no immediate risk to the Old Fort community, however the slide continues to move and it could be several days before it stops.
- Old Fort Road has been damaged, and the road to the community is closed until the site is safe for crews to start repairs.
- An evacuation order has been issued for the Peace River Lookout and lands directly

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south and south-east, which includes a gravel operation above the slide.

If asked, what is the ministry doing to address this issue?

- We are working around the clock to find a solution – 24-hour traffic control and slide monitoring is in place.
- A preliminary field and air assessment has been completed, and landslide specialists have been inspecting the site.
- The ministry is working with the Peace River Regional District to find suitable access options for the residents in the meantime.
- We will continue to provide updates as more information becomes available.

If asked, did Site C construction cause the landslide?

- BC Hydro has informed us that there is no evidence at this time to suggest that the slide is related to Site C or any of the work taking place on that project.
- The slide location is off the dam site, about one kilometre past the Gate B entrance to Site C.

DAILY ISSUES REPORT – October 2, 2018

Broadway Subway

On September 4, 2018, Canada and the Province announced funding under Phase Two of the Mayor's Council Vision and the approval of business cases for the Broadway Subway project and Surrey LRT. Different media outlets have been requesting cost breakdowns and rationale behind the increased total project budget.

- **Working together with Metro Vancouver communities and the federal government, we are investing in transit and transportation infrastructure to get people and goods moving quickly, safely and affordably.**
- **We are committed to funding 40% of capital costs for every phase of the Mayors' Council Vision.**
- **The federal government is also contributing over \$2 billion to Phase Two.**
- **In addition to the Surrey and Broadway rapid transit projects, Phase Two investments include increased bus service to areas like Maple Ridge that are underserved by transit options, better SkyTrain service and 108 new SkyTrain cars.**
- **The investments in the Ten-Year Vision are essential for people throughout the region, especially as Metro Vancouver is expecting over 1 million more residents in the next 25 years.**

If asked about the funding breakdown:

- **The estimated total budget is \$2.83 billion, and the Broadway Subway project will be funded and delivered by the Government of British Columbia, with contributions from the Government of Canada and the City of Vancouver.**
- **For Phase 2, the funding breakdown is:**
 - **Government of British Columbia: \$1.82 billion**
 - **Government of Canada: \$888.4 million**
 - **City of Vancouver: \$99.8 million (in-kind land contribution)**
- **Additional funding of \$17 million was provided toward the full project cost under Phase 1 of the Mayors' Vision plan.**

If asked about increased cost:

- **Since the Mayor's Vision was announced in 2014, cost estimates have risen on the Broadway Subway project from \$2.28 billion to \$2.83 billion due to many factors.**
- **These include higher property values and B.C.'s hot construction market which has placed a high demand on workers and materials, meaning increased labour costs and prices of supplies.**

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Highway 29 Realignment Projects (Site C)

On Tuesday, September 4, BC Hydro released the Highway 29 redesign decision to indigenous groups and property owners. Highway 29 connects Hudson's Hope to Fort St. John and runs along the north side of the Peace River. The creation of the Site C reservoir will require six segments of Highway 29 to be realigned over a total distance of approximately 30 kilometres. The scope of work required to realign these segments includes grading and paving, and bridge construction.

The proposed realignments and corridors, subject to field investigations and advanced design, are as follows:

Cache Creek/Bear Flat Corridor

The Cache Creek/Bear Flat Corridor is located approximately 49 kilometres east of the Hudson's Hope town site and 31 kilometres west of Fort St. John. In this area, the existing highway would be flooded by the reservoir, requiring relocation of approximately 10 kilometres of highway and a bridge to cross Cache Creek.

MOTI and BC Hydro are committed to working with Treaty 8 First Nations and landowners on the redesign of the Highway 29 realignment at Cache Creek/Bear Flat. In January 2018, BC Hydro began engaging with Indigenous groups and landowners to share information and seek feedback on two alignment options. Through the consultation process, a third option was developed, which was selected as the best choice – as it reduces the impact on potential burials sites and areas of cultural value, and meets provincial design and safety requirements. On September 4, 2018, BC Hydro will issue an Info Bulletin and communicate with First Nations and property owners that this option has been selected.

- **The ministry is working closely with BC Hydro to realign six segments of Highway 29, which is required for construction of the Site C reservoir.**
- **These road improvements are important to ensure the safety of both local and industrial traffic on Highway 29.**
- **All realignments are being designed to Ministry of Transportation and Infrastructure approved standards.**
- **The ministry and BC Hydro are committed to working with First Nations and property owners affected by these projects, to gather feedback and decide on the best realignment options.**

If asked, what role does the ministry have with these realignment projects?

- **The ministry is working closely with BC Hydro to ensure all realignments are being designed to Ministry of Transportation and Infrastructure approved standards.**

If asked, how are contracts being awarded for these projects?

DAILY ISSUES REPORT – October 2, 2018

- The procurement approach includes both public tenders and direct awards by BC Hydro to Indigenous businesses. The majority of work will be publicly tendered on BC Bid by the ministry.

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BC Ferries – PT5 Price Cap Review

On Monday, October 1st, BC Ferries must file a PT5 submission (containing detailed financial and service information), a long-term capital plan and a plan as to how the ferry operator intends to provide services more efficiently in the upcoming performance term (referred to as the efficiency plan) with the BC Ferries Commissioner.

As required by the Act, after receiving the information, the Commission will publish it on its website and invite public comments. The Commissioner's preliminary price cap ruling is due March 31, 2019. A re-negotiated service contract between BC Ferries and government is to be provided to the Commissioner by June 30, 2019. The Commissioner's final PT5 price cap decision is due by September 30, 2019.

The start of this process may raise questions about what is happening with government's coastal ferries review.

- **I am aware that BC Ferries has filed information with the BC Ferries Commissioner on potential fare increases for the next four year term starting in 2020 (Performance Term 5).**
- **This process happens every four years – the last one started in 2014 - and is legislated in the Coastal Ferry Act.**
- **The Act requires the Commissioner to make a preliminary decision by March 31, 2019 about potential fare increases for the next four year term.**
- **Doesn't this go against your commitment to make ferry fares more affordable? Can you override the Commissioner's decision?**
- **Government is committed to making sure that life is more affordable for British Columbians, and that includes dealing with ferry fares.**
- **That's why in April, we froze fares on the major ferry routes between Vancouver Island and the mainland, rolled back fares by 15% on BC Ferries' minor and northern routes and reinstated free passenger fares for seniors.**

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- We'll be looking very closely at the ruling the Commissioner puts forward next March. It's too soon to speculate until this takes place.

If asked: What is happening with the Coastal Ferry Review?

- The coastal ferry services review has been completed and I have received Mr. Redlin's report.
- Given the broad nature of the report, government will take the time necessary to fully consider its recommendations. Once the review is complete we will announce next steps government can take to improve the service for people.
- People along the coast deserve to be able to travel affordably and efficiently. The review is an important step to ensure that our coastal ferry system works for the benefit of British Columbians who depend on this critical service.
- We expect this work to be complete and the report to be released to the public later in the year.

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BC Ferries – Northern Sea Wolf

BC Ferries will be releasing an internal update as well as a Service Notice in the coming days letting people know that MV Nimpkish will serve the Mid-Coast Connector (Bella Bella – Bella Coola) route from October 12, 2018 through spring 2019 on the existing schedule. This is a change from their previous plan to deploy the Northern Sea Wolf in the region during that time.

- **I was disappointed to hear that the Northern Sea Wolf won't be in place until next spring.**
- **The previous administration, which cancelled the Discovery Coast Passage route in 2014, asked BC Ferries to acquire a used vessel so that they could begin providing direct sailings between Port Hardy and Bella Coola in the summer, beginning in mid-June of this year.**
- **Unfortunately, the vessel upgrades took longer than expected.**
- **Due to the delay, BC Ferries is using the Northern Adventure to provide the direct sailings between Port Hardy and Bella Coola until October 11th this year.**
- **After October 11th, BC Ferries will be offering free sailings on the Nimpkish for travel between Bella Bella and Bella Coola until next spring.**
- **BC Ferries has announced that it will extend the 2019 peak season. The Northern Sea Wolf will run between Port Hardy and Bella Coola from June 3 to October 10, 2019.**

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Malahat – General

- I understand that people on southern Vancouver Island are tired of talking about solutions for the Malahat. Vancouver Islanders want to see action. And they want to see it now.
- That's why we are investing in the next phase of safety improvements that will also improve the reliability of this narrow corridor.
- Goldstream park is a beautiful natural setting that is vital for salmon spawning - but it presents challenges when it comes to highway infrastructure. We are literally working between a rock and a hard place. There is a mountain on one side and an important salmon spawning ground on the other.
- By starting the design work to build a median barrier through this park – we are saving lives by preventing dangerous head-on collisions. We are also improving the reliability of this highway by taking bold steps to eliminate the types of accidents that lead to lengthy closures and potential environmental concerns from fuel spills.
- But unfortunately, accidents do happen. Sometimes crashes occur due to driver error or sometimes because of unforeseen acts of nature. That's why we are urgently exploring all options for creating a temporary second route when emergencies do occur.
- I've asked my staff to explore the feasibility of a temporary emergency detour to see if we can find a balance between environmental concerns and the need to keep people moving.

Is this just a short-term Band-Aid solution?

- This is about immediate safety, saving people's lives and ending long delays from head-on collisions. We've seen it before when accidents through this corridor lead to fuel spills that cause extensive environmental concerns and cleanup efforts. By adding median barriers, we are decreasing the chances of a head-on collision that could lead to serious injuries and lengthy delays.
- You will also see on BC Bid right now – a request for qualifications for a consultant to look at the entire Malahat corridor and potential long-term solutions.

We will ask the consultant to look at:

- Safety improvements
- Corridor widening
- Capacity improvements
- Intersection improvements
- Why isn't the ministry investing in bypassing Goldstream park altogether?

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- As the Minister of Transportation and Infrastructure – I've asked my staff to look at everything to do with this highway. That includes safety, congestion and potentially a second route.
- We are not ruling anything out over the long-term but we want to keep the momentum going from the Malahat Village Safety Improvement project and continue to invest in median barriers that are proven to save lives.
- We need traffic to be flowing along the Malahat so families can spend more time together, so important goods and services can get up and down Island and so people can make important appointments and travel arrangements. A lengthy delay or detour is not acceptable. That's why we are exploring the viability of temporarily opening up a second route if an accident were to occur.

If asked about detour...

- One of the immediate solutions in front of us is building an emergency detour route in case the highway is closed because an accident. This route would need to go through environmentally sensitive areas along existing logging roads – including bypassing a watershed.
- I've asked my staff to start exploring that detour. But I want to be perfectly clear...this route will not be popular with everyone.
- When it comes to navigating through Goldstream Park we are literally working between a rock and a hard place. There is a mountain on one side and an important salmon spawning ground on the other.
- Still, I've asked my staff to explore the feasibility of this detour to see if we can find a balance between environmental concerns and the need to keep people moving.

If asked why this corridor is important

- The ministry's year-round traffic data shows that on average roughly 25 000 cars travel the Malahat every day. For the busy travel months of July and August - that number jumps to nearly 30 000 cars per day.
- And those numbers continue to climb. The ten-year trend shows that daily traffic on the Malahat over the last decade has increased by nearly 4 thousand cars per day.

Asked about other alternatives

- I know recently there have been discussions about increasing ferry services between Brentwood Bay and Mill Bay. But the reality is that with 25-30 thousand cars traveling the Malahat every day, and the largest vessels within the BC Ferries fleet carrying 300 to 400 cars per trip, increasing the frequency of ferries or size of the boats would do little to solve the overall congestion concerns.

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- There have also been talks about building a bridge. A crossing of that size and length would be a multi-billion-dollar endeavour with environmental and logistical challenges.
- This week I had a great conversation with Sonia Furstenau, Cowichan Valley MLA and someone who also travels this Malahat almost daily. I know Sonia is equally as frustrated with this stretch of highway. We shared a lot of ideas and I look forward to collaborating with my colleague on this file as we move forward.
- There are additional projects we are working on that will help with congestion and delays. We know one of the biggest areas of bottlenecks on Highway 1 is near the Leigh Road interchange. I've asked staff to also look at this area in particular.
- I know intimately that the Malahat is an important major route linking communities across Vancouver Island and we are committed to improving the safety of this corridor for families, residents and all those who rely upon it.

Ridesharing Update - General

On July 19, 2018, Minister Trevena made an announcement regarding government's next steps on bringing ridesharing into B.C. and Dr. Dan Hara presented his review with a technical briefing for media. They followed up with a media QA on the subject and follow up media interviews. The NR announced that the B.C. government is increasing the number of taxis on the streets, while easing the way for other rideshare services to offer services to British Columbians by fall 2019. These first steps in the action plan are intended to improve marketplace conditions for innovative transportation companies.

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Key Messages:

- We recognize the frustrations that people have - particularly in Metro Vancouver. People want more options for getting around efficiently.
- That's why we are taking the first steps in our action plan to bring ridesharing to B.C.
- We acknowledge that it's taking longer than anticipated to create the regulatory structure and insurance that will allow ridesharing companies (such as Uber and Lyft) to enter the B.C. market.
- We share people's frustrations, but we have a responsibility to get things done right.
- Passenger safety is number one. We need to ensure that passengers are transported in safe vehicles with safe drivers who have completed a background check.
- We also have to make sure that the proper insurance is in place, so if there is a crash, the coverage is there.
- We are tabling ridesharing legislation this fall. This will include the changes needed to create ICBC insurance products, tailored for ridesharing companies.
- Also, we are putting 500 more taxis on the streets (300 in Metro Vancouver and 200 to the rest of the province).
- Our approach will modernize the taxi industry and help meet current demand, while opening the door to other vehicles for hire - so people can move around how they want, when they want, safely.
- We expect ridesharing companies to be ready to offer services in B.C. by September 2019. We recognize this is taking longer than anticipated, but again, we have a responsibility to get things done right.

But why is it taking so long?

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- It is frustrating that the previous government did nothing to lay the groundwork.
- We need to change legislation first to deal with various aspects of the industry, including safety.
- We also need to bring forward a legislative change to allow ICBC to develop a flexible product that will work for companies like Uber and Lyft.
- Given the current challenges at ICBC, this product must be developed carefully to ensure the public is not open to risk.
- That new insurance product then has to be approved by the BC Utilities Commission.
- By September 2019, we expect companies to apply to offer services.

Ridesharing – Passenger Transportation Board approval

On September 11th Passenger Transportation Board Chair Catharine Read provided a presentation to UBCM in which taxi modernization was discussed, including that the Board was moving forward with the 3 key Hara initiatives – most importantly, the recommendation to increase the supply of taxis on the road by 15%.

The Board will be posting their report on Wednesday, September 12th and will publish a streamlined application package later in the week, so applicants can apply as of Monday, September 17th.

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This follows a July announcement which indicated the B.C. government is increasing the number of taxis on the streets, while easing the way for other rideshare services to offer services to British Columbians by fall 2019.

These first steps in the action plan are intended to improve marketplace conditions for innovative transportation companies.

Key Messages:

- **I'd like to thank the Board for working with Dr. Hara over the past two months to implement a series of recommended and immediate short-term actions that will help people get around the city more efficiently and better meet consumer demand.**
- **This is the first phase in our ride sharing action plan in delivering more convenience and flexibility so people can move around how they want, when they want, safely.**
- **Existing licensees will be able to apply to the Board to increase the number of vehicles in their fleet by up to 15 percent to mitigate the shortage of cabs in Metro Vancouver and provide some relief for passengers until we get a system in place to allow for ridesharing.**
- **This means 300 more taxis in the Lower Mainland to keep people moving, and approximately 200 more cabs throughout the rest of the province.**
- **We recognize the frustrations that people have - particularly in Metro Vancouver. These first steps will provide immediate relief for passengers while we continue to work toward tabling legislation this fall.**

What do you think of the Board's process for implementing government's recommendations?

- **The Passenger Transportation Board is an independent tribunal and is responsible for approving requests for additional taxi licenses and vehicles before they can operate.**
- **This approval process involves a thorough review with the taxi industry and stakeholders – Dr. Dan Hara has been involved in this process.**

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- We respect the independent nature of the tribunal and appreciate their support of the Hara report and these first steps in the modernization of the taxi industry.

What is the total cost of retaining Dr. Hara?

- The total cost of the contract is valued at \$165,000.
- Dr. Hara's contract was extended until December 31, 2018 by up to \$26,000.

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Community Benefits Agreement

On July 16, 2018, Premier John Horgan and Minister Claire Trevena announced a new, landmark framework for major infrastructure projects in B.C. to deliver good paying jobs, better training and apprenticeships, and more trades opportunities for Indigenous people, women and youth around the province.

Highlights of the agreement include:

- A targeted approach to maximizing apprenticeship opportunities on government projects.
- Focus on priority hiring and training of Indigenous peoples, and women.
- Coordinated access to existing training programs, while identifying and addressing skills gaps.
- Priority hiring for qualified individuals that live within close proximity of the projects.
- Hiring flexibility for contractors.
- Wage alignment to prevailing industry rates to promote good wages for all employees.

Key Messages:

- **When government builds new schools, hospitals and roads, those projects should also generate benefits and opportunity for B.C. workers.**
- **By using a Community Benefits Agreement, also known as a labour agreement, we are opening up employment and training opportunities for people where they live.**
- **Any proponent can bid on these projects, and any person can work on them. It is best when public infrastructure projects are open to all contractors —union or non-union.**
- **This agreement means we will put local people first in line for work – initially within a 100 kilometre radius of the project and then expanding as far as needed to effectively source required labour.**
- **Hiring local people means growing local economies and building thriving communities across the province.**
- **We are increasing the participation of women, Indigenous workers and apprentices to help them support their families and further their career path.**
- **B.C. has a skilled worker shortage, and we need to provide opportunities for apprentices to train the future workforce of the province.**
- **Agreements like this one have a proven track record in both the private and public sector.**

How will this agreement benefit apprentices?

