Navigation Protection Program
Programs Group
Transport Canada

April 28, 2020

BC Hydro
600 – Four Bentall Ctr
1055 Dunsmuir St
Vancouver, BC, V7X 1V5

Attention: Karen von Muehldorfer

RE: Amendment of approval under the Canadian Navigable Waters, 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

- Debris Boom

Please find enclosed an Amendment of approval as per section 9(3)(d) under the Canadian Navigable Waters to your approval for the above-noted work originally issued under section 6(1) of the Navigation Protect, dated May 18th, 2017.

The amendment is effective as of the date of this letter with the approved two (2) drawings.

Please note that the attached document relates only to the interference of your work with navigation under the CNWA and does not grant any rights related to the ownership of the bed of the navigable water.

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 Pacific by phone at 604-775-8867 or by e-mail at NPPPAC-PPNPAC@tc.gc.ca.

Respectfully,

Eric Leung
Navigation Protection Program
Programs Group
Transport Canada
Pacific Region

EL/sr

Attachments: 9(3)(d) Amended Approval Document and Approved Drawings
APPRAISAL

APPLICANT: Karen von Muehldorfer
600 – Four Bentall Ctr
1055 Dunsmuir St
Vancouver, BC, V7X 1V5

WORK: Temporary Debris Boom

SITE LOCATION: Located at 56°12'32.82"N, -120°55'59.83"W, on the Peace River District, in the Province of British Columbia.

As per the application (detailed above) to the Minister of Transport, submitted pursuant to the Canadian Navigable Waters Act, for an approval of the work per the attached two (2) plans, the Minister hereby amends the approval to the work pursuant to subsection 9(3)(d) for the construction, of the above mentioned work, in accordance with the following Terms and Conditions:

1. The CNWA Amended Approval and its Terms and Conditions shall be posted at the dam site office, and be provided to the contractor conducting the work.

2. In the event that the operation of the above works is terminated prior to completion, it will be the proponent’s responsibility to remove the works and associated equipment in its entirety from the waterway 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.

3. The owner shall provide information about any temporary closures to vessel traffic using the Boater Communications Protocol, and post the information on the owner website, on a page related to the project.

4. Any construction equipment anchored or left in or on the waterway overnight shall be marked with a yellow flashing light placed on the extremity closest to the middle of the channel, so as to be visible in all directions to vessel traffic.

5. A minimum of 3 yellow cautionary buoys, no less than 1 meter in diameter, with one placed at each end and one at the midpoint of the boom, are to be equally spaced and maintained along the boom. A minimum of two horizontal bands of yellow retro reflective tape not less than 10 cm in width x 15 cm in length shall be placed around the horizontal circumference of the buoys, and be visible from all directions. All buoys shall have a flashing yellow light at the top displaying a 0.5 second flash every 4 seconds, with a minimum nominal range of 1 nautical mile. The proponent shall inspect the buoys weekly to ensure the lights are functioning.

6. The proponent shall commence with the Boater Communication Protocol and required communications 30 days prior to the installation of the boom, advising users of the boom installation date, and information regarding the portage system.

7. As built plans of the works are to be forwarded to TC upon completion of the project.

8. The proponent shall inspect the boom every 2 weeks or after any significant weather event.
9. The proponent shall install and maintain warning signs on both banks of the river at locations approximately 3 kilometers, 1 kilometer, 500 meters upstream and approximately 500 meters downstream of the boom site. The signs shall state:

At approximately 3km upstream:

WARNING BOOM AHEAD
River blocked 3km ahead

At approximately 1000m upstream (Can be combined with Portage sign):

WARNING BOOM AHEAD
River blocked 1km ahead

At approximately 500m upstream:

WARNING BOOM AHEAD
River blocked 500m ahead

At approximately 500m downstream:

WARNING BOOM AHEAD
River blocked 500m ahead

At the navigation opening of the construction bridge on the Peace River facing downstream:

WARNING
River blocked 4km ahead

And be in accordance with the Canadian Dam Association Technical Bulletin on Public Safety around Dams, 2011 or as updated.

Portage System for the temporary Debris Boom

10. The Portage Terms and Conditions #10 to #14 of this permit shall supersede Terms and Conditions #9 to #12, and Appendix A of the of the approval for the Main Civil Works (NPA File #2008-500822) until the river is:

   a. Physically closed by the work approved under the Navigation Protection Act (NPA), File #2008-500822; or
   b. The temporary boom for which this portage condition applies is removed; or
   c. In the opinion of Transport Canada, it is deemed unsafe for transit.

11. The proponent shall keep a record of the number of portages that were conducted during its first operating period (May 15, 2020 to September 15, 2020), as well as the date, time, type of vessel, and the number of passengers. The record shall be discussed with Transport Canada by December 31, 2020 to determine if changes to the portage system are required.

12. A non-motorized vessel portage system includes appropriate boat launches and the transportation of non-motorized vessels, and allowable passengers for each such vessel. The owner is only required to portage non-motorized vessels that are already waterborne, that have arrived by water to the boat launch from another location and have met the notification requirements.

13. The owner is required to portage up to the allowable number of passengers based on the certified capacity of the portaged vessel. The owner can request this information as part of its notification requirements.
The owner shall:

a) Between May 15 and September 15, provide a portage system operating in both directions from downstream of the construction zone to upstream of the construction zone to transiting non-motorized vessels between the hours of 7am and 7pm daily. The portage system shall be able to transport the non-motorized watercraft typically transiting the river.

b) Post notice of the suspension of service and post the reason for the suspension of service on the BC Hydro website or at the point of reservation, and at the portage locations, if the portage system is not in operation at any time during the operating period of May 15 and September 15, or the reservoir is being filled.

c) Operate the portage system if provided notification 7 days in advance, unless multiple vessels are transiting together (a public or groups event) in which case a minimum of 2 weeks notice is required.

d) Provide adequate information about the portage systems and notification requirements using the Boater Communications Protocol; and

i. For the initial start of the portage systems, publicize in regional newspapers bi-weekly for the first month, weekly for the next 2 months (can be combined with river closure information)

ii. For subsequent years of construction, publicize weekly for the months of April, May and June

iii. Permanently post notice at the Peace Island Park boat launch

iv. Permanently post notice at the Halfway river boat launch

v. Permanently post notice at the Lynx Creek boat launch

vi. Post portage information on the owner website, on a page related to the project

14. Install and maintain a sign on the opposite bank of the portage indicating that the portage is on the opposite side. The sign shall be a minimum of 72” x 48”, a white background with black lettering. The sign is to be emplaced prior to and for the duration of the boom, until the river is closed by other permanent works.

SIGNED on April 28, 2020 in Pacific

Eric Leung
Navigation Protection Program
Programs Group
Transport Canada
Pacific Region
For the Minister of Transport

EL/sr