

September 2016

Re: Notice of Site C Construction Activities: October through December 2016

This letter describes the construction activities planned from October 1 to December 31, 2016. For the upcoming three-month period, the focus will be on the continuation of earthworks at the dam site and preparation works for the transmission line. Site preparation, including the construction of access roads and temporary infrastructure, will be substantially completed in this upcoming period. 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 road upgrades, Wuthrich Quarry, West Pine Quarry and Portage Mountain Quarry.

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

For all of the activities described below, the necessary permits, authorizations, licenses or other 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.

October through December 2016

The following construction-related activities are expected to commence, continue, or be completed in the period from October through December 2016:

Dam Site Area

- Clearing and debris management: Vegetation and tree clearing will continue on the north and south banks. Wood waste will be processed by grinding and removed from site. Merchantable timber will be transported to local mills.
- Access roads at the dam site: Work on the north and south bank access roads will be completed during this period. Crews will continue to maintain the dam site access roads and existing south bank resource roads, including the petroleum development roads.
- Temporary Moberly River construction bridge: Work will continue to construct the temporary bridge across the Moberly River, near confluence of the Moberly and Peace rivers. Work will include pile driving and will be completed in fall/winter 2016. Once the bridge is constructed, 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.
- Excavation and material relocation: Excavation will continue on the north and south banks. Materials will be relocated to designated relocated surplus excavation material (RSEM) sites, which are being constructed in the dam site area.
- North bank distribution line: Work will continue to extend an existing distribution line from Old Fort Road to the entrance of Myca Pit.
- Main civil works: The main civil works contractor will increase their construction activities on site during the October to December period. In addition to the excavation mentioned above, this will include:
 - Continued mobilization of crews and equipment.

- Installation of site infrastructure, including buildings and distribution lines.
- Survey work and site investigations, including drilling, on the north and south banks of the dam site.
- The installation of geotechnical instrumentation on the north and south banks.
- The backfilling of historic drill holes on the south and north banks.
- The continuation of earthworks, including the construction of dikes, on the south bank.
- Excavation for the south bank drainage tunnel, the south bank approach channel, the south bank cofferdam and for north bank slope stabilization.
- Construction of the south bank drainage tunnel.
- Construction of the approach channel and cofferdam on the south bank.
- Material crushing on the south bank for the roller-compacted concrete (RCC) buttress.
- Excavation for the powerhouse buttress.
- Construction of the north bank cofferdam.
- Construction of the inlet cofferdam.
- Dam site security: Security fences, signs, and guard buildings will be installed.
- Septimus rail siding: Construction will be completed on the new rail siding on the south bank in fall 2016.
- Temporary substation: Operations and maintenance will occur at the temporary south bank substation and is anticipated to occur for the duration of the project.
- Viewpoint: Construction of the north bank viewpoint, and access road leading to the viewpoint, will begin in September and will be completed in fall 2016.
- Riprap placement: Riprap may be placed along the south bank.

Public Roads and Highways

- Public road upgrades: Upgrade work will continue on 271 Road, including utility relocations. Paving will occur on Old Fort Road.
- Highway 29: Survey work and geotechnical investigations will continue for the Highway 29 realignment at Cache Creek / Bear Flat in order to support detailed design development. This work will be completed in fall 2016. Survey work and geotechnical investigations will continue at Halfway River in order to support detailed design development. This work will be completed in fall 2016.

Peace River/ Reservoir

- Signs and markings: Safety beacons are being installed on the north and south banks of the Peace River, upstream and downstream of the dam site. Signs are in place to provide advance warning of the active construction area beginning 3000 metres upstream and downstream.
- Reservoir clearing: The clearing contractor will mobilize to the dam site in the fall, once the temporary Moberly River construction bridge has been installed, and begin clearing in some areas of the lower and eastern reservoir. Merchantable logs will be decked and transported to

local mills. Planned work areas include:

- Clearing on the south bank of the Peace River, from the west side of the Moberly River to western point of Tea Island.
 - Clearing on the north bank of the Peace River from the dam site west to Tea Creek.
 - Clearing on the north bank of the Peace River from Wilder Creek to Cache Creek.
 - Clearing may occur on the south bank of the Peace River, in the area approximately one kilometre to the west of Tea Island.
- Halfway River debris boom: Survey work will occur to support the design of the Halfway River debris boom. The boom will be constructed and installed in early or mid-2017.

Transmission Works

- Preparation work: Geotechnical investigations, survey work, field investigations and layout work will continue along the 500 kV transmission line right-of-way between the dam site and the Peace Canyon generating station.
- Access road upgrades: Portions of various existing access roads will be upgraded to provide safe construction access to the transmission line right-of-way. This work is expected to occur in fall/winter 2016.
- Clearing work: Clearing and vegetation removal will occur in the 500 kV transmission line right-of-way, and a one-time clearing will occur adjacent to the right-of-way, between the dam site and the Peace Canyon generating station beginning in fall/winter 2016.
- Peace Canyon generating station: Some clearing may occur within this period at the generating station to prepare the site for the expansion of the 500 kV switchyard to terminate the two new 500 kV transmission lines.

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.
- Portage Mountain Quarry: Quarry access roads and a sorting and stockpiling area will be constructed.
- West Pine Quarry: Riprap will be produced for use in construction at the dam site.
- 85th Avenue Industrial Lands: The main civil works contractor is expected to mobilize to the 85th Avenue Industrial Lands and begin work during this period. This mobilization will involve 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 may begin for the temporary conveyor belt system that will be installed in 2017 to move excavated material from the Industrial Lands to the dam site area. This will include clearing and the construction of access points. The conveyor belt system will run south from the Industrial Lands and will cross at points along Old Fort and 240

roads.

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), south bank stage one cofferdam and excavations. In the upcoming three-to-six month period, BC Hydro anticipates that it will seek LCCs for reservoir clearing (for areas described above on page three), roller-compact-concrete structures and associated excavation at the dam site, and north bank stage one cofferdams and diversion works.

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.
- Early morning and night shifts may be scheduled, as well as shifts on the weekends.
- 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. Material hauling may occur at night.
- Some noise and vibration may result from the work that is occurring in Portage Mountain Quarry.
- Some noise and vibration may result from the work that is occurring in West Pine Quarry.
- There will be construction work, including clearing, occurring in and around the Peace River within the dam site, and in and around the Moberly River near the confluence of the Moberly and Peace rivers.
- There will be construction work, including clearing and access road construction, occurring in and around the transmission line right-of-way.
- Public safety signs 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. Beacons will be installed this fall/winter. 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.
- Once constructed, navigation upstream of the Moberly River construction bridge will be restricted when the debris boom is installed upstream of the bridge. Boats can access the area upstream of this bridge using available access points located further south on the Moberly River.
- 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.

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>