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- Apprenticeship ratios are an important part of the Community Benefits Agreement.
- We worked with industry, employers and others to determine an overall apprentice work-hour ratio of 25% over three years on government-funded construction projects valued at \$15 million or more.
- A ratio based on hours worked will provide more opportunities for people who want to work in the building trades, assist in developing our future workforce and maximize the value of government spending.

Will non-affiliated workers be excluded from the workforce by the labour agreement?

- No. The intent is to provide opportunities to as much of the workforce as possible, and make sure that everyone gets an opportunity to participate in the construction job market, regardless of union affiliation.
- After 30 days on the jobsite, non-union workers will be required to join the union but only for work on the applicable project.

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Community Benefits Agreements – Petition filed

A petition was filed on Monday, August 27th in the B.C. Supreme Court by a group of petitioners including the Independent Contractors and Businesses Association, various construction associations, non-Building Trades Unions and non-Building Trades contractors.

The petition challenges:

- The scope of the Minister's authority under S.3 of the Transportation Act, (which includes the power to enter into contracts). The petitioners assert that the Building Trades only requirement is irrelevant to the statutory purpose and therefore outside the Minister's authority.
- The Building Trades Only Requirement violates Charter protection for free expression, for free association, and against discrimination in public employment. The petitioners assert any infringements of the Charter are not justified as reasonable limits under S.1 of the Charter.
- **Government stands behind the principles of the Community Benefits Agreement (CBA) to deliver good paying jobs, enhanced training, more apprenticeships and more opportunities for Indigenous people, women and youth around the province.**
- **I am aware of the petition filed seeking to stop the use of the full CBA on the new Pattullo Bridge, and its application to other projects.**
- **In anticipation of receiving the filed court documents, a litigation team is being established and preparation for a response is underway.**
- **We will defend the CBA and the right of all workers to benefit from the fair wages and working conditions this agreement sets out.**
- **In the meantime we will continue with the procurement for the new Pattullo Bridge, including the application of the CBA.**

DAILY ISSUES REPORT – October 2, 2018

Greyhound stopping operations in Western Canada

On July 9, 2018, Greyhound Canada announced that it is ending its passenger bus and freight services in Western Canada. This will stop service in Alberta, Saskatchewan and Manitoba, and all but one route in B.C. - a U.S.-run service between Vancouver and Seattle. The changes take place on October 31. This will mean Ontario and Quebec will be the only regions where Greyhound will still run its services. In a statement, Greyhound Canada senior vice-president Stuart Kendrick said: "This decision is regretful and we sympathize with the fact that many small towns are going to lose service." The company says they have experienced a 41 per cent decline in ridership since 2010, and persistent competition from subsidized national and inter-regional passenger transportation services.

Key Messages:

- **The news of Greyhound's full withdrawal from B.C. has understandably resulted in people feeling worried and uncertain about what that means for their everyday lives, and how they will continue getting around safely and affordably.**
- **I share their concern and want people to know that our government hears them and they will not be left stranded without access to transportation.**
- **We are focusing our efforts on finding solutions, and we are working tirelessly to do so. What those solutions will be is not yet known, but I assure you that we will get there.**
- **We are encouraged by the Prime Minister's commitment to work with the affected provinces, indicating that he understands the importance of transportation to a country as diverse and vast as Canada. Along with other provinces, B.C. will urge the federal government to work with Greyhound to extend the notice period, to make sure people have safe and reliable transportation options.**
- **The Province will continue working with our federal and local partners to find a solution that works for people, and that ensures people in B.C. have access to safe, affordable and reliable ground transportation.**

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George Massey Tunnel Replacement Project – Review

An independent technical review of the George Massey crossing, led by professional engineer Stan Cowdell, is now with the Ministry of Transportation and Infrastructure. The Minister and ministry staff will take the summer to analyze this report and consider next steps.

Key Messages:

- **We've heard the concerns raised by Metro Vancouver and many residents about the idea of building a 10-lane bridge to replace the George Massey Tunnel, and the costs associated with such a large project.**
- **Before any more work is done, it's important to explore the options available for this corridor.**
- **As you know, Stan Cowdell, a professional engineer with expertise in major infrastructure projects, led an independent technical review of the options available for the corridor. Mr. Cowdell submitted his report in late June.**
- **The ministry is thoroughly reviewing the report to consider its findings and possible next steps.**
- **I will also discuss the findings with Metro Vancouver and the region's mayors to ensure that any future direction on the tunnel crossing is supported by the people in the region.**

Robb, Katie GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Monday, October 1, 2018 4:14 PM
To: Pope, Danielle GCPE:EX; Bowness, Lianne GCPE:EX
Subject: RE: DIR - Oct. 2

Thanks a bunch!

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
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From: Pope, Danielle GCPE:EX
Sent: Monday, October 1, 2018 4:08 PM
To: Bowness, Lianne GCPE:EX; Robb, Katie GCPE:EX
Subject: DIR - Oct. 2

Katie and Lianne,

Here is the DIR for Oct. 2, with a new section on the Old Fort Road, and a revised proactive.

D

Danielle Pope | Media Relations
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Telephone: 250-356-8241 | Mobile: 778-679-0133
Danielle.Pope@gov.bc.ca

Robb, Katie GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Monday, October 1, 2018 11:47 AM
To: Bowness, Lianne GCPE:EX
Subject: RE: Updated IN - Old Fort Road Landslide

perfect

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
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From: Bowness, Lianne GCPE:EX
Sent: Monday, October 1, 2018 11:40 AM
To: Robb, Katie GCPE:EX
Subject: RE: Updated IN - Old Fort Road Landslide

Yes – he talked with Scott/ Hali this morning just now – it’s the latest

From: Robb, Katie GCPE:EX
Sent: Monday, October 1, 2018 11:39 AM
To: Bowness, Lianne GCPE:EX
Subject: RE: Updated IN - Old Fort Road Landslide

Omg that is so much better! Thanks!

Looks fine – does it include the latest, however, from Scott? The most recent update we had was last night.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
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From: Bowness, Lianne GCPE:EX
Sent: Monday, October 1, 2018 11:38 AM
To: Robb, Katie GCPE:EX
Subject: Updated IN - Old Fort Road Landslide

Hey – Brendan updated the IN using the connect/ contrast/ solve formula – any adjustments before I send up to Min Office? (and share with EMBC – as they have been asking for our note)

Lianne Bowness | Communications Manager

Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Direct: 250-356-7707
Cell: 250-889-1336

Robb, Katie GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Monday, October 1, 2018 9:32 AM
To: Phelps, Brendan GCPE:EX
Cc: Bowness, Lianne GCPE:EX; Pope, Danielle GCPE:EX
Subject: Re: KM document on Old Fort Road landslide

Thank you.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
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M: [250.920.8371](tel:250.920.8371)

On Oct 1, 2018, at 9:31 AM, Phelps, Brendan GCPE:EX <Brendan.Phelps@gov.bc.ca> wrote:

Yup, I'm just waiting to get the most up-to-date inform from the Northern Region/BC Hydro. I was thinking of doing an IN though, and including some key messages/background info – if that's okay?

From: Bowness, Lianne GCPE:EX
Sent: Monday, October 1, 2018 9:29 AM
To: Robb, Katie GCPE:EX
Cc: Phelps, Brendan GCPE:EX; Pope, Danielle GCPE:EX
Subject: KM document on Old Fort Road landslide
FYI Katie– Brendan is working on an updated KM document on the landslide & the impact to residents/roads.
Brendan – possible to have an updated KM doc ready by 11 AM today? (This is to prep the Minister before she goes into the house)
Thanks!

Lianne Bowness | Communications Manager
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
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Bowness, Lianne GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Friday, October 12, 2018 9:34 AM
To: Beale, William TRAN:EX; Bowness, Lianne GCPE:EX; Machell, Aileen GCPE:EX; Papadopoulos, James TRAN:EX; Stone, Lynne TRAN:EX; Trevena, Claire TRAN:EX; Waters, Leah TRAN:EX; Zaharia, Sarah GCPE:EX
Subject: Issues today
Attachments: DIR MOTI October 12 2018.docx

Good morning – here’s our issues report. New updates to Commercial Driver Training.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
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Proactive

Friday, October 12

N/A

DAILY ISSUES REPORT – October 11, 2018

Speed Limit Changes

On October 4, 2018, a study was published in a journal called Sustainability that was led by Vancouver General Hospital emergency room physician Dr. Jeff Brubacher, and co-authors included road safety engineers at the UBC Okanagan campus.

The study suggested that an increase in fatalities, injuries, crashes and insurance claims on some B.C. roads is linked to the 2014 decision by the former provincial government to raise speed limits on rural highways, following the Rural Safety and Speed Review.

Key Messages:

- I have received the UBC study, and I appreciate the work of Dr. Brubacher and his research partners for their contributions to making our highways safer.
- Peoples' safety on our highways is paramount. I, as Minister and my staff are continually looking at ways to make our roads safer for all people who use them. It's an ongoing process and we're always looking to do better.
- As you are aware, the previous government increased speeds on 33 sections of highway, based on results of the 2014 Rural Safety and Speed Review, with a commitment to review the changes after three years.
- Dr. Brubacher's work is timely, as my staff are currently completing analysis on three years' worth of data for the speed limit changes and I will be bringing forward recommendations and potential changes in the coming weeks.
- I won't speculate on what the data/analysis will conclude. But I do commit to making any changes to speed limits and other measures with the lens of making sure our roads are as safe as possible for all people who use them.
- Speed is but one factor in highway crashes and we're making smart investments in better signage, road markings, variable speed systems, more passing lanes and more to make our roads safer. It's important that above all people drive to conditions and stay focused on top of minding their speed.
- We will also collaborate and work with ICBC, the RCMP and RoadSafetyBC before implementing any changes.

DAILY ISSUES REPORT – October 11, 2018

Old Fort Landslide (near Fort St. John)

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately 1 kilometre west of the Old Fort community, which is just south of Fort St John. A preliminary field and air assessment has been completed, and landslide specialists are on route. The slide continues to move and it could be several days before it stops. 24-hour traffic control and slide monitoring is in place.

Key Messages:

- **I recognize that this is an upsetting and uncertain time for people in Old Fort, following the evacuation order.**
- **The safety and well-being of the people in this community is our top priority.**
- **Staff are working around the clock with the Regional District to get people to the Emergency Reception Centre in Fort St. John and start repairs to the road once the slide stops moving so people can go home.**
- **24 hour traffic control is in place and staff are monitoring the slide by air.**
- **The Peace River Regional District is providing frequent updates on their website and Facebook.**
- **This is a very unsettling time for people in Old Fort, and the root cause of the slide remains under investigation.**
- **Crews need to wait until the slide stops moving and the ground stabilizes to start this work.**
- **We will keep the community updated every step of the way as more information becomes available.**

If asked, what is the impact to the local community?

- There is now an evacuation order in effect for all residents in the area – an Emergency Social Services Reception Centre has been activated in Fort St. John at the Pomeroy Sports Centre.
- Old Fort Road has been damaged, and the road to the community is closed until the slide stops moving and the site is safe for crews to start repairs.
- The Peace River Regional District is providing frequent updates:
Website – <https://prrd.bc.ca/>
Facebook – <https://www.facebook.com/OfficialPRRD/>

DAILY ISSUES REPORT – October 11, 2018

If asked, what is the ministry doing to address this issue?

- We are working around the clock to find a solution – 24-hour traffic control is in place and monitoring continues by air.
- Ministry staff are working closely with the Peace River Regional District and geotechnical professionals, and we are exploring possible options for road access to the community.
- We will continue to provide updates as more information becomes available.

If asked, did Site C construction cause the landslide? What is the cause?

- There is no evidence at this time to suggest that the slide is related to Site C or any of the work taking place on that project.
- The slide location is off the dam site, about one kilometre past the Gate B entrance to Site C.
- Engineers have been investigating the cause of the slide, but it hasn't been determined yet and it's too early to speculate.

If asked about the Deasan Holdings gravel pit above the slide site:

- The Ministry of Energy, Mines and Petroleum Resources (EMPR) has been working with Deasan Holdings to deal with the gravel pit.
- Deasan Holdings provided a safe work plan to EMPR, and started to remove the stockpile, however a stop work order was issued due to the evacuation order.
- Work will continue once it's safe, and Deasan Holdings will be required to update EMPR and MOTI throughout the process.
- Engineers have been investigating the cause of the slide, but it hasn't been determined yet and it's too early to speculate.

If asked, was the gravel pit located above Old Fort being used by the Site C project?

- The gravel pit is not part of the Site C project.

DAILY ISSUES REPORT – October 11, 2018

BC Ferries RFEOI 5 C-Class Ships / Shipbuilding

On October 4, 2018 BC Ferries issued a RFEOI (Request for Expressions of Interest) for the procurement of five new vessels to replace aging fleet assets. BC Ferries is currently evaluating the responses from local, national and international shipyards. BC Ferries plans to issue an RFP later in 2018 with the goal of awarding a contract by the end of the year.

Key Messages:

- **I am aware that B.C. Ferries recently released an Expressions of Interest to procure five new major vessels to serve the Lower Mainland – Vancouver Island routes.**
- **We know BC Ferries is in need of more ships in order to improve the reliability of the service for British Columbians.**
- **We also know that building ships in B.C. would bring great benefits to the local economy, and create good-paying jobs for the people in our province – benefits that far outweigh any cost savings gained by building the ships offshore.**
- **The old government’s refusal to build ships here may present capacity challenges for local industry. Although our local shipyards do much of the repair and refit work on existing vessels, I would like to see how we can support and grow B.C. shipyards so they can bid on and compete with international companies on new shipbuilding contracts.**
- **We have conducted a review of the coastal ferry service and one of the areas that Mr. Redlin looked at is BC Ferries’ procurement practices.**
- **I look forward to sharing the results of the review and our next steps to support our local shipbuilding industry later this fall.**

DAILY ISSUES REPORT – October 11, 2018

***NEW* Commercial Driver Training**

In May, 2018 Global TV ran a story which focused on a widow calling for better training for truck drivers after her husband, himself a commercial driver, was killed in a collision with a tractor-trailer. The Global story also included comment from the BC Trucking Association calling for increased safety standards and mandatory entry-level training for commercial drivers.

On October 12, CBC published the following story on the shortcomings of driver training in Manitoba compared to Ontario: <https://www.cbc.ca/news/business/marketplace-truck-drivers-training-testing-1.4858940>

Key Messages:

- **I understand there has rightfully been heightened scrutiny on commercial driver training not only in B.C., but across Canada in the wake of tragedies like the Humboldt crash earlier this year.**
- **People’s safety on our highways is my top priority as Minister. We are continually looking at various different approaches to help make our highways and roads safer for everyone.**
- **Although commercial driver applicants (Class 1) already undergo robust testing, mandatory air brake training, and driver record screening prior to being issued a licence, ICBC is reviewing commercial driver training to see where B.C. can make and implement improvements.**
- **ICBC is exploring a number of different educational and training options, including the recently-introduced driver programs in Ontario and Alberta, as well as in the U.S.**
- **We will be watching ICBC’s review closely to see where we can improve commercial driver training and testing, to make it more robust.**
- **We are also working closely with other provinces and jurisdictions, to discuss best practices in the area of driver training and testing.**
- **Our number one goal is to increase safety on our roadways, and this is always top of mind.**

High speed rail – Washington State/B.C.

The Washington State government wants to examine the concept of an ultra-high-speed corridor connecting Vancouver – Seattle – Portland in greater detail with an in-depth business case analysis. The B.C. government did not contribute funding to those studies, but the Province had representatives on an advisory panel from the Intergovernmental Relations Secretariat and the Ministry of Transportation and Infrastructure.

Key Messages:

- **Our government is very interested in exploring clean and efficient transportation solutions that improve travel and tourism, expand economic opportunity and strengthen trade relations with our U.S. partners.**
- **In March 2018, Premier Horgan announced our government’s contribution of \$300,000 towards an in-depth study – to be led by the state of Washington – into the feasibility of an ultra-high-speed corridor between Vancouver, Seattle, Portland and beyond.**
- **On October 10, Premier Horgan and Governor Inslee continued their bi-lateral discussions and signed an MOU which identifies numerous areas of collaboration – ways in which we can continue our work together on this idea.**
- **This includes exploring the possibility of a new multi-jurisdictional Ultra High Speed Rail Corridor authority that could help lead the project in any agreed-upon subsequent phases.**
- **We support the work Governor Inslee is doing on the feasibility of a Vancouver-Seattle-Portland ultra-high-speed corridor and will continue to be a part of the discussions with Washington State on the future potential of this service.**
- **The Washington state legislature has approved up to \$1.2 million US for this study, to be completed by June 2019.**

DAILY ISSUES REPORT – October 11, 2018

Malahat – General

Key Messages:

- I understand that people on southern Vancouver Island are tired of talking about solutions for the Malahat. Vancouver Islanders want to see action. And they want to see it now.
- That's why we are investing in the next phase of safety improvements that will also improve the reliability of this narrow corridor.
- Goldstream park is a beautiful natural setting that is vital for salmon spawning - but it presents challenges when it comes to highway infrastructure. We are literally working between a rock and a hard place. There is a mountain on one side and an important salmon spawning ground on the other.
- By starting the design work to build a median barrier through this park – we are saving lives by preventing dangerous head-on collisions. We are also improving the reliability of this highway by taking bold steps to eliminate the types of accidents that lead to lengthy closures and potential environmental concerns from fuel spills.
- But unfortunately, accidents do happen. Sometimes crashes occur due to driver error or sometimes because of unforeseen acts of nature. That's why we are urgently exploring all options for creating a temporary second route when emergencies do occur.
- I've asked my staff to explore the feasibility of a temporary emergency detour to see if we can find a balance between environmental concerns and the need to keep people moving.

