

**From:** [Springbank Community Association](#)  
**To:** [Matthew Hebert](#)  
**Cc:** [Laura Friend](#); [CEAA.Springbank.ACEE@ceaa-acee.gc.ca](mailto:CEAA.Springbank.ACEE@ceaa-acee.gc.ca)  
**Subject:** Fwd: Impact of Logging in MC1  
**Date:** July 26, 2019 2:08:53 PM  
**Attachments:** [MC1 2015 vs 2018.pptx](#)

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Hi, Mathew:

Thanks for our call yesterday. As requested, here are emails sent to the project email at AT that we have not received answers to.

Questions from the community #1

----- Forwarded message -----

**From:** **Springbank Community Association**  
<[springbankcommunityassociation@gmail.com](mailto:springbankcommunityassociation@gmail.com)>  
**Date:** Tue, Apr 2, 2019 at 2:12 PM  
**Subject:** Impact of Logging in MC1  
**To:** <[CEAA.Springbank.ACEE@ceaa-acee.gc.ca](mailto:CEAA.Springbank.ACEE@ceaa-acee.gc.ca)>, <[springbank-project@gov.ab.ca](mailto:springbank-project@gov.ab.ca)>  
**Cc:** <[banff.cochrane@assembly.ab.ca](mailto:banff.cochrane@assembly.ab.ca)>, Mark Kamachi (RVC) <[REDACTED]>,<[REDACTED]> Terry Dowsett  
<[REDACTED]>  
<[REDACTED]>

AB Transportation:

Can someone please tell us what impacts the increased logging in the McLean Creek area will have on the SR1 project and the flood risk to Bragg Creek and Redwood Meadows?

Based on the attached visual, between 2015 and now, there has been substantial logging in the MC1 area and one can reasonably assume that deforestation negatively impacts water retention in the mountains and consequently, the impacts the quantity and velocity of water flowing into the Elbow river.

The following article highlights benefits of in-tact forests in flood mitigation:  
<https://www.cbc.ca/news/canada/new-brunswick/forests-and-floods-clear-cutting-new-brunswick-floods-1.4703225>

Further, what, if any, assessments of the new logging on wildlife have been assessed? In the Deltares report, MC1 was assumed to be more important for wildlife than SR1. Again, one can only assume that logging and deforestation negatively impacts the wildlife in this area. Have wildlife counts been updated since the original reports were completed?

Karin Hunter

On Mon, Apr 1, 2019 at 4:44 PM Springbank Community Association  
<[springbankcommunityassociation@gmail.com](mailto:springbankcommunityassociation@gmail.com)> wrote:

AB Transportation:

"Even before the diversion was doubled in size, engineers estimated they would need to move approximately 200,000 dump trucks full of earth and rock as they excavate a canal over a four-kilometre stretch from where water leaves the river until it enters the dry reservoir.

As it passed through upland areas, the bottom of the canal would be as much as 25 metres below grade and more than 170 metres wide."

source: <https://calgaryherald.com/news/local-news/mclean-creek-dam-best-option>

Based upon the information above, please see the following questions:

#### ONE: CONSTRUCTION

Please, can someone tell our community how the construction phase of this massive project will impact our day to day lives and what mitigation measures are being taken?

- What is the updated projection for the # of dump trucks? We can only assume it is significantly more than the original 200,000? How will traffic be managed along all routes of the construction corridor?
- What is the construction season for this project (specific months)?
- Will there be any construction traffic on local roads or will it be confined to Hwy 22 and #1? Will construction traffic pass through Cochrane?
- What is the expected noise level?
- What is the expected dust to be generated?
- How will dust and noise be managed during this construction phase?
- Given the construction of the project will likely be during the tourism season, how will the project impact tourism in the Bragg Creek area during the construction phase (due to delays, road closures)? Presumably, the construction of this project will negatively impact tourism & therefore, the Bragg Creek economy, so has the government contemplated any compensation to area business?
- Will people's access to their homes and businesses along Highway 22 be impacted?
- How will cyclists be impacted by the significant amount of large construction vehicles? Will the busy cycling corridor be closed? How will the safety of cyclists be ensured?
- What is the risk to commuters, including school buses, between Springbank / Calgary and the Bragg Creek area of this additional construction traffic on impacted roads (Hwy 1, Hwy 22, Springbank Road)?
- What is the expected impact on area wildlife from the construction traffic, noise, etc. (specifically the elk herd that lives on the SR1 footprint, but predators also)?
- What safety mechanisms will be in place for the moving of the numerous pipelines to ensure the safety of area residents?

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## TWO: DIVERSION CHANNEL:

- What is the width of the diversion channel? Is it 170 meters wide (as mentioned in the article)? Please provide the current specifications in meters and feet for height and width.
- Has any thought been given to the contents of the diversion channel once it has been used? If so, what are the contents of the channel?
- Will any silt reside in the channel & how will it be managed? Will it be flushed out post-flood? If so, will flushing of this channel be an independent event from the original diversion of the river?
- How are animals expected to traverse this diversion channel, which runs a significant distance north/south. Will there be fencing along the length of the channel? If so, what type?
- Are animals or people at risk from attempting to cross the diversion channel?

## THREE: TESTING OF THE RESERVOIR & RELATED COMPONENTS POST-CONSTRUCTION:

- Will the reservoir be tested to simulate a flood once it is constructed? If so:
  - How much of the reservoir will be used for the test(s)?
  - Will Springbank Road be impacted?
  - How long will water be held?
  - Will water temperature be monitored at various points in the reservoir?
  - Will mosquito populations be monitored?
  - Will downstream water quality be monitored?
  - Will groundwater quality be monitored? Where and how?
  - How will the impact of the temporary storage of water on aquatic life be measured?
  - How will air quality be monitored following a test? How will dust be tracked & measured?
- How frequently will the testing be done on an ongoing basis and what will that testing consist of?
- What notifications will be given for testing to area residents, businesses, schools, etc?

I await your responses.

Thanks,  
Karin Hunter

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Karin Hunter  
*President*



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*President*



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