

December 2017

Re: Notice of Site C Construction Activities: January to March 2018

As you may be aware, the government has announced their decision to proceed with the construction of the Site C project. For more information, please visit the [Province of B.C. website](#).

We acknowledge that Site C is a large and complex project that has faced many challenges, impacting the budget and schedule. As a result of some of these challenges, the project has revised the date for river diversion to 2020. The project is still on track to meet the in-service date of 2024.

This letter describes the work planned from January 1 to March 31, 2018. For the upcoming period, construction is planned to focus on the advancement of earthworks at the dam site, clearing and access road work in the transmission line corridor and clearing and road upgrades in the lower and eastern reservoir. Upcoming work and investigation areas will include the dam site, segments of Highway 29, Wuthrich Quarry, West Pine Quarry, the transmission line corridor, the lower and eastern reservoir and the Peace Canyon Substation.

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 prior to proceeding with the work. Geotechnical site investigations, air quality monitoring, heritage and other field studies are ongoing. BC Hydro will continue to provide annual 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.

BC Hydro requests the use of caution when hunting, shooting or setting traps in the vicinity of the Site C transmission line corridor for the safety of public and workers in the area. Please watch for signs that indicate active work areas.

January to March 2018

The following construction-related activities are expected to commence, continue or be completed in the period from January to March 2018:

Dam site area

- Debris management: Waste wood and debris will be disposed or removed from site. This may include mulching, spreading and burning at site, and/or hauling off site.
- Access roads: Crews will continue to maintain the dam site access roads and existing south bank resource roads, including the petroleum development roads.
- Main civil works: The main civil works contractor will continue their construction activities during this period. This work will include:
 - Mobilization of crews, equipment and materials
 - Construction and maintenance of site infrastructure
 - Installation and monitoring of geotechnical instrumentation on the north and south banks
 - Excavation on the north and south banks, including north bank slope stabilization

and excavation for the tailrace, spillways, diversion tunnels and south bank approach channel. Excavated materials will be moved to the designated relocated surplus excavation material (RSEM) sites on both the north and south banks. Dikes will be constructed for the RSEM sites and some dredging may be required. Blasting may be required.

- Construction of the south bank drainage tunnel, including drilling and blasting
- Approach work in vicinity of the Peace River construction bridge
- Dredging of the river in preparation for river diversion
- Aggregate production for the roller-compacted concrete (RCC) buttress on the south bank
- Foundation preparation work for the spillway buttress
- On-site concrete batching
- Riprap placement along the cofferdams
- Dam site security: Security infrastructure will be installed.
- Turbines and generators: The turbines and generators contractor will continue to mobilize crews and equipment to their work area on the south bank. The contractor will ship material to the dam site by rail and will assemble equipment in their on-site manufacturing facility.
- Site C substation: Work to prepare the substation site and the construction of the foundations for substation equipment may begin.

Public roads and highways

- Highway 29 at Halfway River, Farrell Creek East, Farrell Creek, Dry Creek and Lynx Creek: Survey work, geotechnical investigations and heritage monitoring may occur to support detailed design development.

Peace River/reservoir

- Fish habitat enhancement project: Visual investigations will continue to prepare for the fish habitat enhancement project.
- Reservoir clearing: The reservoir clearing contractor will resume clearing in some areas of the lower and eastern reservoir (including the area along the north and south banks of the Peace River from the dam site to Cache Creek). This clearing is required to prepare the area for the work that will facilitate river diversion. In the coming period, planned work and work areas include:
 - Road construction and upgrades on the south bank of the Peace River in the eastern reservoir area.
 - Clearing and vegetation removal on the south bank of the Peace River in the eastern reservoir area.
 - Debris management in the lower reservoir area.
 - Completion of clearing activities, including the re-establishment of the access road and bridge crossings.
- Timber removal and debris management: Merchantable trees of sufficient size, quality and volume to make it suitable for harvest and transport will be transported to local mills.

Remaining wood may be chipped, mulched, spread as coarse woody debris or burned on site.

Transmission works

- Access road upgrades: Upgrades will be completed in this period to portions of existing access roads. This is required to provide safe access to the transmission line right-of-way. This work will include erosion and sediment control.
- Access road construction: Construction of access roads within the 75-kilometre transmission line right-of way may occur.
- Clearing work: Tree clearing, vegetation removal and waste wood disposal will occur in the transmission line right-of-way. Merchantable trees of sufficient size, quality and volume to make it suitable for harvest and transport will be transported to local mills. Remaining wood may be chipped, mulched, spread as coarse woody debris or burned on site.
- Peace Canyon Generating Station: Control upgrades within the substation building will occur.

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.
- 85th Avenue Industrial Lands: The main civil works contractor will continue work at the 85th Avenue Industrial Lands. 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. Fencing will be installed along the conveyer right-of-way. Construction of the conveyor may begin.

Water Licence(s) and 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 and the Independent Environmental Monitor as required by BC Hydro's Water Licences.

To date, BC Hydro has obtained LCCs for:

- Initial works
- RSEM storage areas
- North and south bank excavations
- South bank stage 1 cofferdam
- Clearing of the eastern reservoir
- North bank cofferdams and diversion tunnel works

- RCC buttress foundation preparation and RCC placement
- Geotechnical investigations for the Hudson's Hope Shoreline Protection and Halfway River debris boom
- Earthfill dam excavation, foundation preparation, fill placement and approach channel foundation preparation and placement

In the upcoming three-to-six month period, BC Hydro will also be seeking LCCs for the generating station and spillway civil works and central reservoir clearing. BC Hydro has applied for a Water Licence for the temporary and permanent fish passage facilities. A decision from the Office of the Water Comptroller is anticipated on these Water Licences before the end of 2017. On issuance of the Water License, BC Hydro will be seeking an LCC for construction for the temporary fish passage facility.

What to expect

During this time period, the following can be expected:

- There will be truck traffic on public roads as the hauling of materials, equipment, 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 are anticipated for the duration of the project.
- Some noise will occur in the vicinity of the dam site, along public roads and in other work areas as a result of the scheduled construction activities.
- Some noise and vibration will result from the periodic blasting and other work that is occurring in Wuthrich Quarry and West Pine Quarry. Hauling may occur at night.
- There will be construction occurring in and around the Peace River at the dam site.
- 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 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 B.C. 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>