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Patterson Pass (Malahat)

A resident near the newly completed construction zone on the Malahat has written to the ministry asking for the government to consider naming this section of the Malahat “Patterson Pass” in tribute to late fire chief Rob Patterson, for his advocacy in safety improvements on the Malahat.

Some local media are referring to this as a movement – the ministry can confirm it has received one request from a single individual suggesting renaming a stretch of Highway 1 to “Patterson pass.”

Key Messages:

- **Chief Patterson dedicated his professional career to selflessly helping others around Highway 1 and the Malahat village.**
- **He was an important and crucial voice for advocating for safety on the Malahat through installing median barriers and increased enforcement.**
- **His legacy is evident through the continued safety improvements along this corridor.**
- **The ministry can confirm it has received one request from a single individual suggesting renaming a stretch of Highway 1 to “Patterson Pass.”**
- **The minister is currently directing staff to look into ways to honour Chief Patterson and the important role he played in making this highway safer.**
- **The ministry expects to share more information on this in the coming months.**

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Ridesharing Update - General

On July 19, 2018, Minister Trevena made an announcement regarding government's next steps on bringing ridesharing into B.C. and Dr. Dan Hara presented his review with a technical briefing for media. They followed up with a media QA on the subject and follow up media interviews. The NR announced that the B.C. government is increasing the number of taxis on the streets, while easing the way for other rideshare services to offer services to British Columbians by fall 2019. These first steps in the action plan are intended to improve marketplace conditions for innovative transportation companies.

Key Messages:

- **We recognize the frustrations that people have - particularly in Metro Vancouver. People want more options for getting around efficiently.**
- **That's why we are taking the first steps in our action plan to bring ridesharing to B.C.**
- **We acknowledge that it's taking longer than anticipated to create the regulatory structure and insurance that will allow ridesharing companies (such as Uber and Lyft) to enter the B.C. market.**
- **We share people's frustrations, but we have a responsibility to get things done right.**
- **Passenger safety is number one. We need to ensure that passengers are transported in safe vehicles with safe drivers who have completed a background check.**
- **We also have to make sure that the proper insurance is in place, so if there is a crash, the coverage is there.**
- **We are tabling ridesharing legislation this fall. This will include the changes needed to create ICBC insurance products, tailored for ridesharing companies.**
- **Also, we are putting 500 more taxis on the streets (300 in Metro Vancouver and 200 to the rest of the province).**
- **Our approach will modernize the taxi industry and help meet current demand, while opening the door to other vehicles for hire - so people can move around how they want, when they want, safely.**
- **We expect ridesharing companies to be ready to offer services in B.C. by September 2019. We recognize this is taking longer than anticipated, but again, we have a responsibility to get things done right.**

DAILY ISSUES REPORT – October 11, 2018

Ridesharing – Passenger Transportation Board approval

On September 11th Passenger Transportation Board Chair Catharine Read provided a presentation to UBCM in which taxi modernization was discussed, including that the Board was moving forward with the 3 key Hara initiatives – most importantly, the recommendation to increase the supply of taxis on the road by 15%.

Applications have been open since September 17th.

Key Messages:

- I'd like to thank the Board for working with Dr. Hara over the past two months to implement a series of recommended and immediate short-term actions that will help people get around the city more efficiently and better meet consumer demand.
- This is the first phase in our ride sharing action plan in delivering more convenience and flexibility so people can move around how they want, when they want, safely.
- Existing licensees will be able to apply to the Board to increase the number of vehicles in their fleet by up to 15 percent to mitigate the shortage of cabs in Metro Vancouver and provide some relief for passengers until we get a system in place to allow for ridesharing.
- This means 300 more taxis in the Lower Mainland to keep people moving, and approximately 200 more cabs throughout the rest of the province.
- We recognize the frustrations that people have - particularly in Metro Vancouver. These first steps will provide immediate relief for passengers while we continue to work toward tabling legislation this fall.

What do you think of the Board's process for implementing government's recommendations?

- The Passenger Transportation Board is an independent tribunal and is responsible for approving requests for additional taxi licenses and vehicles before they can operate.
- This approval process involves a thorough review with the taxi industry and stakeholders – Dr. Dan Hara has been involved in this process.
- We respect the independent nature of the tribunal and appreciate their support of the Hara report and these first steps in the modernization of the taxi industry.

What is the total cost of retaining Dr. Hara?

- The total cost of the contract is valued at \$165,000.
- Dr. Hara's contract was extended until December 31, 2018 by up to \$26,000.

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Community Benefits Agreements

On July 16, 2018, Premier John Horgan and Minister Claire Trevena announced a new, landmark framework for major infrastructure projects in B.C. to deliver good paying jobs, better training and apprenticeships, and more trades opportunities for Indigenous people, women and youth around the province.

Key Messages:

- **When we build a project like the Pattullo Bridge or four-lane sections of the Trans-Canada Highway we want the people of B.C. –and those who live near these projects - to be the first to benefit.**
- **Community Benefit Agreements provide good-paying jobs, better training and apprenticeships, and better opportunities for Indigenous people, women and youth so local people stand to gain the most from public infrastructure spending.**
- **Workers on these projects will have the assurance of knowing where their next paycheque is coming from.**
- **They will have a secure, better paying job and more money in their pockets.**
- **It also helps employers who say they can't find enough workers with a looming skills shortage. 75% of companies surveyed last fall said there are not enough qualified trade workers like pipefitters, plumbers or electricians.**
- **With 60,000 job openings over the next ten years – almost all retiring workers – government is poised to train the next generation through a Community Benefits approach.**
- **This agreement also protects against expensive overruns that we've seen in the past under the previous government's lowest-bid model, leaving taxpayers on the hook.**
- **We're not just investing in roads, bridges and other infrastructure, we're investing in good jobs and new opportunities for people - building up B.C. with the next generation of construction workers.**

DAILY ISSUES REPORT – October 11, 2018

Community Benefits Agreements – Petition filed

A petition was filed on Monday, August 27th in the B.C. Supreme Court by a group of petitioners including the Independent Contractors and Businesses Association, various construction associations, non-Building Trades Unions and non-Building Trades contractors.

The petition challenges:

- The scope of the Minister's authority under S.3 of the Transportation Act, (which includes the power to enter into contracts). The petitioners assert that the Building Trades only requirement is irrelevant to the statutory purpose and therefore outside the Minister's authority.
- The Building Trades Only Requirement violates Charter protection for free expression, for free association, and against discrimination in public employment. The petitioners assert any infringements of the Charter are not justified as reasonable limits under S.1 of the Charter.

Key Messages:

- **Government stands behind the principles of the Community Benefits Agreement (CBA) to deliver good paying jobs, enhanced training, more apprenticeships and more opportunities for Indigenous people, women and youth around the province.**
- **I am aware of the petition filed seeking to stop the use of the full CBA on the new Pattullo Bridge, and its application to other projects.**
- **In anticipation of receiving the filed court documents, a litigation team is being established and preparation for a response is underway.**
- **We will defend the CBA and the right of all workers to benefit from the fair wages and working conditions this agreement sets out.**
- **In the meantime we will continue with the procurement for the new Pattullo Bridge, including the application of the CBA.**

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Greyhound stopping operations in Western Canada

On July 9, 2018, Greyhound Canada announced that it is ending its passenger bus and freight services in Western Canada. This will stop service in Alberta, Saskatchewan and Manitoba, and all but one route in B.C. - a U.S.-run service between Vancouver and Seattle. The changes take place on October 31. This will mean Ontario and Quebec will be the only regions where Greyhound will still run its services. In a statement, Greyhound Canada senior vice-president Stuart Kendrick said: "This decision is regretful and we sympathize with the fact that many small towns are going to lose service." The company says they have experienced a 41 per cent decline in ridership since 2010, and persistent competition from subsidized national and inter-regional passenger transportation services.

Key Messages:

- **The news of Greyhound's full withdrawal from B.C. has understandably resulted in people feeling worried and uncertain about what that means for their everyday lives, and how they will continue getting around safely and affordably.**
- **I share their concern and want people to know that our government hears them and they will not be left stranded without access to transportation.**
- **We are focusing our efforts on finding solutions, and we are working tirelessly to do so. What those solutions will be is not yet known, but I assure you that we will get there.**
- **We are encouraged by the Prime Minister's commitment to work with the affected provinces, indicating that he understands the importance of transportation to a country as diverse and vast as Canada. Along with other provinces, B.C. will urge the federal government to work with Greyhound to extend the notice period, to make sure people have safe and reliable transportation options.**
- **The Province will continue working with our federal and local partners to find a solution that works for people, and that ensures people in B.C. have access to safe, affordable and reliable ground transportation.**

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George Massey Tunnel Replacement Project – Review

An independent technical review of the George Massey crossing, led by professional engineer Stan Cowdell, is now with the Ministry of Transportation and Infrastructure. The Minister and ministry staff will take the summer to analyze this report and consider next steps.

Key Messages:

- **We've heard the concerns raised by Metro Vancouver and many residents about the idea of building a 10-lane bridge to replace the George Massey Tunnel, and the costs associated with such a large project.**
- **Before any more work is done, it's important to explore the options available for this corridor.**
- **As you know, Stan Cowdell, a professional engineer with expertise in major infrastructure projects, led an independent technical review of the options available for the corridor. Mr. Cowdell submitted his report in late June.**
- **The ministry is thoroughly reviewing the report to consider its findings and possible next steps.**
- **I will also discuss the findings with Metro Vancouver and the region's mayors to ensure that any future direction on the tunnel crossing is supported by the people in the region.**

Bowness, Lianne GCPE:EX

From: Phelps, Brendan GCPE:EX
Sent: Thursday, October 11, 2018 3:49 PM
To: Bowness, Lianne GCPE:EX
Subject: Friday

Hey, s.22

FYI – Scott Maxwell is the go-to person for Old Fort landslide stuff tomorrow/this weekend s.22
s.22

Thanks

Brendan Phelps | Public Affairs Officer
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Office: 250 387-8619 | Mobile: 250 888-3402 | E: brendan.phelps@gov.bc.ca

Bowness, Lisanne GCPE:EX

From: Pope, Danielle GCPE:EX
Sent: Wednesday, October 10, 2018 4:35 PM
To: Robb, Katie GCPE:EX; Bowness, Lisanne GCPE:EX
Subject: DIR - Oct. 11
Attachments: DIR MOTI October 11 2018.docx

Hi Katie and Lisanne,

Here is the DIR for Oct. 11. New sections on Rural Safety and Speed Review, and High speed rail, as well as updated sections on Old Fort Road and proactive.

Thanks,
Danielle

Danielle Pope | Media Relations
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Telephone: 250-356-8241 | Mobile: 778-679-0133
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Proactive

Thursday, October 11

TRAN - EVENT and NR - Western Trade Corridors Roundtable - Conference/NR: Minister Trevena, and Minister Ralston will attend this event in Vancouver. This is a half-day session for major stakeholders. Main topics: Trade with Asia, and how B.C. is well positioned to take advantage of trade opportunities, connecting communities.

Friday, October 12

N/A

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***NEW* Rural Safety and Speed Review**

On October 4, 2018, a study was published in a journal called Sustainability that was led by Vancouver General Hospital emergency room physician Dr. Jeff Brubacher, and co-authors included road safety engineers at the UBC Okanagan campus.

The study suggested that an increase in fatalities, injuries, crashes and insurance claims on some B.C. roads is linked to the 2014 decision by the former provincial government to raise speed limits on rural highways, following the Rural Safety and Speed Review.

Key Messages:

- **I have received the UBC study, and I appreciate the work of Dr. Brubacher and his research partners for their contributions to making our highways safer.**
- **Peoples' safety on our highways is paramount. I, as Minister and my staff are continually looking at ways to make our roads safer for all people who use them. It's an ongoing process and we're always looking to do better.**
- **As you are aware, the previous government increased speeds on 33 sections of highway, based on results of the 2014 Rural Safety and Speed Review, with a commitment to review the changes after three years.**
- **Dr. Brubacher's work is timely, as my staff are currently completing analysis on three years' worth of data for the speed limit changes and I will be bringing forward recommendations and potential changes in the coming weeks.**
- **I won't speculate on what the data/analysis will conclude. But I do commit to making any changes to speed limits and other measures with the lens of making sure our roads are as safe as possible for all people who use them.**
- **We need to strike the balance between rural communities' needs and safety, and all options are on the table for the 33 sections under review where speed limits were raised, including rolling those back where appropriate.**
- **We will also collaborate and work with ICBC, the RCMP and RoadSafetyBC before implementing any changes.**

If asked: Does the ministry believe these speed increases were effective?

- **In 2016, based on one year's worth of data, 19 of the 33 segments where speed limits were increased showed a reduction or no change in collision rates.**
- **On the 14 sections where collision rates increased, the ministry implemented the following safety measures:**

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- Improved road markings
- Better signage
- New rumble strips
- Variable speed signs
- Wildlife safety measures
- On 14 of the 33 segments, the 85th percentile (or average speed) stayed the same.
- It's also important to note that there are many different factors that can lead to a crash, and speed is only one of them.
- Distracted driving, road conditions, and driving too fast for conditions contributed to 54% of serious crashes where speed limits changed.

If asked: Was the speed limit increased on the Malahat with this review?

- No. The speed limit on the Malahat was not altered as part of the Rural Safety and Speed Review.
- Three small sections of Highway 1 on Vancouver Island were increased from 80 km/h to 90 km/h, between Cowichan Bay and Nanaimo.
- These sections total 9.4 kilometres of Highway 1, all of which have four lanes of traffic and concrete dividers.

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***UPDATED* Old Fort Landslide (near Fort St. John)**

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately 1 kilometre west of the Old Fort community, which is just south of Fort St John. A preliminary field and air assessment has been completed, and landslide specialists are on route. The slide continues to move and it could be several days before it stops. 24-hour traffic control and slide monitoring is in place.

Key Messages:

- **I recognize that this is an upsetting and uncertain time for people in Old Fort, following the evacuation order.**
- **The safety and well-being of the people in this community is our top priority.**
- **Staff are working around the clock with the Regional District to get people to the Emergency Reception Centre in Fort St. John and start repairs to the road once the slide stops moving so people can go home.**
- **24 hour traffic control is in place and staff are monitoring the slide by air.**
- **The Peace River Regional District is providing frequent updates on their website and Facebook.**
- **This is a very unsettling time for people in Old Fort, and the root cause of the slide remains under investigation.**
- **Crews need to wait until the slide stops moving and the ground stabilizes to start this work.**
- **We will keep the community updated every step of the way as more information becomes available.**

If asked, what is the impact to the local community?

- There is now an evacuation order in effect for all residents in the area – an Emergency Social Services Reception Centre has been activated in Fort St. John at the Pomeroy Sports Centre.
- Old Fort Road has been damaged, and the road to the community is closed until the slide stops moving and the site is safe for crews to start repairs.
- The Peace River Regional District is providing frequent updates:
Website – <https://prrd.bc.ca/>
Facebook – <https://www.facebook.com/OfficialPRRD/>

If asked, what is the ministry doing to address this issue?

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- We are working around the clock to find a solution – 24-hour traffic control is in place and monitoring continues by air.
- Ministry staff are working closely with the Peace River Regional District and geotechnical professionals, and we are exploring possible options for road access to the community.
- We will continue to provide updates as more information becomes available.

If asked, did Site C construction cause the landslide? What is the cause?

- There is no evidence at this time to suggest that the slide is related to Site C or any of the work taking place on that project.
- The slide location is off the dam site, about one kilometre past the Gate B entrance to Site C.
- Engineers have been investigating the cause of the slide, but it hasn't been determined yet and it's too early to speculate.

If asked about the Deasan Holdings gravel pit above the slide site:

- The Ministry of Energy, Mines and Petroleum Resources (EMPR) has been working with Deasan Holdings to deal with the gravel pit.
- Deasan Holdings provided a safe work plan to EMPR, and started to remove the stockpile, however a stop work order was issued due to the evacuation order.
- Work will continue once it's safe, and Deasan Holdings will be required to update EMPR and MOTI throughout the process.
- Engineers have been investigating the cause of the slide, but it hasn't been determined yet and it's too early to speculate.

If asked, was the gravel pit located above Old Fort being used by the Site C project?

- The gravel pit is not part of the Site C project.

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Tent Cities – Goldstream Park and Maple Ridge

Goldstream Park: (KMs from MAH)

Key Messages:

- Shelter has been offered to all homeless campers that were staying at Goldstream Provincial Park. It is our understanding that at least 10 people have been housed or sheltered since the camp first started at Regina Park. And there is still some shelter space available for those in need.
- The campers began to depart from Goldstream on Monday and the move continued on Tuesday, with everyone now moved out of the park.
- BC Housing has connected with multiple shelters throughout Victoria who are prepared to take in new clients, including: Rock Bay Landing, Sandy Merriman Shelter, Victoria Native Friendship Centre and Arbutus Shelter.
- BC Housing and outreach staff are continuing to work with campers to match them with the right housing for their individual needs. Ultimately, our goal is to ensure the safety of everyone involved.

