

March 2017

Re: Notice of Site C Construction Activities: April to June 2017

This letter describes the construction activities planned from April 1 to June 30, 2017. For the upcoming three-month period, the construction focus will be on the advancement of earthworks at the dam site and continued preparation for work in other project areas. Work areas will include the dam site, the eastern and lower reservoir, public roads used to access the dam site, segments of Highway 29, Hudson's Hope, the transmission line corridor including access roads, Wuthrich Quarry, West Pine Quarry and Portage Mountain Quarry.

Please note that the information provided in this map and letter may change based on the Site C contractors' specific plans and schedules.

For all of the activities described in this letter, the necessary permits, authorizations, licenses or government approvals have been or will be obtained as required to proceed with the work. Geotechnical site investigations, air quality monitoring, heritage and other field studies are ongoing. BC Hydro will continue to provide field study notices of these activities. In all of the identified work areas, geotechnical site investigations, including the drilling of test holes, may be required.

April through June 2017

The following construction-related activities are expected to commence, continue, or be completed in the period from April through June 2017:

Dam Site Area

- **Clearing and debris management:** Vegetation and tree clearing may continue on the north and south banks of the dam site. Wood waste and debris may be disposed or removed from site.
- **Access roads at the dam site:** Crews will continue to maintain the dam site access roads and existing south bank resource roads, including the petroleum development roads. The main civil works contractor will construct and maintain access roads for their work areas.
- **Excavation and material relocation:** Excavation will continue on the north and south banks. Excavated materials will be moved to designated relocated surplus excavation material (RSEM) sites, which are being constructed at the dam site on both the north and south banks. Dikes will be constructed for the RSEM sites and some dredging may be required.
- **Main civil works:** The main civil works contractor will continue their construction activities on site during this period. In addition to the excavation mentioned above, this work will include:
 - Continued mobilization of crews, equipment and materials.
 - Continued construction of site infrastructure and access roads.
 - Installation of geotechnical instrumentation on the north and south banks.

- The continuation of earthworks on the north and south banks, including excavation and north bank slope stabilization. This may include blasting on the south bank.
- Construction of the south bank drainage tunnel. This will require tunnelling.
- Continued excavation for the south bank approach channel.
- Material will be crushed for use in the production of roller-compacted concrete (RCC) for the buttress on the south bank. Concrete batching will occur at the contractor's on-site batching facilities.
- Excavation will continue for the powerhouse buttress and work will occur to prepare the foundation.
- Construction will commence for the RCC buttress.
- Construction of the inlet cofferdam on the north bank.
- Construction of the north bank cofferdam.
- Riprap placement along the cofferdams.
- Ongoing excavation for the Site C substation.
- Excavation may begin for the earthfill dam.
- Dam site security: Security fences and signs will be installed and maintained.
- Viewpoint: Construction of the north bank viewpoint, and the access road leading to the viewpoint, reached substantial completion in fall 2016. Paving, landscaping and the installation of display and directional signs will occur in spring and summer 2017.
- Turbines and generators contractor: The turbines and generators contractor is expected to access their laydown and work area on the south bank of the dam site in March. Work planned for this period includes the mobilization of crews and equipment to the work area and the beginning of excavation and foundation preparation for the on-site manufacturing facility. Construction of the manufacturing facility building is expected to commence in this period.
- Distribution line: Work may occur to extend an existing distribution line from Old Fort Road to the entrance of Myca Pit.
- Site C substation: Investigative works may occur for the Site C substation. The contractor for this work may mobilize crews and equipment to the work area.

Public Roads and Highways

- Public road upgrades: Upgrade work for 271 Road and Old Fort Road will continue in this period. Paving for both roads will be completed in spring/summer 2017, weather dependent.
- Highway 29 at Cache Creek/Bear Flat: Clearing and grubbing may continue in the area for the new Highway 29 alignment and the aggregate sources at Cache Creek/Bear Flat. During this time, structures will be removed and/or demolished at sites along the right-of-way. Heritage investigations will be ongoing.
- Highway 29 at Halfway River: Survey work, geotechnical investigations and heritage monitoring will occur as required to support detailed design development at Halfway River.

- Distribution relocations: Investigative work may occur along Highway 29 for distribution line relocations required as a result of the planned Highway 29 realignments.

Peace River/ Reservoir

- Reservoir clearing: The reservoir clearing contractor may continue clearing in some areas of the lower and eastern reservoir in areas that do not have active bird nesting. This clearing is required now to prepare the area for the work that will facilitate river diversion in 2019. In the coming period, planned work areas include (please see map for more detail):
 - Clearing the eastern and lower reservoir on the north and south banks of the Peace River from the dam site to Cache Creek, including Tea Island.
 - Clearing in the Moberly River valley.
- Timber removal: Merchantable logs will be decked and transported to local mills. Waste wood will be disposed.
- Halfway River debris boom: Survey work and geotechnical investigations will occur to support the design of the Halfway River debris boom.
- Moberly River debris boom: Now that the Moberly River bridge is complete, a debris boom will be installed upstream of the bridge. This boom will restrict navigation of the Moberly River for boaters and recreation users who wish to travel upstream of the bridge.

