

**TAB 10**

**Ralph, Peter**

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**From:** DeanneFisher@nalcenergy.com  
**Sent:** Wednesday, January 16, 2019 9:51 AM  
**To:** Miles, Peter; Cowan, John; Card, Jason  
**Subject:** RE: Wetland Capping initiative  
**Attachments:** MFA-SN-CD-0000-EN-RP-0015-01.pdf

Peter, John and Jason,

Looping you all into the dialogue between the project team and Department of Environment, specifically Gilbert and Jamie (see email thread below). I'm sure you all will be engaged from internal channels; however, in the meantime, I want to ensure you're all in the loop, and offer any additional information/answers and Qs you might have.

To summarize, earlier this week during a meeting with DMs and Gilbert, the decision to proceed with wetland capping at the Muskrat Falls generation site, as put forward by the Innu to the IEAC, was discussed. At that time, Gilbert advised that the project team would review SNC's recommendations to better understand what steps could be undertaken given that we are in the midst of winter and we are scheduled to begin impoundment for this summer. Gilbert has since outlined some of the issues present for Stan and Environment. The team are now re-engaging with SNC to determine what we can do.

I'm also attaching SNC's report on wetland capping for your information.

Any questions or anything further, please let me know.

Deanne



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You owe it to yourself, and your family, to make it home safely every day. What have you done today so that nobody gets hurt?  
 ----- Forwarded by Deanne Fisher/NLHydro on 01/16/2019 09:32 AM -----

From: "Chippett, Jamie" <JamieChippett@gov.nl.ca>  
 To: "'GBennett@nalcenergy.com'" <GBennett@nalcenergy.com>  
 Cc: "DeanneFisher@nalcenergy.com" <DeanneFisher@nalcenergy.com>, "smarshall@nalcenergy.com" <smarshall@nalcenergy.com>  
 Date: 01/16/2019 09:31 AM  
 Subject: [External] RE: Wetland Capping initiative

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Gilbert,

Noted. This is consistent with our discussion on Monday. I am available at any point in time to discuss path forward.

Jamie

**From:** GBennett@nalcoreenergy.com <GBennett@nalcoreenergy.com>  
**Sent:** Wednesday, January 16, 2019 9:04 AM  
**To:** Chippett, Jamie <JamieChippett@gov.nl.ca>  
**Cc:** DeanneFisher@nalcoreenergy.com; smarshall@nalcoreenergy.com  
**Subject:** Wetland Capping initiative

Jamie,

Further to our discussions on Monday regarding potential wetland capping, there are a number of points arising from the SNC-Lavalin report on wetland capping that need to be carefully considered in determining next steps.

In their report to the IEAC, SNC Lavalin assumed that work would be undertaken starting in the fall of 2018 and completed prior to April 2019 (Ref SNC-L Report, Attachment 2 - Assumptions). Section 5 of the report outlines the assumption that work be completed prior to the 2019 spring freshet, which in turn is prior to impoundment in 2019. They assumed that the contractor for the work would be mobilized over the summer and fall of 2018 so that work could be undertaken during the winter of 2018-19. That construction window is no longer available to us.

On the other end of the schedule, we are now running up against our impoundment window, which begins mid July and runs until September 30, 2019. From a construction perspective, we need to maintain the impoundment schedule and impound as early as possible to complete the spillway concrete placement and to permit commissioning activities for Unit 1 in advance of first power this year.

The areas targeted for capping are low lying wetlands, and as such, site conditions will not enable construction activities until after spring has passed and conditions have dried out this summer. Further, six of the 10 prospective areas are on the south bank of the Churchill River and access from our previous reservoir clearing program would have to be re-established before we could access those areas. I don't see a scenario where a contractor could complete the capping work after the spring thaw and before scheduled impoundment in mid July.

To summarize, the conditions assumed by SNC Lavalin in their report for the IEAC are no longer applicable, and consequently their execution plan and cost estimates are no longer valid. To understand what could be undertaken given the current situation, I have asked SNC Lavalin to identify whether any mitigation might be available to us. This could be in the form of work done after impoundment, which they discussed briefly in their report, or through some alternate approach that they may be able to suggest.

Document Front Sheet



NE-LCP Contractor/Supplier

Contract or Purchase Number and Description:		Contractor/Supplier Name:	
Document Title: Muskrat Falls - Soil and Vegetation Removal from the Future Reservoir Area – Targeted Scenarios		Total Number of Pages Incl. Front Sheet 94	
Contractor Document Number: 505573-0000-4GER-0002-00		Revision Number: 00	
Supplier Document Number:		Revision Number:	
NE-LCP Document Number: MFA-SN-CD-0000-EN-RP-0015-01		NE-LCP Issue Number: B1	
Approver's Signature: 		Date (dd-mmm-yyyy): 22-Mar-2018	Review Class:
Comments: 		Equipment Tag or Model Number:	

NE-LCP

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 02 – REVIEWED – INCORPORATE COMMENTS, REVISE AND RESUBMIT  
 03 – REVIEWED - NOT ACCEPTED  
 04 – INFORMATION ONLY  
 05 – NOT REVIEWED

Lead Reviewer:	Date (dd-mmm-yyyy):	Project Manager:	Date (dd-mmm-yyyy):
NE-LCP Management: 	Date (dd-mmm-yyyy): 22 Mar 2018		
General Comments:			