Maple Ridge:

*Note MAH and the City of Maple Ridge are the lead on this file

Currently, there are approximately 70 campers in the Anita Place camp located between the Haney Bypass and St. Anne Avenue in Maple Ridge. This camp has existed since May 2017. The Ministry of Transportation and Infrastructure (MOTI) owns 2 parcels of the land (comprising approximately half of the encampment site) and licenses them to the municipality to use as a park. Maple Ridge owns the third parcel.

MAH is currently installing temporary housing in Maple Ridge to accommodate about half of the campers and an opening ceremony will be held October 12. They are working with the remaining campers to find alternate solutions.

On September 24, 2018, the Fire Commissioner served an order under the Fire Services Act. Maple Ridge parks staff are attempting to clean the site to comply with the order. The Fire Chief has also now issued inspection orders and more work will be undertaken by the City on October 4, 2018.

MOTI staff have been on site to observe and to provide support to Maple Ridge in the clean-up efforts. Under the terms of the License with Maple Ridge, the municipality is compelled to enforce all by-laws, keep the lands clean and sanitary, and enforce any orders. Last week MOTI installed “No Trespassing” signs on all BCTFA properties in

DAILY ISSUES REPORT – October 11, 2018

the surrounding area and cleaned potentially hazardous refuse from the highway lands adjacent to the encampment. (With sensitivity towards the campers, signs were not installed directly within the Anita Place camp. MOTI and Maple Ridge are also holding off issuing any notices until temporary housing is available for the campers.)

The campers have launched appeals against both the Province and the City.

Key Messages:

- **People's health and safety is our first priority.**
- **Ministries of Transportation and Housing staff are working closely with Maple Ridge to address concerns about the safety of those in the camp, its neighbours, and people traveling on provincial highway right of way.**
- **For too long, the challenges for people who are homeless in Maple Ridge have not been addressed.**
- **Our government is taking a new approach.**
- **We are working to provide a full spectrum of housing options and supports to help people in Maple Ridge who are struggling with homelessness and those living in unsafe conditions.**
- **We need to get people living without shelter and supports at the Anita Place camp and elsewhere in Maple Ridge into secure housing where they can begin the transition to more permanent housing, which in turn helps the broader community.**
- **We have seen numerous supportive housing projects open successfully across the province, bringing benefits to both the community and the residents and we hope to see that success continue in Maple Ridge.**

If asked about the land where campers are set up:

- The camp is on land owned by the City of Maple Ridge and the Province.
- The Ministry of Transportation and Infrastructure owns 2 of the 3 parcels, which are licensed to the municipality for use as a park.

DAILY ISSUES REPORT – October 11, 2018

BC Ferries RFEOI 5 C-Class Ships / Shipbuilding

On October 4, 2018 BC Ferries issued a RFEOI (Request for Expressions of Interest) for the procurement of five new vessels to replace aging fleet assets. BC Ferries is currently evaluating the responses from local, national and international shipyards. BC Ferries plans to issue an RFP later in 2018 with the goal of awarding a contract by the end of the year.

Key Messages:

- **I am aware that B.C. Ferries recently released an Expressions of Interest to procure five new major vessels to serve the Lower Mainland – Vancouver Island routes.**
- **We know BC Ferries is in need of more ships in order to improve the reliability of the service for British Columbians.**
- **We also know that building ships in B.C. would bring great benefits to the local economy, and create good-paying jobs for the people in our province – benefits that far outweigh any cost savings gained by building the ships offshore.**
- **The old government’s refusal to build ships here may present capacity challenges for local industry. Although our local shipyards do much of the repair and refit work on existing vessels, I would like to see how we can support and grow B.C. shipyards so they can bid on and compete with international companies on new shipbuilding contracts.**
- **We have conducted a review of the coastal ferry service and one of the areas that Mr. Redlin looked at is BC Ferries’ procurement practices.**
- **I look forward to sharing the results of the review and our next steps to support our local shipbuilding industry later this fall.**

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BC Ferries – Northern Sea Wolf

BC Ferries will be releasing an internal update as well as a Service Notice in the coming days letting people know that MV Nimpkish will serve the Mid-Coast Connector (Bella Bella – Bella Coola) route from October 12, 2018 through spring 2019 on the existing schedule. This is a change from their previous plan to deploy the Northern Sea Wolf in the region during that time.

Key Messages:

- I was disappointed to hear that the Northern Sea Wolf won't be in place until next spring.
- The previous administration, which cancelled the Discovery Coast Passage route in 2014, asked BC Ferries to acquire a used vessel so that they could begin providing direct sailings between Port Hardy and Bella Coola in the summer, beginning in mid-June of this year.
- Unfortunately, the vessel upgrades took longer than expected.
- Due to the delay, BC Ferries is using the Northern Adventure to provide the direct sailings between Port Hardy and Bella Coola until October 11th this year.
- After October 11th, BC Ferries will be offering free sailings on the Nimpkish for travel between Bella Bella and Bella Coola until next spring.
- BC Ferries has announced that it will extend the 2019 peak season. The Northern Sea Wolf will run between Port Hardy and Bella Coola from June 3 to October 10, 2019.

DAILY ISSUES REPORT – October 11, 2018

***NEW* High speed rail – Washington State/B.C.**

The Washington State government wants to examine the concept of an ultra-high-speed corridor connecting Vancouver – Seattle – Portland in greater detail with an in-depth business case analysis. The B.C. government did not contribute funding to those studies, but the Province had representatives on an advisory panel from the Intergovernmental Relations Secretariat and the Ministry of Transportation and Infrastructure.

Key Messages:

- **Our government is very interested in exploring clean and efficient transportation solutions that improve travel and tourism, expand economic opportunity and strengthen trade relations with our U.S. partners.**
- **In March 2018, Premier Horgan announced our government’s contribution of \$300,000 towards an in-depth study – to be led by the state of Washington – into the feasibility of an ultra-high-speed corridor between Vancouver, Seattle, Portland and beyond.**
- **On October 10, Premier Horgan and Governor Inslee continued their bi-lateral discussions and signed an MOU which identifies numerous areas of collaboration – ways in which we can continue our work together on this idea.**
- **This includes exploring the possibility of a new multi-jurisdictional Ultra High Speed Rail Corridor authority that could help lead the project in any agreed-upon subsequent phases.**
- **We support the work Governor Inslee is doing on the feasibility of a Vancouver-Seattle-Portland ultra-high-speed corridor and will continue to be a part of the discussions with Washington State on the future potential of this service.**
- **The Washington state legislature has approved up to \$1.2 million US for this study, to be completed by June 2019.**

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Malahat – General

Key Messages:

- I understand that people on southern Vancouver Island are tired of talking about solutions for the Malahat. Vancouver Islanders want to see action. And they want to see it now.
- That's why we are investing in the next phase of safety improvements that will also improve the reliability of this narrow corridor.
- Goldstream park is a beautiful natural setting that is vital for salmon spawning - but it presents challenges when it comes to highway infrastructure. We are literally working between a rock and a hard place. There is a mountain on one side and an important salmon spawning ground on the other.
- By starting the design work to build a median barrier through this park – we are saving lives by preventing dangerous head-on collisions. We are also improving the reliability of this highway by taking bold steps to eliminate the types of accidents that lead to lengthy closures and potential environmental concerns from fuel spills.
- But unfortunately, accidents do happen. Sometimes crashes occur due to driver error or sometimes because of unforeseen acts of nature. That's why we are urgently exploring all options for creating a temporary second route when emergencies do occur.
- I've asked my staff to explore the feasibility of a temporary emergency detour to see if we can find a balance between environmental concerns and the need to keep people moving.

DAILY ISSUES REPORT – October 11, 2018

Patterson Pass (Malahat)

A resident near the newly completed construction zone on the Malahat has written to the ministry asking for the government to consider naming this section of the Malahat “Patterson Pass” in tribute to late fire chief Rob Patterson, for his advocacy in safety improvements on the Malahat.

Some local media are referring to this as a movement – the ministry can confirm it has received one request from a single individual suggesting renaming a stretch of Highway 1 to “Patterson pass.”

Key Messages:

- **Chief Patterson dedicated his professional career to selflessly helping others around Highway 1 and the Malahat village.**
- **He was an important and crucial voice for advocating for safety on the Malahat through installing median barriers and increased enforcement.**
- **His legacy is evident through the continued safety improvements along this corridor.**
- **The ministry can confirm it has received one request from a single individual suggesting renaming a stretch of Highway 1 to “Patterson Pass.”**
- **The minister is currently directing staff to look into ways to honour Chief Patterson and the important role he played in making this highway safer.**
- **The ministry expects to share more information on this in the coming months.**

DAILY ISSUES REPORT – October 11, 2018

Ridesharing Update - General

On July 19, 2018, Minister Trevena made an announcement regarding government's next steps on bringing ridesharing into B.C. and Dr. Dan Hara presented his review with a technical briefing for media. They followed up with a media QA on the subject and follow up media interviews. The NR announced that the B.C. government is increasing the number of taxis on the streets, while easing the way for other rideshare services to offer services to British Columbians by fall 2019. These first steps in the action plan are intended to improve marketplace conditions for innovative transportation companies.

Key Messages:

- **We recognize the frustrations that people have - particularly in Metro Vancouver. People want more options for getting around efficiently.**
- **That's why we are taking the first steps in our action plan to bring ridesharing to B.C.**
- **We acknowledge that it's taking longer than anticipated to create the regulatory structure and insurance that will allow ridesharing companies (such as Uber and Lyft) to enter the B.C. market.**
- **We share people's frustrations, but we have a responsibility to get things done right.**
- **Passenger safety is number one. We need to ensure that passengers are transported in safe vehicles with safe drivers who have completed a background check.**
- **We also have to make sure that the proper insurance is in place, so if there is a crash, the coverage is there.**
- **We are tabling ridesharing legislation this fall. This will include the changes needed to create ICBC insurance products, tailored for ridesharing companies.**
- **Also, we are putting 500 more taxis on the streets (300 in Metro Vancouver and 200 to the rest of the province).**
- **Our approach will modernize the taxi industry and help meet current demand, while opening the door to other vehicles for hire - so people can move around how they want, when they want, safely.**
- **We expect ridesharing companies to be ready to offer services in B.C. by September 2019. We recognize this is taking longer than anticipated, but again, we have a responsibility to get things done right.**

DAILY ISSUES REPORT – October 11, 2018

Ridesharing – Passenger Transportation Board approval

On September 11th Passenger Transportation Board Chair Catharine Read provided a presentation to UBCM in which taxi modernization was discussed, including that the Board was moving forward with the 3 key Hara initiatives – most importantly, the recommendation to increase the supply of taxis on the road by 15%.

Applications have been open since September 17th.

Key Messages:

- I'd like to thank the Board for working with Dr. Hara over the past two months to implement a series of recommended and immediate short-term actions that will help people get around the city more efficiently and better meet consumer demand.
- This is the first phase in our ride sharing action plan in delivering more convenience and flexibility so people can move around how they want, when they want, safely.
- Existing licensees will be able to apply to the Board to increase the number of vehicles in their fleet by up to 15 percent to mitigate the shortage of cabs in Metro Vancouver and provide some relief for passengers until we get a system in place to allow for ridesharing.
- This means 300 more taxis in the Lower Mainland to keep people moving, and approximately 200 more cabs throughout the rest of the province.
- We recognize the frustrations that people have - particularly in Metro Vancouver. These first steps will provide immediate relief for passengers while we continue to work toward tabling legislation this fall.

What do you think of the Board's process for implementing government's recommendations?

- The Passenger Transportation Board is an independent tribunal and is responsible for approving requests for additional taxi licenses and vehicles before they can operate.
- This approval process involves a thorough review with the taxi industry and stakeholders – Dr. Dan Hara has been involved in this process.
- We respect the independent nature of the tribunal and appreciate their support of the Hara report and these first steps in the modernization of the taxi industry.

What is the total cost of retaining Dr. Hara?

- The total cost of the contract is valued at \$165,000.
- Dr. Hara's contract was extended until December 31, 2018 by up to \$26,000.

DAILY ISSUES REPORT – October 11, 2018

Community Benefits Agreements

On July 16, 2018, Premier John Horgan and Minister Claire Trevena announced a new, landmark framework for major infrastructure projects in B.C. to deliver good paying jobs, better training and apprenticeships, and more trades opportunities for Indigenous people, women and youth around the province.

Key Messages:

- **When we build a project like the Pattullo Bridge or four-lane sections of the Trans-Canada Highway we want the people of B.C. –and those who live near these projects - to be the first to benefit.**
- **Community Benefit Agreements provide good-paying jobs, better training and apprenticeships, and better opportunities for Indigenous people, women and youth so local people stand to gain the most from public infrastructure spending.**
- **Workers on these projects will have the assurance of knowing where their next paycheque is coming from.**
- **They will have a secure, better paying job and more money in their pockets.**
- **It also helps employers who say they can't find enough workers with a looming skills shortage. 75% of companies surveyed last fall said there are not enough qualified trade workers like pipefitters, plumbers or electricians.**
- **With 60,000 job openings over the next ten years – almost all retiring workers – government is poised to train the next generation through a Community Benefits approach.**
- **This agreement also protects against expensive overruns that we've seen in the past under the previous government's lowest-bid model, leaving taxpayers on the hook.**
- **We're not just investing in roads, bridges and other infrastructure, we're investing in good jobs and new opportunities for people - building up B.C. with the next generation of construction workers.**

DAILY ISSUES REPORT – October 11, 2018

Community Benefits Agreements – Petition filed

A petition was filed on Monday, August 27th in the B.C. Supreme Court by a group of petitioners including the Independent Contractors and Businesses Association, various construction associations, non-Building Trades Unions and non-Building Trades contractors.

The petition challenges:

- The scope of the Minister's authority under S.3 of the Transportation Act, (which includes the power to enter into contracts). The petitioners assert that the Building Trades only requirement is irrelevant to the statutory purpose and therefore outside the Minister's authority.
- The Building Trades Only Requirement violates Charter protection for free expression, for free association, and against discrimination in public employment. The petitioners assert any infringements of the Charter are not justified as reasonable limits under S.1 of the Charter.

Key Messages:

- **Government stands behind the principles of the Community Benefits Agreement (CBA) to deliver good paying jobs, enhanced training, more apprenticeships and more opportunities for Indigenous people, women and youth around the province.**
- **I am aware of the petition filed seeking to stop the use of the full CBA on the new Pattullo Bridge, and its application to other projects.**
- **In anticipation of receiving the filed court documents, a litigation team is being established and preparation for a response is underway.**
- **We will defend the CBA and the right of all workers to benefit from the fair wages and working conditions this agreement sets out.**
- **In the meantime we will continue with the procurement for the new Pattullo Bridge, including the application of the CBA.**

DAILY ISSUES REPORT – October 11, 2018

Greyhound stopping operations in Western Canada

On July 9, 2018, Greyhound Canada announced that it is ending its passenger bus and freight services in Western Canada. This will stop service in Alberta, Saskatchewan and Manitoba, and all but one route in B.C. - a U.S.-run service between Vancouver and Seattle. The changes take place on October 31. This will mean Ontario and Quebec will be the only regions where Greyhound will still run its services. In a statement, Greyhound Canada senior vice-president Stuart Kendrick said: "This decision is regretful and we sympathize with the fact that many small towns are going to lose service." The company says they have experienced a 41 per cent decline in ridership since 2010, and persistent competition from subsidized national and inter-regional passenger transportation services.

Key Messages:

- **The news of Greyhound's full withdrawal from B.C. has understandably resulted in people feeling worried and uncertain about what that means for their everyday lives, and how they will continue getting around safely and affordably.**
- **I share their concern and want people to know that our government hears them and they will not be left stranded without access to transportation.**
- **We are focusing our efforts on finding solutions, and we are working tirelessly to do so. What those solutions will be is not yet known, but I assure you that we will get there.**
- **We are encouraged by the Prime Minister's commitment to work with the affected provinces, indicating that he understands the importance of transportation to a country as diverse and vast as Canada. Along with other provinces, B.C. will urge the federal government to work with Greyhound to extend the notice period, to make sure people have safe and reliable transportation options.**
- **The Province will continue working with our federal and local partners to find a solution that works for people, and that ensures people in B.C. have access to safe, affordable and reliable ground transportation.**

DAILY ISSUES REPORT – October 11, 2018

George Massey Tunnel Replacement Project – Review

An independent technical review of the George Massey crossing, led by professional engineer Stan Cowdell, is now with the Ministry of Transportation and Infrastructure. The Minister and ministry staff will take the summer to analyze this report and consider next steps.

