



Transport Canada Transports Canada

Navigation Protection Program  
Suite 610, 800 Burrard Street  
Vancouver B.C. V6Z 2J8

Our file  
2016-500031

July 27, 2016

BC Hydro  
Suite 600 - Four Bentall Ctr, 1055 Dunsmuir St.  
PO Box 49260  
Vancouver, BC V7X 1V5

**Attention: Karen von Muehldorfer**

**RE: Notice to the Minister under the *Navigation Protection Act* for review of the Debris Boom, located on the Peace River, Site C Dam, on unsurveyed foreshore or land covered by water being part of the bed of Peace River, Site C, lying within Sec 28, Twp 83, Rge 19, West of the 6th Meridian Peace River District, City of Fort St. John, in the Province of British Columbia**

Our assessment of your work has determined that it is not likely to substantially interfere with navigation.

Therefore your work is permitted under section 9(1) – Placement, of the *Navigation Protection Act* (NPA) and you may proceed per the attached plan (1) in accordance with the following terms and conditions:

1. The works are to be constructed or installed in accordance with the reviewed plans.
2. Upon installation of the work, the NPA authorization and its Terms and Conditions shall be posted at the dam site office.
3. All anchor lines are to be fabricated of non-buoyant material or must be counterweighted to prevent them from floating.
4. Yellow cautionary buoys are to be placed and maintained along the shear boom. These buoys are to be no more than 100 metres apart, and no less than 0.6 metres in diameter. Horizontal bands of yellow retroreflective tape not less than 10 cm in width and 15 cm in length, shall be placed at intervals around the horizontal circumference of the buoys or displayed from suitable topmarks that are visible from all directions.
5. The buoys are not required if yellow retroreflective tape, not less than 10 cm in width are placed around the circumference of the each boom segment.
6. Northern end of the shear boom shall be marked with a flashing yellow light (0.5 sec. flash, 3.5 sec. eclipse). The light is to be in operation in periods of darkness or limited visibility, with a minimum nominal range of 1 nautical mile.
7. Buoys shall be inspected at the beginning of the open water season and repaired or replaced as required. The flashing light at the end of the boom shall be checked monthly for operation during the open water season.
8. Navigation into the Moberly River is to be maintained and not blocked by the boom or anchor lines. A navigation channel of no less than 5 metres depth at 460.0 metres ASL and with a

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- width of 70 metres between the RSEM R5A and northwest end of the debris boom must be maintained.
9. A navigation channel of no less than 5 metres depth at 460.0 metres ASL and with a width of 70m between the RSEM L5 and the debris boom must be maintained.
  10. As built plans of the works are to be forwarded to Transport Canada upon completion of the project.
  11. The proponent shall inspect the boom monthly during the boating season or after significant weather events.
  12. In the event that the operation of the above works is terminated, it will be the owner's responsibility to remove the works and associated equipment in its entirety including any anchors and pilings. The banks and bed of the waterway disturbed by the works shall be contoured to match the local conditions as required.

Pursuant to Sec. 34 of the *Navigation Protection Act*, the owner shall provide unimpeded access to the Minister or their representatives for inspection purposes.

Pursuant to Sec. 5 of the *Navigable Waters Works Regulations*, all temporary piles, false works, silt curtains, construction material or debris, etc. are to be completely removed from the waterway.

This permission relates only to the effect of your work on navigation under the NPA and does not grant any rights related to the ownership of the bed of the waterway. It is the owner's responsibility to comply with any other applicable acts and regulations.

Please also note that the NPA, amongst other obligations, requires the owner to immediately notify the Minister if your work causes or is likely to cause serious or imminent danger to navigation and take reasonable measures to remediate the danger to navigation (section 12 of the NPA).

**Should you have any questions, please do not hesitate to contact our office in Vancouver by phone at (604) 775-8867 or by e-mail at [NPPPAC-PPNPAC@tc.gc.ca](mailto:NPPPAC-PPNPAC@tc.gc.ca).**

Respectfully,



Colin Parkinson  
Officer  
Navigation Protection Program  
Programs Group  
Transport Canada  
Pacific Region

cc DFO - Brian Naito  
CEAA - Steve Chapman  
FLNRO - Rhonda Cage