Transmission Works

- Access road upgrades: Portions of existing access roads, including Highway 29-1, Peace Hill Road, Trapper Main Road, Medicine Woman Road, Boucher Lake Road, Monias Road, Del Rio Pit Road and Ice Bridge 3 Road, will continue to be upgraded to provide safe construction access to the transmission line right-of-way. This work may include clearing and brushing, construction of ditches and vehicle pullouts, installation of bridges, subgrade reconstruction, culvert installation and final surfacing, and is expected to continue in in this period.
- Clearing work: Tree clearing and vegetation removal may occur in the transmission line right-of-way, and in a 14-metre-wide area on the north side of the right-of-way, between the dam site and just west of Jackfish Lake Road. This work will include the construction of temporary and permanent access roads within the right-of-way. Clearing work for this portion of the transmission line began winter 2017 and may continue into summer 2017.
- Peace Canyon Generating Station: Some clearing may occur on BC Hydro-owned land at the Peace Canyon Generating Station to prepare the site for the expansion of the 500 kV switchyard, which is where the two new 500 kV transmission lines will connect to the BC Hydro system.
- Survey and investigative works: Surveying and investigative works will continue along the transmission line right-of-way in preparation for the construction of the new 500 kV transmission lines.
- Telecommunication: A temporary communications site will be installed along the transmission line right-of-way to support the contractor's radio communications.

Hudson's Hope

- Initial site investigations: Initial survey work and geotechnical investigations will occur in Hudson's Hope to support detailed design development for the shoreline protection project.

Production and Transport of Materials

- Wuthrich Quarry: Riprap will be produced for use in construction at the dam site. Blasting will occur as part of this work.
- West Pine Quarry: Riprap will be produced for use in construction at the dam site. Blasting will occur as part of this work.
- Portage Mountain Quarry: Internal access roads will be constructed and a trial blast will occur. Riprap will be produced for use in the Highway 29 realignments.
- 85th Avenue Industrial Lands: The main civil works contractor will continue work at the 85th Avenue Industrial Lands during this period. This will include the preparation of offices, a parking lot and laydown/stockpile areas. Work will occur to prepare the Industrial Lands for excavation.
- Conveyor belt system: Preparatory work will continue for the temporary conveyor belt system. Work will include continued clearing in the right-of-way for the conveyor and the construction of access points. Fencing will be installed along the conveyor right-of-way.

Leaves to Commence Construction

During the course of construction, BC Hydro will apply for a series of Leaves to Commence Construction (LCCs) under its Water Licences in order to construct particular project works or components of project works. Construction-related activities under the LCCs are also independently reviewed by the Independent Engineer (IE) and the Independent Environmental Monitor (IEM) as required by BC Hydro's Water Licences.

To date, BC Hydro has obtained LCCs for the initial works, relocated surplus excavated materials (RSEMs) storage areas, north and south bank excavations, construction of the south bank stage one cofferdam and clearing of the eastern reservoir. In the upcoming three-to-six month period, BC Hydro will be seeking LCCs for construction of the north bank stage one cofferdams and diversion works, RCC buttress preparation and RCC placement, geotechnical investigation works for the Halfway River debris boom and the Hudson's Hope shoreline protection project, and for excavation and foundation placement for the earthfill dam and approach channel.

What to Expect

During this time period, the following can be expected:

- There will be truck traffic on public roads as construction crews mobilize and the hauling of rock and timber continues. This will include increased industrial traffic on resource roads and public roads from Chetwynd leading to the site on the south bank.
- Day, night and weekend shifts will be scheduled.

- Some noise will occur in the vicinity of the dam site, along public roads, in and around the transmission line right-of-way and in other work areas as a result of the scheduled construction activities.
- Some noise and vibration will result from the periodic blasting that is occurring in Wuthrich Quarry, West Pine Quarry and Portage Mountain Quarry. Material hauling may occur at night.
- Travelling public may experience minor delays on Highway 29 in the Cache Creek/Bear Flat area as a result of clearing operations near the existing highway.
- There will be construction work occurring in and around the Peace River within the dam site and in and around the Moberly River valley.
- There will be construction work, including clearing and access road construction, occurring in and around the transmission line right-of-way. Minor delays are expected in and around the access roads.
- Public safety signs and beacons have been installed on the north and south banks of the Peace River, upstream and downstream of the dam site, to mark the boundaries of the active construction area. Until further notice, boaters will be able to pass through the dam site, but will not have shoreline access in the dam site construction area. A security boat will be actively monitoring boat traffic.
- BC Hydro is monitoring air quality in the Site C project area. This data is being added to the Ministry of Environment's BC Air Quality Monitoring Data (<http://www.bcairquality.ca>). The Ministry uses this data to report on air quality trends. In the event of poor air quality, the Ministry will release air quality advisories through a notification list.

Learn More

- Visit the project website: sitecproject.com
- Follow the Site C Twitter account: [@sitecproject](https://twitter.com/sitecproject)
- Call the toll-free project line: 1-877-217-0777
- Email the project team: sitec@bchydro.com
- Send an enquiry or feedback online at: <https://www.sitecproject.com/contact-us#enquiry>