Key Messages:

- **We've heard the concerns raised by Metro Vancouver and many residents about the idea of building a 10-lane bridge to replace the George Massey Tunnel, and the costs associated with such a large project.**
- **Before any more work is done, it's important to explore the options available for this corridor.**
- **As you know, Stan Cowdell, a professional engineer with expertise in major infrastructure projects, led an independent technical review of the options available for the corridor. Mr. Cowdell submitted his report in late June.**
- **The ministry is thoroughly reviewing the report to consider its findings and possible next steps.**
- **I will also discuss the findings with Metro Vancouver and the region's mayors to ensure that any future direction on the tunnel crossing is supported by the people in the region.**

Bowness, Lisanne GCPE:EX

From: Bowness, Lisanne GCPE:EX
Sent: Wednesday, October 10, 2018 3:48 PM
To: Beale, William TRAN:EX; Papadopoulos, James TRAN:EX; Stone, Lynne TRAN:EX; Waters, Leah TRAN:EX; Leverman, Charly TRAN:EX; Machell, Aileen GCPE:EX
Cc: GCPE Communications - Transportation & Infrastructure; Lewthwaite, Jennifer TRAN:EX; Middleton, Cindy TRAN:EX
Subject: Updated TRAN INs - Fall Binder
Attachments: IN BC Ferries Two Vessel Option.docx; IN Old Fort Road Landslide.docx; IN Rail - High Speed Rail Washington State.docx; Table of contents - House Binder Fall 2018.docx

Hi to all – the following INs have been updated today (Old Fort Rd and Rail – High Speed Rail), and there is 1 new IN (BC Ferries – 2 vessel option).
Please update your records accordingly.
I have also attached the updated table of contents.
Many thanks

Lisanne Bowness | Communications Manager
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Direct: 250-356-7707
Cell: 250-889-1336

ADVICE TO MINISTER

<p style="text-align: center;">CONFIDENTIAL ISSUES NOTE</p> <p>Ministry: Transportation Date: October 10, 2018 Minister Responsible: Claire Trevena</p>	<p style="text-align: center;">BC Ferries – Two Vessel replacement</p>
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ADVICE AND RECOMMENDED RESPONSE:

s.13

BACKGROUND REGARDING THE ISSUE:

In BC Ferries Performance Term 5 submission, BC Ferries announced they will be moving to two vessels on three minor routes - Gabriola to Nanaimo, Campbell River to Quadra and Crofton to Vesuvius.

The three vessels (Bowen Queen, Mayne Queen and Powell River Queen) are nearing the

end of their lifespans.

Back in July BC Ferries ran ads and held information sessions in the communities of Gabriola and Quadra Island to ask for community feedback on the replacement of three Bowen Class vessels. BC Ferries specifically asked whether communities would prefer one larger vessel that provides similar sailing frequency as the current service, or two smaller vessels with increased sailing frequency.

BC Ferries has indicated that the capital cost would be about the same for a large vessel with terminal modifications vs two smaller vessels. However, ministry staff estimate operating costs would increase by 50%-75% which could put further pressure on fares.

BC Ferries has stated they are only looking at the two vessel option for routes where the current vessel carries 58 vehicles. All three routes (Gabriola to Nanaimo, Campbell River to Quadra and Crofton to Vesuvius) carry 58 vehicles or less.

BC Ferries will have to seek approval from the BC Ferries Commissioner prior to signing a contract to build these vessels.

Communications Contact: _____ :
Sonia Lowe 250-387-5710

Program Area Contact:
Kirk Handrahan 250-952-0678

File Created: July 24, 2018

Minister's Office	Program Area	Deputy	Communications
	KH		SL

ADVICE TO MINISTER

CONFIDENTIAL ISSUES NOTE	Old Fort Road Landslide (near Fort St. John)
Ministry: Transportation and Infrastructure	
Date: October 10, 2018	
Minister Responsible: Claire Trevena	

ADVICE AND RECOMMENDED RESPONSE:

s.13

If asked, what is the impact to the local community?

- There is now an evacuation order in effect for all residents in the area – an Emergency Social Services Reception Centre has been activated in Fort St. John at the Pomeroy Sports Centre.
- Old Fort Road has been damaged, and the road to the community is closed until the slide stops moving and the site is safe for crews to start repairs.
- The Peace River Regional District is providing frequent updates:
Website – <https://prrd.bc.ca/>
Facebook – <https://www.facebook.com/OfficialPRRD/>

If asked, what is the ministry doing to address this issue?

- We are working around the clock to find a solution – 24-hour traffic control is in

place and monitoring continues by air.

- Ministry staff are working closely with the Peace River Regional District and geotechnical professionals, and we are exploring possible options for road access to the community.
- We will continue to provide updates as more information becomes available.

s.13

BACKGROUND REGARDING THE ISSUE:

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately one kilometre west of the Old Fort community, which is just south of Fort St John. A preliminary field and air assessment has been completed. The slide continues to move and it could be several days before it stops. 24-hour traffic control and slide monitoring is in place.

The Old Fort Road has been damaged and the road to the community is closed until the site can be determined to be safe to allow crews to enter to start the repairs. Ministry staff are working closely with the Peace River Regional District to develop alternate road access – work will start as soon as the slide stops moving and it's safe to start repairs.

There is now an evacuation order in effect for all residents in the area – an Emergency Social Services Reception Centre has been activated in Fort St. John at the Pomeroy Sports Centre.

Communications Contact:	Brendan Phelps	250-387-8619
Program Contact:	Hali Davenport	250-787-3310

Minister's Office	Program Area	ADM	Comm. Dir
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ADVICE TO MINISTER

	HD, SM		KR
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ADVICE TO MINISTER

**CONFIDENTIAL
ISSUES NOTE**

**Ministry of Transportation and Infrastructure
Date: October 10, 2018**

Minister Responsible: Claire Trevena

**High Speed Rail –
Washington State/B.C.**

ADVICE AND RECOMMENDED RESPONSE:

s.13

Background:

High Speed Rail

The Washington State government wants to examine the concept of an ultra-high-speed corridor connecting Vancouver – Seattle – Portland in greater detail with an in-depth business case analysis. The new study will build on the previous preliminary analysis and will address factors such as ridership levels, system development, delivery methods and financing. Washington State's Department of Transportation conducted a five-month study last year that was released in December. It was paid for with \$300,000 from the Washington state legislature. An economic analysis was then conducted by the state's Department of Transportation and released in February. It was funded by Microsoft and trade unions in the state. Washington State's economic benefits analysis found that within a few years of operation, ridership could be as high as 1.8 million per year. It also forecast a reduction of 40,000 tonnes of greenhouse gas emissions, a removal of up to 17% of freeway trips and the creation of up to 200,000 jobs.

The B.C. government did not contribute funding to either of those studies, but the Province had representatives on an advisory panel from the Intergovernmental Relations Secretariat and the Ministry of Transportation and Infrastructure.

This new study is the next important step in advancing a key area of future co-operation that was agreed to in the September 2016 MOU on Advancing the Innovation Economy, to strengthen joint transportation planning efforts focused on improving connectivity and ease of travel and movement. This study will, in part, explore the feasibility of establishing a new multi-jurisdictional Ultra High Speed Rail Corridor authority. The consultant for this new study was selected by Washington State in June 2018, and the study is to be completed by June 2019. Provincial representatives from the Ministries of Transportation and Infrastructure and Jobs, Trade and Technology will be involved in the study. The proposed concept would cut transportation time between Seattle and Vancouver from approximately three hours down to one.

Premier Horgan has met with Governor Inslee on a number of occasions, including on March 16th, 2018, where the Premier announced that B.C. will contribute \$300,000 toward a business case study on ultra-high speed rail.

These are very early days, and further cost-benefit analysis will need to be undertaken over the coming months and years before we have a clearer picture of just how feasible this service will be.

On October 10, 2018, Premier Horgan and Governor Inslee held bi-lateral discussions, and signed a BC-WA State MOU to act jointly to grow the region's innovation economy, protect the environment and combat climate change, promote trade, and improve transportation connectivity. This new MOU details numerous areas of collaboration, including examining the possibility of a new multi-jurisdictional Ultra High Speed Rail Corridor authority that could help lead the project in any agreed-upon subsequent phases, pending the results of the study due for completion in June 2019.

Communications Contact: Sukhi Tomana 280-886-1221
Program Area Contact: Bob Steele 250-356-2051

Minister's Office	Program Area	ADM	Comm. Dir
	BS	DB	

Issues Notes – Fall 2018

Ministry of Transportation and Infrastructure

A

Alex Fraser – Snow & Ice Response	September 13, 2018
Autonomous Vehicles	August 9, 2018
Avalanche Program	August 31, 2018

B

B.C. Air Access Program	September 11, 2018
BC Ferries – Fare Flexibility and Digital Experience	September 4, 2018
BC Ferries – First Quarter Results	September 7, 2018
BC Ferries – Haida Gwaii scheduling	September 7, 2018
BC Ferries – Port Hardy to Bella Coola	October 1, 2018
BC Ferries – Proposed CRD commuter ferry service	September 19, 2018
BC Ferries – Performance Term 5 – fare review	September 21, 2018
BC Ferries – Review	September 4, 2018
BC Ferries – Shipbuilding	October 4, 2018
BC Ferries – Spirit Refit Procurement	September 4, 2018
BC Ferries – Two Vessel Option	October 10, 2018
BC Rail – BC Rail Property/Cayoosé First Nation	August 27, 2018
BC Transit – CRD Bus Lanes	September 11, 2018
BC Transit - CRD Transit Authority	September 11, 2018
BC Transit – Electric Bus Trial	September 11, 2018
BC Transit – Funding	September 11, 2018
BC Transit - handyDART service	September 11, 2018
BC Transit – Operator and Passenger Safety	September 11, 2018
BC Transit – Sea to Sky Regional Transit Service	September 11, 2018
BC Transit – Security Cameras on Buses	September 11, 2018
Belleville Ferry Terminal Properties	August 17, 2018
Bridges – Genoa, Italy Bridge Collapse	August 17, 2018
Bridges – Safety and Inspections	September 6, 2018
Bridges – Seismic Program (Earthquake Readiness)	September 13, 2018
Bridges – Suicide Deterrent/Safety Fencing	September 13, 2018
Bridges – Vessel Impact Study	September 13, 2018
Broadway Subway	September 13, 2018
Broadway Subway – Cambie Compensation	October 9, 2018
Budget - 2018	September 7, 2018

C

Cariboo Connector	September 11, 2018
Central Okanagan Planning Study Delay	September 6, 2018
Community Benefits Policy	October 4, 2018
Community Benefits - Petition filed	September 19, 2018
Container Trucking Commissioner – Moratorium - Truck Tag Policy	August 8, 2018

Container Trucking – Wage Increase and Commissioner Oversight	September 11, 2018
Contaminated Sites –Highway Creek Pennask Watershed	September 17, 2018
Contaminated Sites - Overview	September 17, 2018
Crown Corp Executive Compensation	August 22, 2018
CVSE – 2007 Farmworkers crash and Inquest	September 11, 2018
CVSE – Commercial Vehicle Driver Training	Sept 12, 2018
CVSE - Commercial Vehicle Safety	Sept 12, 2018
CVSE – Electronic Logging Devices	Sept 12, 2018
CVSE – Humbolt Broncos Crash	Sept 12, 2018
CVSE – Motor Coach Review	Sept 12, 2018
CVSE - onRouteBC	Sept 12, 2018
Cycling Investment	September 10, 2018

D

Douglas Lake Ranch – Stoney Lake Road	September 6, 2018
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E

Emerging Technology Devices on Public Roads	August 9, 2018
E&N Line for proposed Victoria Commuter Service	September 11, 2018
E&N Rail – FOI 84717	September 7, 2018

F

FOI 73526 & 80400 – Taxi Complaints in Metro Vancouver	September 4, 2018
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G

George Massey Crossing Review	August 29, 2018
Government Purchase Card Transactions – Q1 2017/18	August 20, 2018
Government Transfers to Public Accounts	August 17, 2018
Greyhound Service Elimination in Western Canada	Sept. 10, 2018

H

Highway 1 – 6 laning project - Abbotsford	September 4, 2018
Highway 1 – Brunette Interchange	September 24, 2018
Highway 1 - Kamloops to AB Border: 4-Laning Program	October 1, 2018
Highway 1 – Kamloops to AB Border: Illecillewaet Delay	September 6, 2018
Highway 1 – Kamloops to AB Border: RW Bruhn Bridge Replacement design decision	September 6, 2018
Highway 7 – Haney Bypass Project	September 21, 2018
Highway 14 – Langford to Sooke	Sept 11, 2018
Highway 16 – Transportation Action Plan	Sept 11, 2018
Highway 19 – Movie Shoot	Sept 11, 2018
Highway 29 – Realignment Projects – Site C	August 31, 2018
Highway 97 – Boucherie and Westlake	September 26, 2018
Highway 97 – South Taylor Hill	September 19, 2018
Highway 97 – Stickle Road 20 th St. Extension	October 1, 2018
Highway 97 – Taylor Bridge	September 12, 2018

Highway 99 – Ten Mile Slide (formerly Fountain Slide)	September 6, 2018
Highway Winter Maintenance	September 7, 2018
Highways – Rural Safety and Speed Review – Year 3	September 7, 2018
Hope Station House Transfer	August 17, 2018

I

Infrastructure Funding – Federal Funding Update	September 21, 2018
Infrastructure – Federal Disaster Mitigation Funding	September 21, 2018
Inland Ferries – Kootenay Lake Ferry Service Improvement Consultation	Sept 17, 2018
Integrated North Shore Transportation Planning Project (INSTPP)	Sept 12, 2018

L

Langford Spencer Road & Project Lands	Oct 1, 2018
Line Painting	Sept 14, 2018

M

Maintenance Contracts	Sept 12, 2018
Malahat Crashes and Closures	Sept 13, 2018
McKenzie Interchange	Sept 12, 2018
Mobility Pricing	September 7, 2018
Mobility scooters in protected bikes lanes	August 9, 2018
Motorcycle Safety	September 21, 2018

N

North Shore Congestion (includes Highway 1 - Lower Lynn)	In progress
North Shore Crossings – Clearing Accidents	September 28, 2018

O

Old Fort Road Landslide	October 10, 2018
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P

Party Buses	September 6, 2018
Pattullo Bridge	September 17, 2018
Pattullo Bridge & CBA	September 17, 2018
Pattullo Bridge & Surrey Infrastructure	September 14, 2018
Peachland Transportation Study	September 6, 2018
Port Mann Highway 1 Independent Review	September 4, 2018
Prince George & Vanderhoof highway projects	September 12, 2018
Provincial – Federal Funding for Mayors' Council Vision	September 6, 2018
Public Accounts – Ministry Transfers	Aug 8, 2018
Public Accounts – Removal of Tolls & TI Corp	Aug 21, 2018

R

Rail - Burlington Northern Santa Fe (BNSF) Rail Corridor Relocation	September 9, 2018
Rail - High Speed – Washington State/B.C.	October 10, 2018
Rail – Transporting Oil by Rail	October 4, 2018

Ridesharing – General	September 19, 2018
Ridesharing – Investigation into unlicensed vehicles for hire	August 14, 2018

S

Slow Moving Vehicles – The Use of Golf Carts on Public Roadways	August 9, 2018
Squamish MP2 Rail Maintenance Facility	September 11, 2018

T

Three Valley Gap slides	October 4, 2018
TI Corp – Tolling and Collections	September 5, 2018
Trail Chemical Spill	October 1, 2018
Trans Mountain Expansion Project – permit applications	September 6, 2018

U

U-Pass (Metro Vancouver)	September 26, 2018
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W

West Fraser Lake Road Washout	September 24, 2018
Western Trade Corridors - Pitt Meadows Consultations	September 14, 2018
Western Trade Corridors - Ottawa to sell Ridley Terminals	September 14, 2018
Winter tires regulations	September 21, 2018

Bowness, Lisanne GCPE:EX

From: Bowness, Lisanne GCPE:EX
Sent: Wednesday, October 10, 2018 8:39 AM
To: Beale, William TRAN:EX; Papadopoulos, James TRAN:EX; Stone, Lynne TRAN:EX; Waters, Leah TRAN:EX; Leverman, Charly TRAN:EX; Machell, Aileen GCPE:EX
Cc: GCPE Communications - Transportation & Infrastructure; Lewthwaite, Jennifer TRAN:EX; Middleton, Cindy TRAN:EX
Subject: Updated IN - Old Fort Road Landslide
Attachments: IN Old Fort Road Landslide.docx

Good morning –
The IN for Old Fort Road Landslide has received a few edits this morning.
Please replace earlier versions with this one.
Thank you

Lisanne Bowness | Communications Manager
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Direct: 250-356-7707
Cell: 250-889-1336

ADVICE TO MINISTER

CONFIDENTIAL ISSUES NOTE	Old Fort Road Landslide (near Fort St. John)
Ministry: Transportation and Infrastructure	
Date: October 10, 2018	
Minister Responsible: Claire Trevena	

ADVICE AND RECOMMENDED RESPONSE:

s.13

If asked, what is the impact to the local community?

- There is now an evacuation order in effect for all residents in the area – an Emergency Social Services Reception Centre has been activated in Fort St. John at the Pomeroy Sports Centre.
- Old Fort Road has been damaged, and the road to the community is closed until the slide stops moving and the site is safe for crews to start repairs.
- The Peace River Regional District is providing frequent updates:
Website – <https://prrd.bc.ca/>
Facebook – <https://www.facebook.com/OfficialPRRD/>

If asked, what is the ministry doing to address this issue?

- We are working around the clock to find a solution – 24-hour traffic control is in

place and monitoring continues by air.

- Ministry staff are working closely with the Peace River Regional District and geotechnical professionals, and we are exploring possible options for road access to the community.
- We will continue to provide updates as more information becomes available.

s.13

BACKGROUND REGARDING THE ISSUE:

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately one kilometre west of the Old Fort community, which is just south of Fort St John. A preliminary field and air assessment has been completed. The slide continues to move and it could be several days before it stops. 24-hour traffic control and slide monitoring is in place.

The Old Fort Road has been damaged and the road to the community is closed until the site can be determined to be safe to allow crews to enter to start the repairs. Ministry staff are working closely with the Peace River Regional District to develop alternate road access – work will start as soon as the slide stops moving and it's safe to start repairs.

There is now an evacuation order in effect for all residents in the area – an Emergency Social Services Reception Centre has been activated in Fort St. John at the Pomeroy Sports Centre.

