

September 27, 2021

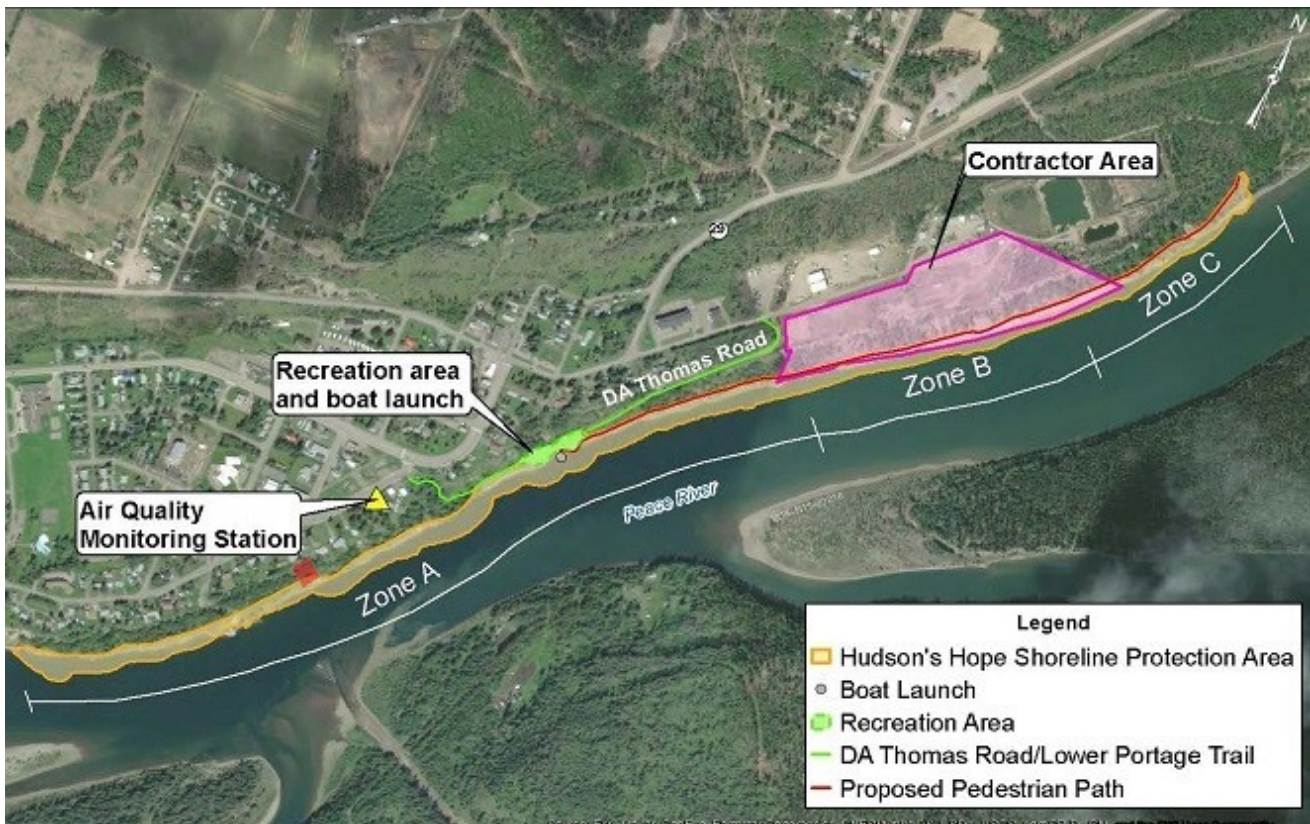
Re: Sloughing of slope at Hudson's Hope berm site

Dear Hudson's Hope resident,

On September 24, 2021, a portion of the slope above the area where BC Hydro is constructing the Hudson's Hope shoreline protection berm sloughed into the Peace River. The sloughing involved approximately 500 m³ of material, along an area 25 metres across and 15 metres high.

These types of sloughing events are known to occur naturally along the shoreline in Hudson's Hope due to the geography in the area; this knowledge has informed the design and construction of the shoreline protection berm.

We took immediate action to make the area safe, alerted local officials, and called in geotechnical experts to advise on next steps.



The area of localized sloughing is identified by the red square on the map above.

Geotechnical experts are now on site

Geotechnical experts are now on site, working on a solution to stabilize the slope where the sloughing occurred. Initial steps involve placing large riprap below the slough to prevent further undercutting of the slope. We will work with our construction contractor to complete these measures.

Once stabilization is complete, geotechnical experts will determine the cause of the sloughing and advise on whether additional measures are required. We're confident the stabilizing measures we will put in place will allow us to safely resume construction in a timely manner.

Library and seniors club are temporarily closed

As a precaution, the District of Hudson's Hope has temporarily closed the library and New Horizons Seniors Club. We've also notified nearby landowners, and ask all members of the public to stay away from the area.

The berm will protect the shoreline

The berm – a large barrier made of riprap, rocks and gravel – will reinforce the shoreline and protect it from potential erosion once the Site C reservoir is filled. These slopes have historically been prone to river erosion at the bottom of the slope, and ongoing shallow sloughing from the mid to upper slopes, similar to the event that recently occurred.

We will continue to keep you updated throughout this process. Please feel free to contact us if you have any questions or concerns.

Sincerely,
Site C Project Team

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