



Transport Canada Transports Canada

Navigation Protection Program  
Suite 620 – 800 Burrard Street  
Vancouver, BC V6Z 2J8

Our file Notre référence  
2014-500333

September 16, 2015

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

**Attention: Bettina Sander**

**RE: Notice to the Minister under the *Navigation Protection Act* for review of a 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, 4.2 km downstream of Attachie, in the Province of British Columbia**

Enclosed please find the Approval for the above-noted work issued by the Minister of Transport in accordance with subsection 6 (1) Construction, of the *Navigation Protection Act* (NPA).

Proponent is reminded that the approval for this work under the Navigation Protection Act (NPA) does not authorize restriction of navigation on the waterway.

Pursuant to Sec. 34 of the Navigation Protection Act, the owner shall provide unimpeded access to the Minister and their representative 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.

Please note that the attached document relates only to the effect of your work on navigation under the NPA. It is the owner's responsibility to comply with any other applicable laws and regulations.

**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 [NPPAC-PPNPAC@tc.gc.ca](mailto:NPPAC-PPNPAC@tc.gc.ca).**

Respectfully,

Ryan Greville  
Navigation Protection Program  
Programs Group  
Transport Canada  
Pacific Region

CP/co

cc DFO- Brain Naito  
CEAA – Steve Chapman  
MPMO – Timothy Archer



**NAVIGATION PROTECTION ACT**  
Section 6 (1)

2014-500333

## Approval

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

**WORK:** Debris Boom

**SITE LOCATION:** Located at Approximately 56° 14' 17.99" N x 121° 20' 26.25" W, Peace River, Site C Dam, located on unsurveyed foreshore or land covered by water being part of the bed of Peace River, Site C, 4.2 km downstream of Attachie, in the Province of British Columbia.

Regarding the application (detailed above) to the Minister of Transport, submitted pursuant to the *Navigation Protection Act*, for an approval of the work per the attached plan (1), the Minister hereby approves the work pursuant to subsection s.6(1) Construction in accordance with the following terms and conditions:

1. The NPA Approval and its Terms and Conditions shall be posted at an easily accessible place at the worksite.
2. In the event that the operation of the above works is terminated, it will be the proponent'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 should be contoured to match the local conditions if required.
3. Proponent shall ensure that safe vessel passage is maintained past the boom for both upstream and downstream vessel traffic. The Proponent shall readjust the boom as required to maintain vessel passage during low water events.
4. Signage showing the location and layout of the debris boom shall be placed at the Halfway River and Lynx Creek boat launch.
5. Yellow Cautionary buoys are to be placed and maintained along the Shear boom. These buoys are to be no more than 100 metres apart, no less than 0.6 metres in diameter. Horizontal bands of yellow reflective tape not less than 10 cm in width and 15 cm in length shall be: (1) Placed at intervals around the horizontal circumference of the buoys or; (2) Displayed from suitable topmarks provided a reflective surface of not less than 10 cm X 15 cm is visible from all directions.
6. The Proponent shall inspect the boom weekly or after significant weather events to ensure that they are in position and are not a hazard to navigation. The proponent to conduct any required maintenance in an expedient manner.
7. Both ends and the midpoint of the upstream shear boom shall be marked with flashing yellow lights. The lights are to be in operation in darkness or limited visibility. The light will display either a 0.5 second flash every 4 seconds, with a minimum nominal range of 1 nautical mile. Proponent shall regularly inspect buoy to ensure light function.
8. Yellow Cautionary buoys are to be placed and maintained along the downstream boom with yellow 1 cautionary per channel (2 in total). These buoys are to be no less than 0.6 metres in diameter. Horizontal bands of yellow reflective tape not less than 10 cm in width and 15 cm in length shall be: (1) Placed at intervals around the horizontal circumference of the buoys or; (2) Displayed from suitable topmarks provided a reflective surface of not less than 10 cm X 15 cm is visible from all directions.
9. Install and maintain warning signs at locations approximately 200m upstream of the top end of the shear boom on both sides of the waterway advising of the work in progress. Signs shall be a minimum of 72" x 48", a white background with black lettering, with text as outlined below. Sign to be emplaced prior to and for the duration of construction.

**WARNING CONSTRUCTION AHEAD**



10. Install and maintain warning signs at locations approximately 300m downstream of the Lower boom at the entrances of the side channels advising of the work in progress. Signs shall be a minimum of 72" x 48", a white background with black lettering, with text as outlined below. Sign to be emplaced prior to and for the duration of construction.

**WARNING CONSTRUCTION AHEAD**

11. Proponent may use the Canadian Dam Association signage standards in regards to shape, colour and size. Locations and wording are to be as per the Terms and Conditions of the permit or approval.
12. The midpoint boom blocking the small side channel shall be marked with orange High-visibility markers visible to vessels approaching from downstream.
13. Construction machinery left in the water during darkness or limited visibility shall be marked with a flashing yellow light visible to upstream and downstream traffic.
14. Any construction equipment anchored or left in or on the waterway shall be marked with a yellow flashing light placed on the outermost extremity from dusk to dawn.
15. In the event that the operation of the above works is terminated, it will be the proponent'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 are to be contoured to match the local conditions if required.

SIGNED in two copies on Sept 29/15 in, Vancouver BC

Ryan Greville  
Manager  
Navigation Protection Program  
Programs Group  
Transport Canada  
Pacific Region  
for the Minister of Transport