Communications Contact:	Brendan Phelps	250-387-8619
Program Contact:	Hali Davenport	250-787-3310

Minister's Office	Program Area	ADM	Comm. Dir
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ADVICE TO MINISTER

	HD, SM		KR
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Bowness, Lianne GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Tuesday, October 9, 2018 5:13 PM
To: Phelps, Brendan GCPE:EX; Bowness, Lianne GCPE:EX
Subject: Fwd: Old Fort messaging
Attachments: 2018-10-10 IN - Old Fort Road landslide - updated.docx; ATT00001.htm; IN Old Fort Road Landslide (3).docx - BCH edits.docx; ATT00002.htm

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
M: [250.920.8371](tel:250.920.8371)

Begin forwarded message:

From: "Alexis, Greg" <Greg.Alexis@bchydro.com>
Date: October 9, 2018 at 5:06:22 PM PDT
To: "Haslam, David GCPE:EX" <David.Haslam@gov.bc.ca>, "Robb, Katie GCPE:EX" <Katie.Robb@gov.bc.ca>, "Robins, Shawn GCPE:EX" <Shawn.1.Robins@gov.bc.ca>
Cc: "Sauer, Darwin" <Darwin.Sauer@bchydro.com>, "Beaupre, Darren GCPE:EX" <Darren.Beaupre@gov.bc.ca>, "Smith, Paula GCPE:EX" <Paula.Smith@gov.bc.ca>, "Karemaker, Kent GCPE:EX" <Kent.Karemaker@gov.bc.ca>, "Zadravec, Don GCPE:EX" <Don.Zadravec@gov.bc.ca>
Subject: RE: Old Fort messaging

Please find attached BC Hydro's updated issues note on the landslide. We have also made some suggested edits to MoTI's note that was sent earlier.

From: Haslam, David GCPE:EX [<mailto:David.Haslam@gov.bc.ca>]
Sent: 2018, October 09 3:12 PM
To: Robb, Katie GCPE:EX; Robins, Shawn GCPE:EX
Cc: Sauer, Darwin; Alexis, Greg; Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX; Zadravec, Don GCPE:EX
Subject: RE: Old Fort messaging

Including Don Z. We're also working on an EMPR staffer to be there to brief MMF as well. Looks like it's going to be Adrian Poole – will let you know when I confirm.

From: Robb, Katie GCPE:EX
Sent: Tuesday, October 9, 2018 2:52 PM
To: Haslam, David GCPE:EX; Robins, Shawn GCPE:EX
Cc: 'Sauer, Darwin'; Greg Alexis (Greg.Alexis@bchydro.com); Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX
Subject: RE: Old Fort messaging

Here is our updated IN. Scott Maxwell, MoTI's ED for the North, will be there to brief Minister Farnworth tomorrow.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Haslam, David GCPE:EX

Sent: Tuesday, October 9, 2018 2:34 PM

To: Robins, Shawn GCPE:EX

Cc: Robb, Katie GCPE:EX; 'Sauer, Darwin'; Greg Alexis (Greg.Alexis@bchydro.com); Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX

Subject: Old Fort messaging

Shawn – as discussed attached is MoTI IN on Old Fort to support MMF tour of the EOC tomorrow 10 am to 11 am. BC Hydro coms is working on additional Site C landslide messaging. In addition to Katie Robb, I've included Darwin Sauer and Site C manager Greg Alexis as well so all in the loop. I'll reach out to EMPR staff to see if it's possible to provide MMF a technical briefing on at the EOC. Trust this helps - David

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BC HYDRO ISSUES NOTE

Issue:	LANDSLIDE ABOVE OLD FORT
Spokesperson:	Greg Alexis, Public Affairs Manager, Site C

ISSUE SUMMARY

A landslide took place above Old Fort Road the weekend of September 29/30. The slide location is about one kilometre past the eastern entrance to the Site C project site.

BACKGROUND – LANDSLIDE

- Sometime late Saturday night (Sept. 29) / early Sunday morning (Sept. 30), a landslide took place above Old Fort Road.
 - The slide location is off dam site and approximately 1 km past (east of) the Gate 'B' entrance to Site C.
- There is a gravel pit (Blair's Sand & Gravel) located directly above the slide.
 - The gravel pit operation is located outside of Site C boundaries
 - BC Hydro does not have a contract with Blair's Sand & Gravel for stockpiling or other uses, nor has it been used by any of the Site C contractors or sub-contractors.
- There is no evidence at this time that the slide is related to Site C or any of the work taking place on the project.
- Operations at the project site have not been impacted and work is continuing as planned.
- On October 7, the Peace River Regional District issued an evacuation order for the entire community of Old Fort.
- On October 8, BC Hydro provided the Peace River Regional District access to the Site C dock to assist with the evacuation of residents.

BACKGROUND – SLOPE STABILITY

- Prior to the start of Site C construction, BC Hydro conducted extensive engineering investigations, analysis and review into the geology of the Site C project area.
 - Identified geotechnical risks, along with mitigation measures, were reported in the Site C Project's Environmental Impact Statement.
- Historical landslide complexes in the Peace Valley are very common and are addressed in the design and assessment of all Site C project areas, including:
 - the Highway 29 realignment
 - the Hudson's Hope berm;
 - the Site C earthfill dam and associated permanent features.
- Historical slides are addressed with the project excavations and stabilization measures at the dam site.

- This includes the left bank overburden excavation which is a slope stabilization of over 11 million cubic metres.
- An extensive inventory of existing slides is incorporated into the reservoir impact lines, which outlines the predicted effects of the Site C reservoir on slope stability and erosion.
- Stability issues and the potential for tension cracks on the north bank were expected, which is why the slope is being excavated to remove unstable overburden materials prior to completion of the permanent works.
- As part of Site C construction, work has been underway since the summer of 2015 to remove unstable material on the north bank to create stable slopes for eventual dam construction.
 - This work is being done in accordance with international and Canadian safety practices to withstand unlikely events, such as an extreme earthquake.
 - Slope stabilization activities include the construction of access roads and haul roads, excavation of unstable materials and relocation and storage of excavated materials for future use in other areas of the project.
- As of August 2018, more than 11 million cubic metres of material (including overburden and shale bedrock) have been excavated from the north bank.
- Keeping with international best practice, BC Hydro also has a Technical Advisory Board for Site C that provides on-going technical advice on the engineering and design of the project.
- The members of the Site C Technical Advisory Board are globally recognized for their technical knowledge and experience with the design of hydroelectric projects around the world.

KEY MESSAGES

- BC Hydro is committed to safely and responsibly advancing the construction of the Site C project.
- Our top priority is the safety of the public and our workers and we continue to closely monitor the situation related to the off-site landslide.
- There is no evidence at this time that the slide is related to Site C or any of the work taking place on the project.
- The slide location is off dam site and about 1 km past the Gate 'B' entrance to site and that gate remains open for workers and contractors accessing site.

- Operations at the project site have not been impacted and work is continuing as planned.

TOP QUESTIONS AND ANSWERS

- 1. People are saying that the gravel pit, located above Old Fort Road, triggered the landslide. Was the gravel pit being used for the project?**
 - No, the gravel operation above the slide is not part of the project.
- 2. Why would BC Hydro build a dam in an area that has history of landslides?**
 - BC Hydro is committed to safely and responsibly advancing the construction of the Site C project.
 - BC Hydro has conducted extensive engineering studies into the geology of the project area – including the dam site – for decades.
 - The issue of historical slides in the area is well documented and is being addressed with the excavations and stabilization measures that have been taking place at site since construction started in 2015.
 - For example, BC Hydro has removed more than 11 million cubic metres of overburden materials on the north bank to create a stable slope for the dam.
- 3. Why is BC Hydro building a dam on shale?**
 - Site C is being built – and will be maintained – to international and Canadian safety standards so it can withstand major events like earthquakes and floods.
 - BC Hydro has conducted extensive engineering studies into the geology of the project area – including the dam site – for decades.
 - The presence of shale bedrock is well documented in the project's environmental impact statement (EIS).
 - The EIS was reviewed by the Site C Joint Review Panel and later approved by the provincial and federal governments in 2014.
 - Building hydro-electric dams on shale bedrock is not uncommon.
 - The environmental impact statement for Site C identified 16 other earthfill dams around the world that were built on similar bedrock.
 - BC Hydro has incorporated into the design a concrete buttress that will be placed under the spillway and generating station for increased stability and seismic protection.
- 4. Is BC Hydro doing anything to help Old Fort residents?**
 - BC Hydro provided the Peace River Regional District use of our dock at Site C to help with the evacuation of local residents over the weekend.
 - We will continue to monitor the situation closely and work with officials to provide support and assistance where possible.
- 5. Has BC Hydro heard any concerns from workers about the conditions of the roads coming into site?**
 - We have not heard any concerns about the stability of the roads coming into the project area.
 - Any concerns specific to those roads should be directed to the Peace River Regional District.

Page 535 to/à Page 537

Withheld pursuant to/removed as

s.13

Bowness, Lianne GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Tuesday, October 9, 2018 4:30 PM
To: Phelps, Brendan GCPE:EX; Bowness, Lianne GCPE:EX
Subject: Fwd: Old Fort messaging
Attachments: IN_LandslideFSJ_Oct9 2018_330pm.docx; ATT00001.htm

FYI

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
M: [250.920.8371](tel:250.920.8371)

Begin forwarded message:

From: "Haslam, David GCPE:EX" <David.Haslam@gov.bc.ca>
Date: October 9, 2018 at 4:23:39 PM PDT
To: "Robb, Katie GCPE:EX" <Katie.Robb@gov.bc.ca>, "Robins, Shawn GCPE:EX" <Shawn.1.Robins@gov.bc.ca>
Cc: "'Sauer, Darwin'" <Darwin.Sauer@bchydro.com>, "'Greg Alexis (Greg.Alexis@bchydro.com)'" <Greg.Alexis@bchydro.com>, "Beaupre, Darren GCPE:EX" <Darren.Beaupre@gov.bc.ca>, "Smith, Paula GCPE:EX" <Paula.Smith@gov.bc.ca>, "Karemaker, Kent GCPE:EX" <Kent.Karemaker@gov.bc.ca>, "Zadravec, Don GCPE:EX" <Don.Zadravec@gov.bc.ca>
Subject: RE: Old Fort messaging

Attached is an updated EMPR IN. We're not saying much new – other than the high lighted bullet below.

- **We are aware of the situation and taking it seriously.**
- **When we were made aware of the landslide, a stop-work-order was issued on the gravel mine operating in the area.**
- **The cause of the slide has not been determined.**
- **The landslide is still moving and is being monitored closely by the Ministry of Transportation.**
- **The Ministry of Energy, Mines and Petroleum Resources conducted a geotechnical inspection on Oct. 2 and issued orders on Oct. 4, including a requirement for the company to hire a qualified engineer to undertake a geotechnical assessment that will be completed by October 19.**

- **Staff from the ministries of Transportation and Energy, Mines and Petroleum Resources continue to be in close communication on this situation.**

From: Haslam, David GCPE:EX
Sent: Tuesday, October 9, 2018 3:12 PM
To: Robb, Katie GCPE:EX; Robins, Shawn GCPE:EX
Cc: 'Sauer, Darwin'; Greg Alexis (Greg.Alexis@bchydro.com); Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX; Zadravec, Don GCPE:EX
Subject: RE: Old Fort messaging

Including Don Z. We're also working on an EMPR staffer to be there to brief MMF as well. Looks like it's going to be Adrian Poole – will let you know when I confirm.

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Sent: Tuesday, October 9, 2018 2:52 PM
To: Haslam, David GCPE:EX; Robins, Shawn GCPE:EX
Cc: 'Sauer, Darwin'; Greg Alexis (Greg.Alexis@bchydro.com); Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX
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Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Haslam, David GCPE:EX
Sent: Tuesday, October 9, 2018 2:34 PM
To: Robins, Shawn GCPE:EX
Cc: Robb, Katie GCPE:EX; 'Sauer, Darwin'; Greg Alexis (Greg.Alexis@bchydro.com); Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Karemaker, Kent GCPE:EX
Subject: Old Fort messaging

Shawn – as discussed attached is MoTI IN on Old Fort to support MMF tour of the EOC tomorrow 10 am to 11 am. BC Hydro coms is working on additional Site C landslide messaging. In addition to Katie Robb, I've included Darwin Sauer and Site C manager Greg Alexis as well so all in the loop. I'll reach out to EMPR staff to see if it's possible to provide MMF a technical briefing on at the EOC. Trust this helps - David

ADVICE TO MINISTER

<p style="text-align: center;">Confidential GCPE-MEMPR ISSUE NOTE</p> <p>Ministry of Energy, Mines and Petroleum Resources Date: Oct 9, 2018 Minister Responsible: Hon. Michelle Mungall</p>	<p style="text-align: center;">Gravel Pit – Landslide Fort St. John</p>
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s.13

KEY FACTS REGARDING THE ISSUE:

There is a gravel mine in the area, located just above the slide (AKA Blair's Sand and Gravel). It is owned by Deasan Holdings. This gravel pit has been periodically operated since the 1980's and prior to Deasan Holdings was permitted as Blair's Sand and Gravel and Fort St. John Sand and Gravel. A Mines Act permit was issued August 7, 2018 to Deasan Holdings, the registered owner in fee simple for this pit.

On Sept. 30, 2018, a landslide occurred above Old Fort Road near Fort St. John. The landslide damaged pavement and required the road to close. The slide area is located along the flank of the Peace River. The Ministry of Transportation and Infrastructure alerted their stakeholders and initiated a geotechnical inspection.

ADVICE TO MINISTER

s.13

ADVICE TO MINISTER

s.13

Bowness, Lisanne GCPE:EX

From: Pope, Danielle GCPE:EX
Sent: Tuesday, October 9, 2018 2:06 PM
To: Nienaber, Janice GCPE:EX
Cc: Bowness, Lisanne GCPE:EX; Phelps, Brendan GCPE:EX; Robb, Katie GCPE:EX
Subject: RE: Key Messages for Old Fort Landslide?
Attachments: IN Old Fort Road Landslide.docx

Hi Janice,

Here is the most recent copy of our IN on the Old Fort Road issue.

Thank you,
Danielle

Danielle Pope | Media Relations
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Telephone: 250-356-8241 | Mobile: 778-679-0133
Danielle.Pope@gov.bc.ca

From: Nienaber, Janice GCPE:EX
Sent: Tuesday, October 9, 2018 9:18 AM
To: Pope, Danielle GCPE:EX; Phelps, Brendan GCPE:EX
Cc: Fernandes, Jennifer GCPE:EX; Bowness, Lisanne GCPE:EX; Thomas, Vivian P GCPE:EX; Lowther, Brett GCPE:EX; Weiss, Jamie GCPE:EX
Subject: RE: Key Messages for Old Fort Landslide?

Yes, I can certainly hold – thank you!

Janice Nienaber | Public Affairs Officer
Government Communications & Public Engagement
B.C. Ministry of Advanced Education, Skills and Training
T: 778-698-1824 | C: 250-208-4560 | E: Janice.Nienaber@gov.bc.ca

From: Pope, Danielle GCPE:EX
Sent: Tuesday, October 9, 2018 9:17 AM
To: Phelps, Brendan GCPE:EX
Cc: Fernandes, Jennifer GCPE:EX; Bowness, Lisanne GCPE:EX; Thomas, Vivian P GCPE:EX; Nienaber, Janice GCPE:EX; Lowther, Brett GCPE:EX; Weiss, Jamie GCPE:EX
Subject: RE: Key Messages for Old Fort Landslide?

Hi Vivian and Janice – yes, we have messages on this. Are you ok to hold for a few, and we can get the latest for you? We're waiting for our update this morning. If you prefer the weekend's messages, we can send that on sooner.

Thanks,
Danielle

Danielle Pope | Media Relations
Government Communications and Public Engagement

From: Thomas, Vivian P GCPE:EX
Sent: Tuesday, October 9, 2018 9:13 AM
To: Nienaber, Janice GCPE:EX; Lowther, Brett GCPE:EX
Cc: Fernandes, Jennifer GCPE:EX; Bowness, Lianne GCPE:EX; Pope, Danielle GCPE:EX
Subject: RE: Key Messages for Old Fort Landslide?

Hi! We don't. by way of cc:, redirecting you to transportation.

From: Nienaber, Janice GCPE:EX
Sent: Tuesday, October 9, 2018 9:08 AM
To: Lowther, Brett GCPE:EX; Thomas, Vivian P GCPE:EX
Cc: Fernandes, Jennifer GCPE:EX
Subject: Key Messages for Old Fort Landslide?

Hi Vivian and Brett,

I'm one of the PAOs at AEST, and we have a couple of events in the Fort St. John/Dawson Creek area this Friday.

By chance do you have any Key Messages/background on the landslide affecting the community just outside of Fort St. John?

<https://www.cbc.ca/news/canada/british-columbia/old-fort-landslide-1.4855041>

Thank you,
Janice Nienaber | Public Affairs Officer
Government Communications & Public Engagement
B.C. Ministry of Advanced Education, Skills and Training
T: 778-698-1824 | C: 250-208-4560 | E: Janice.Nienaber@gov.bc.ca

ADVICE TO MINISTER

CONFIDENTIAL ISSUES NOTE	Old Fort Road Landslide (near Fort St. John)
Ministry: Transportation and Infrastructure	
Date: October 10, 2018	
Minister Responsible: Claire Trevena	

ADVICE AND RECOMMENDED RESPONSE:

s.13

If asked, what is the impact to the local community?

