

June 2018

Re: Notice of Site C Construction Activities: July to September 2018

This letter describes the work planned from July 1 to September 30, 2018.

For the upcoming period, construction will focus on:

- the advancement of earthworks at the dam site,
- clearing and access road construction in portions of the transmission line corridor,
- upgrading and maintenance of transmission line access roads,
- transmission line investigations and foundation testing in portions of the transmission corridor,
- construction of the Site C substation,
- expansion of the outdoor switchyard at Peace Canyon,
- road maintenance and road construction in select areas of the reservoir, and
- clearing in select areas of the reservoir.

Upcoming work and investigation areas will include the dam site, segments of Highway 29, Wuthrich Quarry, West Pine Quarry, Portage Mountain Quarry, Hudson's Hope, the transmission line corridor, the lower, middle and eastern reservoirs, and the Peace Canyon switchyard.

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, which are available on the [Site C website](#). In all of the identified work areas, geotechnical site investigations, including the drilling of test holes and the installation of test piles, may be required.

BC Hydro requests that you use 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 let us know if you have questions or concerns. We appreciate your feedback.

July to September 2018

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

Dam site area

- **Access roads**: Crews will continue to maintain 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 excavation and material relocation on the north and south banks (which will require drilling and blasting), construction of the south bank drainage tunnel, widening of the Peace River construction bridge, in-river work and dredging, aggregate production and placement of RCC, concrete batching, foundation preparation work for the spillway buttress, riprap placement, and other civil works.

- Generating station and spillways: The generating station and spillways civil works contractor will continue to mobilize crews and equipment to their work areas on the north and south banks. They will continue to prepare their work areas. Utilities will be installed and concrete will be poured for building foundations. Offices, batch plants, crusher and support buildings will be erected.
- 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: The substation contractor will continue with site preparation works, foundation construction, control building erection, and the assembly and installation of substation equipment. Concrete will be shipped to site from Fort St. John. Transformers will be shipped to the dam site by rail.
- Dam site security: Security infrastructure will be installed, including fencing.

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 will continue in order to support detailed design development for these segments.
- Highway 29 at Cache Creek/Bear Flat (eastern portion): Survey work, wildlife studies, geotechnical investigations, ground truthing, heritage monitoring and archaeological investigations will occur in order to support the alignment decision process and final route selection, which will occur in August, followed by detailed design development. Geotechnical and archaeological investigations and ground truthing may also occur at the two potential replacement boat launch locations in this area.
- Highway 29 at Cache Creek/Bear Flat (western portion): Work will occur to prepare this area for construction, including clearing and stripping of previously investigated archeological sites. In late summer, the grading and paving contractor is expected to mobilize and begin work to construct this segment of highway. This will include development of aggregate sources in the Peace View Pit area on Highway 29.

Peace River/reservoir

- Fish habitat enhancement project: Site investigations will continue to prepare for the fish habitat enhancement project. The habitat enhancement contractor may mobilize to the south bank of the Peace River and begin work.
- Reservoir clearing: The reservoir clearing contractor will undertake clearing activities in the reservoir areas, including sites from the dam site to Tea Island, to improve existing access points to the reservoir. Road maintenance will occur on existing roads in the reservoir area.
- Debris management: Merchantable trees of sufficient size, quality and volume to make them suitable for harvest and transport will be transported to local mills.

Hudson's Hope

- Site investigations: Geotechnical investigations may occur to support detailed design development for the shoreline protection project.

Transmission works

- Access road maintenance: Road maintenance and upgrades to portions of existing access roads will occur in this period. 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 will occur within portions of the 75-kilometre transmission line right-of way.
- Clearing work: Tree clearing, vegetation removal and waste wood disposal may occur in portions of the transmission line right-of-way. Clearing will occur in areas that do not have active bird nesting, as determined by bird nesting surveys.
- Debris management: Waste wood and debris will be disposed or removed. This may include mulching, spreading or burning.
- Peace Canyon Generating Station: Control upgrades within the switchyard building may continue. The Peace Canyon switchyard contractor will mobilize crews and equipment to begin outdoor switchyard expansion work, including site preparation, foundation construction, and equipment assembly and installation.
- Transmission line construction: The transmission line contractor may begin to mobilize crews and equipment to their work areas in the transmission line corridor and the marshalling yard in Moberly Lake. Site investigations, such as survey and geotechnical work, will occur. The installation and testing of helical piles for transmission line foundations will occur. Staking will occur within the transmission line right-of-way.

Production and transport of materials

- Wuthrich Quarry: Riprap will be produced. Blasting will occur as part of this work.
- West Pine Quarry: Riprap will be produced. Blasting will occur as part of this work.
- Portage Mountain Quarry: Access roads will be upgraded and blasting will occur.
- 85th Avenue Industrial Lands: The main civil works contractor will continue work at the Industrial Lands. This will include the preparation of offices, a parking lot, laydown/stockpile areas and the overland conveyor to the north bank. Work will occur to prepare the Industrial Lands for excavation.
- Conveyor belt system: Construction will occur for the temporary conveyor belt system. Fencing will be installed along the conveyor right-of-way.

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 middle reservoir clearing.

In January 2018, the Comptroller of Water Rights issued Water Licences for the temporary and permanent fish passage facilities. BC Hydro will be seeking an LCC for construction of the temporary fish passage facility in summer 2018.

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.
- 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.
- Noise and vibration will result from the periodic blasting and other work that is occurring in the quarries. 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 (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
- 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>