

From: Don Hoffmann [[<email address removed>](mailto:)]
Sent: June 2, 2012 12:48 AM
To: SiteC Review / Examen SiteC [CEAA]
Subject: Environmental Assessment For Site C

To;
Linda Jones, Panel Manager

Canadian Environmental Assessment Agency

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SiteCReview@ceaa-acee.gc.ca

May 30, 2012

Dear Ms. Jones,

I'm adding comments to be addressed during the Site C Environmental Assessment

The pictures attached show some of the unstable clay/shale slopes typical of the slopes and soils in and around the proposed Site C impoundment

The pictures of the bear show the difficulties the animals of the Peace valley face when trying to climb or cross the many unstable clay/shale slopes in and around the proposed Site C impoundment.

The pictures of the bear were taken on the lower Halfway river within the proposed impoundment. While boating on the river I came across this bear at the river level, crossing a long slope that had sloughed. While drifting past the bear, instead of following the river the bear tried to climb the slope. He made it 1/3 of the way up the slope before he appeared unable to go up or down, just hanging there. I drifted past unsure of what happened to him. The slope above him was a typical slope that appeared to be almost vertical with overhanging banks at the top of the slope. I've heard of similar stories where people encounter animals on similar slopes, the animals panic and try to escape up the slope only to fall/roll back down to the water.

When I look at the proposed erosion line and the Stability impact line for the proposed impoundment I imagine there will be many sloughed slopes that will impede the regions wildlife when travelling and migrating thru and around the valley between wintering, birthing areas and foraging areas.

When looking at the Yellowstone to Yukon migration corridor along the Rockies, it is already severely affected by the Williston and Dinosaur impoundments on what was once the Peace river. The proposed Site C impoundment, the 3rd dam on the river I believe would severely affect the ability for the animals to easily migrate thru the region. The increased water level and all the slopes that would slough would make it more difficult for animals to cross the river. You hear very few stories of people encountering animals in the Williston and Dinosaur impoundments but lots of stories of animals crossing the Peace and Halfway rivers. There is a number of islands within the proposed impoundment which would be flooded, that would affect birthing areas as well as make the swim across the Peace much more difficult with the increased water levels and wave action.

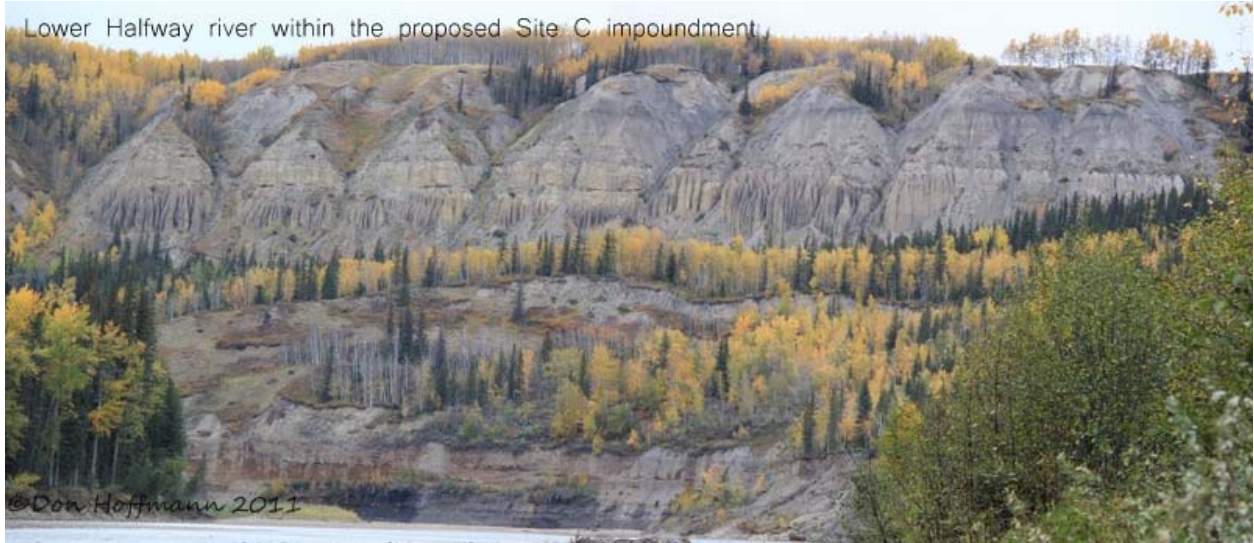
A lot of people have suggested that when the water table is raised ,with the type of soils we have in the Peace valley a lot of unstable slopes will slough into the proposed impoundment.

I hope the the stability of the areas slopes will be looked at as well as the pinch point in the Yellowstone to Yukon migration corridor that will be severely affected by the proposed Site C impoundment

Respectfully Don Hoffmann

<personal information removed>

Lower Halfway river within the proposed Site C impoundment





Peace river within the proposed Site C impoundment

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Unstable Clay/Shale Slopes
Lower Halfway river within the proposed Site C impoundment

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Unstable Clay/Shale Slopes Halfway river

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