- There is now an evacuation order in effect for all residents in the area – an Emergency Social Services Reception Centre has been activated in Fort St. John at the Pomeroy Sports Centre.
- Old Fort Road has been damaged, and the road to the community is closed until the slide stops moving and the site is safe for crews to start repairs.
- The Peace River Regional District is providing frequent updates:
Website – <https://prrd.bc.ca/>
Facebook – <https://www.facebook.com/OfficialPRRD/>

If asked, what is the ministry doing to address this issue?

- We are working around the clock to find a solution – 24-hour traffic control is in

place and monitoring continues by air.

- Ministry staff are working closely with the Peace River Regional District and geotechnical professionals, and we are exploring possible options for road access to the community.
- We will continue to provide updates as more information becomes available.

s.13

BACKGROUND REGARDING THE ISSUE:

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately one kilometre west of the Old Fort community, which is just south of Fort St John. A preliminary field and air assessment has been completed. The slide continues to move and it could be several days before it stops. 24-hour traffic control and slide monitoring is in place.

The Old Fort Road has been damaged and the road to the community is closed until the site can be determined to be safe to allow crews to enter to start the repairs. Ministry staff are working closely with the Peace River Regional District to develop alternate road access – work will start as soon as the slide stops moving and it's safe to start repairs.

There is now an evacuation order in effect for all residents in the area – an Emergency Social Services Reception Centre has been activated in Fort St. John at the Pomeroy Sports Centre.

Communications Contact:	Brendan Phelps	250-387-8619
Program Contact:	Hali Davenport	250-787-3310

Minister's Office	Program Area	ADM	Comm. Dir
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ADVICE TO MINISTER

	HD, SM		KR
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Bowness, Lianne GCPE:EX

From: Weiss, Jamie GCPE:EX
Sent: Tuesday, October 9, 2018 8:38 AM
To: Phelps, Brendan GCPE:EX
Cc: Bowness, Lianne GCPE:EX
Subject: FW: Old Fort Slide updates

Hey Brendan,

Below are the two responses – the first went out Sunday, the second on Monday.

Jamie.

From: Weiss, Jamie GCPE:EX
Sent: Monday, October 8, 2018 5:29 PM
To: Papadopoulos, James TRAN:EX; Beale, William TRAN:EX
Cc: Robb, Katie GCPE:EX; Bowness, Lianne GCPE:EX
Subject: Old Fort Slide updates

Good evening Will & James,

Yesterday, the following response was sent to reporters from CBC and Global who requested information on Old Fort. This response was also sent proactively to other reporters that had been requesting regular information last week:

The slide is still active and continues to move. The estimated size of the slide is more than 6 million cubic metres and growing. The area west of the current slide affecting the road is an old landslide that has reactivated and is now moving.

At this time, we are unable to confirm a timeline for when Old Fort Road will open. The slide activity is being monitored daily and the road will be re-established when it is safe to do so. Until that time, 24 hour traffic control will be maintained at the site.

There is now an evacuation order in effect for all residents in the area - the Peace River Regional District website has these details: <https://prrd.bc.ca/>

The Peace River Regional District has organized a water taxi and bus for residents to go between Old Fort and Fort St. John: <https://prrd.bc.ca/old-fort-water-taxi-connecting-bus-schedule/>

The Peace River Regional District “Official Page” is also providing updates on Facebook: <https://www.facebook.com/OfficialPRRD/>

In addition, the following was sent to Global this afternoon, who were requesting a further update, though there was little new information to share:

The community of Old Fort remains under evacuation order. For more information, we recommend contacting the Peace River Regional District (PRRD)

The slide over the Old Fort Road remains in motion, and it is not safe to enter the slide zone.

The Ministry and PRRD is monitoring the slide daily, and we are exploring alternate options for routes to access the community.

There was a community meeting today with residents and responding agencies.

Jamie

Sent from my iPhone

Bowness, Lianne GCPE:EX

From: Bowness, Lianne GCPE:EX
Sent: Tuesday, October 9, 2018 8:36 AM
To: Phelps, Brendan GCPE:EX
Cc: Robb, Katie GCPE:EX; Weiss, Jamie GCPE:EX
Subject: Can you update the Old Fort IN?

Hey Brendan – do you mind updating the IN on Old Fort?

The latest is the whole community has been asked to evacuate now. Slide is still moving and therefore road cannot be fixed yet. Jamie took some calls over the weekend on this.

Jamie, can you send Brendan the latest?

CHNL (Kamloops)

Copyright

Lianne Bowness | Communications Manager
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Direct: 250-356-7707
Cell: 250-889-1336

Bowness, Lisanne GCPE:EX

From: Weiss, Jamie GCPE:EX
Sent: Sunday, October 7, 2018 3:17 PM
Subject: Old Fort Mudslide update

Good afternoon,

As you have requested information from the Ministry of Transportation and Infrastructure in the past week, we are providing this update on the situation in Old Fort proactively. This is all the information we can provide at this time.

The following response is attributable to the Ministry of Transportation and Infrastructure:

The slide is still active and continues to move. The estimated size of the slide is more than 6 million cubic metres and growing. The area west of the current slide affecting the road is an old landslide that has reactivated and is now moving.

At this time, we are unable to confirm a timeline for when Old Fort Road will open. The slide activity is being monitored daily and the road will be re-established when it is safe to do so. Until that time, 24 hour traffic control will be maintained at the site.

There is now an evacuation order in effect for all residents in the area - the Peace River Regional District website has these details: <https://prrd.bc.ca/>

The Peace River Regional District has organized a water taxi and bus for residents to go between Old Fort and Fort St. John: <https://prrd.bc.ca/old-fort-water-taxi-connecting-bus-schedule/>

The Peace River Regional District "Official Page" is also providing updates on Facebook: <https://www.facebook.com/OfficialPRRD/>

Thanks,

Jamie Weiss | Public Affairs Officer
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Office: 250 356-0825 | Mobile: 778 676 1407 | E: jamie.weiss@gov.bc.ca

Bowness, Lianne GCPE:EX

From: Robb, Katie GCPE:EX
Sent: Monday, October 1, 2018 11:47 AM
To: Bowness, Lianne GCPE:EX
Subject: RE: Updated IN - Old Fort Road Landslide

perfect

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Bowness, Lianne GCPE:EX
Sent: Monday, October 1, 2018 11:40 AM
To: Robb, Katie GCPE:EX
Subject: RE: Updated IN - Old Fort Road Landslide

Yes – he talked with Scott/ Hali this morning just now – it’s the latest

From: Robb, Katie GCPE:EX
Sent: Monday, October 1, 2018 11:39 AM
To: Bowness, Lianne GCPE:EX
Subject: RE: Updated IN - Old Fort Road Landslide

Omg that is so much better! Thanks!

Looks fine – does it include the latest, however, from Scott? The most recent update we had was last night.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Bowness, Lianne GCPE:EX
Sent: Monday, October 1, 2018 11:38 AM
To: Robb, Katie GCPE:EX
Subject: Updated IN - Old Fort Road Landslide

Hey – Brendan updated the IN using the connect/ contrast/ solve formula – any adjustments before I send up to Min Office? (and share with EMBC – as they have been asking for our note)

Lianne Bowness | Communications Manager

Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Direct: 250-356-7707
Cell: 250-889-1336

Bowness, Lianne GCPE:EX

From: Williams, Susan GCPE:EX
Sent: Monday, October 1, 2018 11:46 AM
To: Bowness, Lianne GCPE:EX
Cc: Phelps, Brendan GCPE:EX
Subject: RE: NEW IN - Old Fort Road Landslide (near Fort St. John)

Perfect. Thanks!

From: Bowness, Lianne GCPE:EX
Sent: October 1, 2018 11:45 AM
To: Williams, Susan GCPE:EX <Susan.Williams@gov.bc.ca>
Cc: Phelps, Brendan GCPE:EX <Brendan.Phelps@gov.bc.ca>
Subject: FW: NEW IN - Old Fort Road Landslide (near Fort St. John)

As requested – here is our IN on this topic – thanks!

Lianne Bowness | Communications Manager
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Direct: 250-356-7707
Cell: 250-889-1336

Bowness, Lisanne GCPE:EX

From: Bowness, Lisanne GCPE:EX
Sent: Monday, October 1, 2018 11:44 AM
To: Beale, William TRAN:EX; Papadopoulos, James TRAN:EX; Stone, Lynne TRAN:EX; Waters, Leah TRAN:EX; Leverman, Charly TRAN:EX; Machell, Aileen GCPE:EX
Cc: GCPE Communications - Transportation & Infrastructure; Lewthwaite, Jennifer TRAN:EX; Verwoord, Cindy TRAN:EX
Subject: NEW IN - Old Fort Road Landslide (near Fort St. John)
Attachments: IN Old Fort Road Landslide.docx

Hi to all – I will send an email in a moment with a few of our updated INs – but wanted first to send to you a new IN on the Old Fort Landslide – with the most up to date info on this slide that occurred on the weekend & the impacted road. Please add this into the Minister’s binder (and this messaging can be used in media responses for today too).
thx

Lisanne Bowness | Communications Manager
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Direct: 250-356-7707
Cell: 250-889-1336

ADVICE TO MINISTER

<p style="text-align: center;">CONFIDENTIAL ISSUES NOTE</p> <p>Ministry: Transportation and Infrastructure Date: October 1, 2018 Minister Responsible: Claire Trevena</p>	<p>Old Fort Road Landslide (near Fort St. John)</p>
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ADVICE AND RECOMMENDED RESPONSE:

s.13

If asked, where did the landslide take place?

- The slide took place approximately 1 kilometre west of the Old Fort community, just south of Fort St. John.

If asked, what is the impact to the local community?

- There is no immediate risk to the Old Fort community, however the slide continues to move and it could be several days before it stops.
- Old Fort Road has been damaged, and the road to the community is closed until the site is safe for crews to start repairs.

- An evacuation order has been issued for the Peace River Lookout and lands directly south and south-east, which includes a gravel operation above the slide.

s.13

BACKGROUND REGARDING THE ISSUE:

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately 1 kilometre west of the Old Fort community, which is just south of Fort St John.

A preliminary field and air assessment has been completed, and landslide specialists are on route. The slide continues to move and it could be several days before it stops. 24-hour traffic control and slide monitoring is in place.

The Old Fort Road has been damaged and the road to the community is closed until the site can be determined to be safe to allow crews to enter to start the repairs.

The Ministry is working with the Peace River Regional District (PRRD) to find suitable access options for the residents in the meantime.

It has been determined that there is no immediate risk to the Old Fort community.

An evacuation order has been issued for the Peace River Lookout and lands directly south and south-east, which includes a gravel operation near the top above the slide.

<https://www.alaskahighwaynews.ca/fort-st-john/landslide-closes-old-fort-road-1.23447398>

Communications Contact:	Brendan Phelps	250-387-8619
Program Contact:	Hali Davenport	250-787-3310

Minister's Office	Program Area	ADM	Comm. Dir
	HD		

Phelps, Brendan GCPE:EX

From: Phelps, Brendan GCPE:EX
Sent: Tuesday, October 9, 2018 9:36 AM
To: Bowness, Lianne GCPE:EX
Cc: Robb, Katie GCPE:EX; Weiss, Jamie GCPE:EX
Subject: RE: Can you update the Old Fort IN?
Attachments: IN Old Fort Road Landslide.docx

Updated messaging and added bullet to key messages about exploring possible alternate options for road access (from Scott's update this morning).

From: Bowness, Lianne GCPE:EX
Sent: Tuesday, October 9, 2018 9:26 AM
To: Phelps, Brendan GCPE:EX
Cc: Robb, Katie GCPE:EX; Weiss, Jamie GCPE:EX
Subject: RE: Can you update the Old Fort IN?

I think we should lose the word "frustrated" as this is more than that...the people are being asked to evacuate and may have to stay out of their homes until spring.

What was the word we used before? I would recognize that this must be "an upsetting time" for residents (or something to that effect) and then reinforce the safety messaging.

I also think that something was said about looking at emergency routes to get in & out – is that correct? You would have to ask Scott/ region for the latest.

From: Phelps, Brendan GCPE:EX
Sent: Tuesday, October 9, 2018 9:15 AM
To: Bowness, Lianne GCPE:EX
Cc: Robb, Katie GCPE:EX; Weiss, Jamie GCPE:EX
Subject: RE: Can you update the Old Fort IN?

Updated version attached.

From: Bowness, Lianne GCPE:EX
Sent: Tuesday, October 9, 2018 8:36 AM
To: Phelps, Brendan GCPE:EX
Cc: Robb, Katie GCPE:EX; Weiss, Jamie GCPE:EX
Subject: Can you update the Old Fort IN?

Hey Brendan – do you mind updating the IN on Old Fort?

The latest is the whole community has been asked to evacuate now. Slide is still moving and therefore road cannot be fixed yet. Jamie took some calls over the weekend on this.

Jamie, can you send Brendan the latest?

CHNL (Kamloops)

09-Oct-2018 06:03 Quoted: Dylana Milobar

Dylana Milobar: A slow-moving landslide has forced the evacuation of a small community in northeastern BC. A statement on the Peace River regional district says there is immediate danger to life and safety in Old Fort. It

says RCMP and district officials will help with the evacuations, adding those who leave won't be allowed back, and those choosing to stay do so at their own risk. [xrz, maz, embc, pssg, tran, empr]

Lisanne Bowness | Communications Manager

Government Communications and Public Engagement

Ministry of Transportation and Infrastructure

Direct: 250-356-7707

Cell: 250-889-1336

ADVICE TO MINISTER

CONFIDENTIAL ISSUES NOTE	Old Fort Road Landslide (near Fort St. John)
Ministry: Transportation and Infrastructure	
Date: October 9, 2018	
Minister Responsible: Claire Trevena	

ADVICE AND RECOMMENDED RESPONSE:

s.13

If asked, where did the landslide take place?

- The slide took place approximately 1 kilometre west of the Old Fort community, just south of Fort St. John.

If asked, what is the impact to the local community?

- There is now an evacuation order in effect for all residents in the area – an Emergency Social Services Reception Centre has been activated in Fort St. John at the Pomeroy Sports Centre.
- Old Fort Road has been damaged, and the road to the community is closed until the slide stops moving and the site is safe for crews to start repairs.
- The Peace River Regional District is providing frequent updates:
Website – <https://prrd.bc.ca/>
Facebook – <https://www.facebook.com/OfficialPRRD/>
- There are three impacted areas – the main original slide, the west slide, and the east area (totalling more than 6 million cubic metres).

If asked, what is the ministry doing to address this issue?

- We are working around the clock to find a solution – 24-hour traffic control and slide monitoring is in place.
- Ministry staff are working closely with the Peace River Regional District geotechnical professionals, and we are exploring possible options for road access to the community.
- We will continue to provide updates as more information becomes available.

s.13

BACKGROUND REGARDING THE ISSUE:

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately 1 kilometre west of the Old Fort community, which is just south of Fort St John.

A preliminary field and air assessment has been completed, and landslide specialists are on route. The slide continues to move and it could be several days before it stops. 24-hour traffic control and slide monitoring is in place.

The Old Fort Road has been damaged and the road to the community is closed until the site can be determined to be safe to allow crews to enter to start the repairs.

The Ministry is working with the Peace River Regional District (PRRD) to find suitable access options for the residents in the meantime.

There is now an evacuation order in effect for all residents in the area – an Emergency Social Services Reception Centre has been activated in Fort St. John at the Pomeroy Sports Centre.

Communications Contact:
Program Contact:

Brendan Phelps
Hali Davenport

250-387-8619
250-787-3310

ADVICE TO MINISTER

Minister's Office	Program Area	ADM	Comm. Dir
	HD		

Phelps, Brendan GCPE:EX

From: Phelps, Brendan GCPE:EX
Sent: Monday, October 1, 2018 10:26 AM
To: Robb, Katie GCPE:EX; Bowness, Lianne GCPE:EX
Cc: Pope, Danielle GCPE:EX
Subject: RE: KM document on Old Fort Road landslide
Attachments: IN - Old Fort Road Landslide.docx

Updated with those key messages at the top.

From: Robb, Katie GCPE:EX
Sent: Monday, October 1, 2018 10:10 AM
To: Phelps, Brendan GCPE:EX; Bowness, Lianne GCPE:EX
Cc: Pope, Danielle GCPE:EX
Subject: RE: KM document on Old Fort Road landslide

Thanks Brendan. Can you revise somewhat with more a more connecting frame, as if the Minister is responding to a media q? Off the top we should acknowledge this is an urgent situation for a community that was also ravaged by the fires this year, and press how quickly we are working around the clock with the RD to find a solution.

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Phelps, Brendan GCPE:EX
Sent: Monday, October 1, 2018 10:08 AM
To: Bowness, Lianne GCPE:EX; Robb, Katie GCPE:EX
Cc: Pope, Danielle GCPE:EX
Subject: RE: KM document on Old Fort Road landslide

FYI – here is a draft IN for the Old Fort Road Landslide – all info was previously approved messaging from yesterday.

Will send an updated version once I get more info from Northern Region/BC Hydro.

From: Bowness, Lianne GCPE:EX
Sent: Monday, October 1, 2018 9:29 AM
To: Robb, Katie GCPE:EX
Cc: Phelps, Brendan GCPE:EX; Pope, Danielle GCPE:EX
Subject: KM document on Old Fort Road landslide

FYI Katie– Brendan is working on an updated KM document on the landslide & the impact to residents/ roads.
Brendan – possible to have an updated KM doc ready by 11 AM today? (This is to prep the Minister before she goes into the house)
Thanks!

Lianne Bowness | Communications Manager
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Direct: 250-356-7707

Cell: 250-889-1336

ADVICE TO MINISTER

<p style="text-align: center;">CONFIDENTIAL ISSUES NOTE</p> <p>Ministry: Transportation and Infrastructure Date: October 1, 2018 Minister Responsible: Claire Trevena</p>	<p style="text-align: center;">Old Fort Road Landslide (near Fort St. John)</p>
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ADVICE AND RECOMMENDED RESPONSE:

s.13

If asked, where did the landslide take place?

- The slide took place approximately 1 kilometre west of the Old Fort community, just south of Fort St. John.

If asked, what is the impact to the local community?

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s.13

BACKGROUND REGARDING THE ISSUE:

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It has been determined that there is no immediate risk to the Old Fort community.

An evacuation order has been issued for the Peace River Lookout and lands directly south and south-east, which includes a gravel operation near the top above the slide.

<https://www.alaskahighwaynews.ca/fort-st-john/landslide-closes-old-fort-road-1.23447398>

Communications Contact:	Brendan Phelps	250-387-8619
Program Contact:	Hali Davenport	250-787-3310

Minister's Office	Program Area	ADM	Comm. Dir
	HD		

Phelps, Brendan GCPE:EX

From: Phelps, Brendan GCPE:EX
Sent: Tuesday, October 9, 2018 2:29 PM
To: Robb, Katie GCPE:EX; Bowness, Lianne GCPE:EX; Pope, Danielle GCPE:EX
Subject: RE: Key Messages for Old Fort Landslide?

Fine with me.

From: Robb, Katie GCPE:EX
Sent: Tuesday, October 9, 2018 2:25 PM
To: Bowness, Lianne GCPE:EX; Phelps, Brendan GCPE:EX; Pope, Danielle GCPE:EX
Subject: FW: Key Messages for Old Fort Landslide?

Took a closer look. Any objections to these copy edits?

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
O: [250.953.4865](tel:250.953.4865) | M: [250.920.8371](tel:250.920.8371)

From: Phelps, Brendan GCPE:EX
Sent: Tuesday, October 9, 2018 1:55 PM
To: Pope, Danielle GCPE:EX; Bowness, Lianne GCPE:EX; Robb, Katie GCPE:EX
Subject: RE: Key Messages for Old Fort Landslide?

Most recent version (approved by EMPR) – if Katie's okay with it, we can relay to AEST.

From: Pope, Danielle GCPE:EX
Sent: Tuesday, October 9, 2018 1:51 PM
To: Phelps, Brendan GCPE:EX; Bowness, Lianne GCPE:EX; Robb, Katie GCPE:EX
Subject: RE: Key Messages for Old Fort Landslide?

Is the Old Fort IN ready to be sent yet?

Danielle Pope | Media Relations
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Telephone: 250-356-8241 | Mobile: 778-679-0133
Danielle.Pope@gov.bc.ca

From: Nienaber, Janice GCPE:EX
Sent: Tuesday, October 9, 2018 9:18 AM
To: Pope, Danielle GCPE:EX; Phelps, Brendan GCPE:EX
Cc: Fernandes, Jennifer GCPE:EX; Bowness, Lianne GCPE:EX; Thomas, Vivian P GCPE:EX; Lowther, Brett GCPE:EX; Weiss, Jamie GCPE:EX
Subject: RE: Key Messages for Old Fort Landslide?

Yes, I can certainly hold – thank you!

Janice Nienaber | Public Affairs Officer

From: Pope, Danielle GCPE:EX
Sent: Tuesday, October 9, 2018 9:17 AM
To: Phelps, Brendan GCPE:EX
Cc: Fernandes, Jennifer GCPE:EX; Bowness, Lianne GCPE:EX; Thomas, Vivian P GCPE:EX; Nienaber, Janice GCPE:EX; Lowther, Brett GCPE:EX; Weiss, Jamie GCPE:EX
Subject: RE: Key Messages for Old Fort Landslide?

Hi Vivian and Janice – yes, we have messages on this. Are you ok to hold for a few, and we can get the latest for you? We're waiting for our update this morning. If you prefer the weekend's messages, we can send that on sooner.

Thanks,
Danielle

Danielle Pope | Media Relations
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
Telephone: 250-356-8241 | Mobile: 778-679-0133
Danielle.Pope@gov.bc.ca

From: Thomas, Vivian P GCPE:EX
Sent: Tuesday, October 9, 2018 9:13 AM
To: Nienaber, Janice GCPE:EX; Lowther, Brett GCPE:EX
Cc: Fernandes, Jennifer GCPE:EX; Bowness, Lianne GCPE:EX; Pope, Danielle GCPE:EX
Subject: RE: Key Messages for Old Fort Landslide?

Hi! We don't. by way of cc., redirecting you to transportation.

From: Nienaber, Janice GCPE:EX
Sent: Tuesday, October 9, 2018 9:08 AM
To: Lowther, Brett GCPE:EX; Thomas, Vivian P GCPE:EX
Cc: Fernandes, Jennifer GCPE:EX
Subject: Key Messages for Old Fort Landslide?

Hi Vivian and Brett,

I'm one of the PAOs at AEST, and we have a couple of events in the Fort St. John/Dawson Creek area this Friday.

By chance do you have any Key Messages/background on the landslide affecting the community just outside of Fort St. John?

<https://www.cbc.ca/news/canada/british-columbia/old-fort-landslide-1.4855041>

Thank you,
Janice Nienaber | Public Affairs Officer
Government Communications & Public Engagement
B.C. Ministry of Advanced Education, Skills and Training
T: 778-698-1824 | C: 250-208-4560 | E: Janice.Nienaber@gov.bc.ca

Phelps, Brendan GCPE:EX

From: Phelps, Brendan GCPE:EX
Sent: Monday, October 1, 2018 11:34 AM
To: Bowness, Lianne GCPE:EX
Subject: RE: Landslide bullets

Done

From: Bowness, Lianne GCPE:EX
Sent: Monday, October 1, 2018 11:31 AM
To: Phelps, Brendan GCPE:EX
Subject: RE: Landslide bullets

This looks great to me! thanks for those edits.

You can put today's date on it & put in the final folder - & I will share with the Min Office as I am just about to put an IN email up to them.

From: Phelps, Brendan GCPE:EX
Sent: Monday, October 1, 2018 11:29 AM
To: Bowness, Lianne GCPE:EX
Subject: RE: Landslide bullets

Updated

From: Bowness, Lianne GCPE:EX
Sent: Monday, October 1, 2018 11:27 AM
To: Phelps, Brendan GCPE:EX
Subject: FW: Landslide bullets

Hey Brendan – do you have an updated IN ready? (Susan Williams at EMBC is hoping for it)

From: Williams, Susan GCPE:EX
Sent: Monday, October 1, 2018 11:25 AM
To: Bowness, Lianne GCPE:EX
Subject: RE: Landslide bullets

Not to be a pain...but how are we doing on that note?

From: Bowness, Lianne GCPE:EX
Sent: October 1, 2018 10:08 AM
To: Williams, Susan GCPE:EX <Susan.Williams@gov.bc.ca>
Subject: RE: Landslide bullets

Thanks! We will have an updated IN (with the geotech part in there, as well as impact to roads) by 11 AM, if not sooner. I will pass this along.

From: Williams, Susan GCPE:EX
Sent: Monday, October 1, 2018 9:53 AM

To: Bowness, Lianne GCPE:EX

Subject: Landslide bullets

Hey Lianne...these are some general bullets we're using for the landslide near Old Fort. Wondering if you have a bullet on the geotechnical assessment stuff?

From: Williams, Susan GCPE:EX

Sent: October 1, 2018 9:47 AM

To: Turner, Jordan GCPE:EX <Jordan.Turner@gov.bc.ca>

Subject: Landslide bullets

- The Peace River Regional District has declared a State of Local Emergency due to a low-angle landslide near the community of Old Fort.
- The landslide originated near a gravel pit and caused the land underneath the large piles of gravel to drop several feet.
- The residents are NOT under immediate threat but the landslide has severely compromised the community's only access/egress route. Local authorities have evacuation plans in place should the need arise.
- Reports of downed power lines and Telus lines, as well as possible spot fires. Staff, including BC Wildfire, are monitoring the situation.

Phelps, Brendan GCPE:EX

From: Phelps, Brendan GCPE:EX
Sent: Thursday, October 4, 2018 1:53 PM
To: Robb, Katie GCPE:EX; Pope, Danielle GCPE:EX
Subject: RE: OFR

Hey Katie,

Did Scott send you an update on the Old Fort Road landslide today?

Thanks,
Brendan

From: Robb, Katie GCPE:EX
Sent: Wednesday, October 3, 2018 12:43 PM
To: Pope, Danielle GCPE:EX; Phelps, Brendan GCPE:EX; Lowe, Sonia GCPE:EX
Subject: OFR

Had to run out to QP prep before I could download ! Spoke to Scott Maxwell before I left. Moti will continue to be the lead on old fort road response, and I've asked EMPR to provide some QA on the gravel pit so Scott can address.

I think given then number of media requests it's a good idea to provide a proactive update to media (like we've done before in SIR). To that end, Scott will provide us an update before noon every day we can share proactively. He'll then send an EOD update we can choose to share or not.

Sound ok?

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
M: [250.920.8371](tel:250.920.8371)

Phelps, Brendan GCPE:EX

From: Phelps, Brendan GCPE:EX
Sent: Wednesday, October 3, 2018 1:13 PM
To: Robb, Katie GCPE:EX; Pope, Danielle GCPE:EX; Lowe, Sonia GCPE:EX
Subject: RE: OFR
Attachments: IN Old Fort Road Landslide.docx

Okay, sounds good.

Here is an updated IN with the most recent info.

The Northern Region has also set up a daily briefing call at 4:00pm for the rest of the week, which I'll dial in to.

From: Robb, Katie GCPE:EX
Sent: Wednesday, October 3, 2018 12:43 PM
To: Pope, Danielle GCPE:EX; Phelps, Brendan GCPE:EX; Lowe, Sonia GCPE:EX
Subject: OFR

Had to run out to QP prep before I could download ! Spoke to Scott Maxwell before I left. Moti will continue to be the lead on old fort road response, and I've asked EMPR to provide some QA on the gravel pit so Scott can address.

I think given then number of media requests it's a good idea to provide a proactive update to media (like we've done before in SIR). To that end, Scott will provide us an update before noon every day we can share proactively. He'll then send an EOD update we can choose to share or not.

Sound ok?

Katie Robb

Communications Director | Ministry of Transportation and Infrastructure
Government Communications & Public Engagement
M: [250.920.8371](tel:250.920.8371)

ADVICE TO MINISTER

CONFIDENTIAL ISSUES NOTE	Old Fort Road Landslide (near Fort St. John)
Ministry: Transportation and Infrastructure	
Date: October 3, 2018	
Minister Responsible: Claire Trevena	

ADVICE AND RECOMMENDED RESPONSE:

s.13

If asked, where did the landslide take place?

- The slide took place approximately 1 kilometre west of the Old Fort community, just south of Fort St. John.

If asked, what is the impact to the local community?

- There is no immediate risk to the Old Fort community, however the slide continues to move and it could be several days before it stops.
- Old Fort Road has been damaged, and the road to the community is closed until the site is safe for crews to start repairs.
- An evacuation order has been issued for the Peace River Lookout and lands directly south and south-east, which includes a gravel operation above the slide.
- The Old Fort subdivision is under evacuation alert, which may turn into an evacuation order at some point. This would not be due to lack of services, such as

electricity – but at this time, power has been restored.

- Two structures may be required to be put on evacuation order soon.
- Approximately half of the properties have voluntarily evacuated by boat, and an Emergency Social Services reception has been activated in Fort St. John.
- The Peace River Regional District has organized a water taxi for residents to go in and out of the community with three daily departures:
 - Departure from Old Fort (beach behind 8711 residence) to Taylor Boat Launch at 7:00am, 8:00am, 9:00am
 - Departure from Taylor Boat Launch to Old Fort (beach behind 8711 residence) at 4:00pm, 5:00pm, 6:00pm
- The Peace River Regional District “Official Page” is providing frequent updates: <https://www.facebook.com/OfficialPRRD/>

s.13

BACKGROUND REGARDING THE ISSUE:

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately 1 kilometre west of the Old Fort community, which is just south of Fort St John.

A preliminary field and air assessment has been completed, and landslide specialists are on route. The slide continues to move and it could be several days before it stops. 24-hour traffic control and slide monitoring is in place.

The Old Fort Road has been damaged and the road to the community is closed until the site can be determined to be safe to allow crews to enter to start the repairs.

The Ministry is working with the Peace River Regional District (PRRD) to find suitable access options for the residents in the meantime.

It has been determined that there is no immediate risk to the Old Fort community.

Phelps, Brendan GCPE:EX

From: Phelps, Brendan GCPE:EX
Sent: Wednesday, October 3, 2018 1:48 PM
To: Smith, Paula GCPE:EX; Robb, Katie GCPE:EX; Haslam, David GCPE:EX
Cc: Lowe, Sonia GCPE:EX; Beaupre, Darren GCPE:EX
Subject: RE: Old Fort Rd + Gravel Pit
Attachments: IN Old Fort Road Landslide.docx

Great, thanks Paula.

Feel free to send media requests about this our way, but if a reporter does throw a question at your minister at the Legislature, here is our IN:

Cheers,
Brendan

Brendan Phelps | Public Affairs Officer
Government Communications and Public Engagement
Ministry of Transportation and Infrastructure
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From: Smith, Paula GCPE:EX
Sent: Wednesday, October 3, 2018 1:42 PM
To: Robb, Katie GCPE:EX; Haslam, David GCPE:EX
Cc: Lowe, Sonia GCPE:EX; Beaupre, Darren GCPE:EX; Phelps, Brendan GCPE:EX
Subject: RE: Old Fort Rd + Gravel Pit

Nice to meet you too Katie!

Brendan, pleasure to meet you as well - I'll be reaching out shortly with the Q&A and updated info.

Best

Paula Smith | Public Affairs Officer
Ministry of Energy, Mines and Petroleum Resources
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c. 250-880-6549 d. 778 974-4676

From: Robb, Katie GCPE:EX
Sent: Wednesday, October 3, 2018 1:25 PM
To: Haslam, David GCPE:EX
Cc: Lowe, Sonia GCPE:EX; Beaupre, Darren GCPE:EX; Smith, Paula GCPE:EX; Phelps, Brendan GCPE:EX
Subject: Re: Old Fort Rd + Gravel Pit

Great thanks. Nice to meet you Paula! Brendan Phelps from our team (copied) is who you should connect with.

Katie Robb
Communications Director | Ministry of Transportation and Infrastructure

On Oct 3, 2018, at 1:19 PM, Haslam, David GCPE:EX <David.Haslam@gov.bc.ca> wrote:

Makes sense. Paula Smith is our PAO on the file. She'll work with you designated staff to get what you need. s.15

s.15 Working on getting more info.

From: Robb, Katie GCPE:EX
Sent: Wednesday, October 3, 2018 12:12 PM
To: Haslam, David GCPE:EX
Cc: Lowe, Sonia GCPE:EX
Subject: Old Fort Rd + Gravel Pit

Hi there,

Just off the phone with our Northern staff gaming out how best to coordinate spokespeople on site for Old Fort Rd. Scott Maxwell, our Regional Director up there, is happy to do it and I think it makes sense for MoTI to keep leading media response. Any objections? If no, would be helpful to have from you a few QA about the gravel pit (private) above Old Fort Rd to arm Scott with some info for future media requests.

Katie Robb

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ADVICE TO MINISTER

<p style="text-align: center;">CONFIDENTIAL ISSUES NOTE</p> <p>Ministry: Transportation and Infrastructure Date: October 3, 2018 Minister Responsible: Claire Trevena</p>	<p>Old Fort Road Landslide (near Fort St. John)</p>
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ADVICE AND RECOMMENDED RESPONSE:

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If asked, where did the landslide take place?

- The slide took place approximately 1 kilometre west of the Old Fort community, just south of Fort St. John.

If asked, what is the impact to the local community?

- There is no immediate risk to the Old Fort community, however the slide continues to move and it could be several days before it stops.
- Old Fort Road has been damaged, and the road to the community is closed until the site is safe for crews to start repairs.
- An evacuation order has been issued for the Peace River Lookout and lands directly south and south-east, which includes a gravel operation above the slide.
- The Old Fort subdivision is under evacuation alert, which may turn into an evacuation order at some point. This would not be due to lack of services, such as

electricity – but at this time, power has been restored.

- Two structures may be required to be put on evacuation order soon.
- Approximately half of the properties have voluntarily evacuated by boat, and an Emergency Social Services reception has been activated in Fort St. John.
- The Peace River Regional District has organized a water taxi for residents to go in and out of the community with three daily departures:
 - Departure from Old Fort (beach behind 8711 residence) to Taylor Boat Launch at 7:00am, 8:00am, 9:00am
 - Departure from Taylor Boat Launch to Old Fort (beach behind 8711 residence) at 4:00pm, 5:00pm, 6:00pm
- The Peace River Regional District “Official Page” is providing frequent updates: <https://www.facebook.com/OfficialPRRD/>

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BACKGROUND REGARDING THE ISSUE:

A landslide occurred on the Old Fort Road in the early hours of September 30. It is situated approximately 1 kilometre west of the Old Fort community, which is just south of Fort St John.

A preliminary field and air assessment has been completed, and landslide specialists are on route. The slide continues to move and it could be several days before it stops. 24-hour traffic control and slide monitoring is in place.

The Old Fort Road has been damaged and the road to the community is closed until the site can be determined to be safe to allow crews to enter to start the repairs.

The Ministry is working with the Peace River Regional District (PRRD) to find suitable access options for the residents in the meantime.

It has been determined that there is no immediate risk to the Old Fort community.

