

## Site C Construction Schedule: April 17 – April 30, 2021



The last of 205 transmission towers on the second transmission line was completed at the end of March. Stringing will begin later this summer, and when finished, the new line will connect the Peace Canyon substation to the Site C substation. See more project photos in the [image gallery](#).

### News and highlights

- BC Hydro reminds boaters that the section of the Peace River around the Site C dam site is permanently closed to boaters. Being on or near the water around the Site C construction area presents a serious safety risk to river users. [Learn more](#).
- The [latest employment statistics](#) show there were 3,877 total workers on the Site C project in February 2021.

## COVID-19 update

- Worker immunizations at the Site C medical facility have been paused following the recent [statement on B.C.'s COVID-19 response](#) about the use of the COVID-19 AstraZeneca/COVISHIELD vaccine.
- To date, BC Hydro has been notified of 77 positive cases of COVID-19 related to people working on the project since March 2020.
- BC Hydro continues to work with Northern Health and provincial health officials to [monitor for COVID-19](#) and protect our workforce and partner communities.
- BC Hydro is complying with the [Industrial Projects Restart Order](#) issued by the Provincial Health Officer.

## Dam site area – north bank and south bank

- Excavation between the two cofferdams, approach channel excavation, drilling and grouting, and underground works on the north and south drainage features are underway. All work fronts are being monitored and maintained to meet environmental and regulatory commitments.
- Powerhouse construction continues. This includes concrete placements at the powerhouse, intakes and spillway, installation of penstock segments, and construction of the steel super-structure for the powerhouse.
- Roller compacted concrete placement will resume at the dam and core buttress on the south bank.
- The turbines and generators contractor continues to deliver components and materials to site for storage. The contractor continues to install the turbine embedded components for Units 1, 2 and 3, and pre-assembly of larger components has commenced in the main service bay of the powerhouse.
- Re-deployment of the Peace River debris boom is complete. The debris boom has the important job of preventing logs and floating debris from reaching, and potentially clogging up, the diversion tunnels. It also has a secondary benefit of being a physical barrier for boaters who may be coming down the Peace River.
- Caution should be exercised at the shoreline upstream of the dam site area due to the headpond. Water levels could increase or decrease rapidly without warning. Learn more about river diversion and headpond formation: [sitecproject.com/diversion](http://sitecproject.com/diversion).

## Hudson's Hope shoreline protection berm

- The [construction of a 2.6-kilometre-long berm](#) to protect the shoreline of Hudson's Hope is underway.
- Activities occurring on site include vegetation clearing and stripping of material from the shoreline, and placing material along the shoreline to build the berm.
- Water quality monitoring has been installed in the Peace River and a swift water rescue team is operating in the river during the work. Boaters are asked to obey signage and stay clear of the work area for safety reasons.
- BC Hydro is monitoring noise and dust in an effort to proactively develop mitigation measures.

## Portage Mountain Quarry

- Hauling of aggregate from Portage Mountain Quarry to various Highway 29 construction sites may occur.
- The hauling of material to a stockpile site adjacent to the quarry may occur.

## Highway 29

### *Cache Creek East*

- Construction work at Cache Creek currently includes grading, drainage and bridge foundation works.
- The contractor will continue stripping the alignment on the west side of Cache Creek. This may include hauling of merchantable timber to mills.
- The contractor will resume the construction of the highway grade, which includes stripping of topsoil, and hauling and placement of aggregate from the Peaceview Pit to the future highway alignment.
- The contractor continues to install bridge foundations, which includes the installation of concrete piles and the construction of concrete bridge piers. Bridge pier construction includes the installation of steel rebar, formwork and the placement of concrete in multiple lifts.
- The contractor is constructing a temporary detour and bridge beside the existing Cache Creek bridge, which will be used in the unlikely event that the existing bridge is impacted by the diversion head pond.

### *Halfway River*

- Construction of a 1,042-metre-long bridge at [Halfway River](#) continues.
- The delivery to site and installation of concrete deck panels is in progress.
- Formwork is being installed on the bridge for the cast-in-place concrete bridge deck.
- Bridge abutment construction is in progress, which includes installation of formwork, rebar and concrete, as well as placement of bridge end-fill aggregates.
- Geotechnical investigations will occur near the site for a proposed future boat launch.

### *Farrell Creek East*

- The contractor will continue mobilizing to site to begin drainage and grading work.
- The contractor will begin stripping of borrow areas and the future highway grade. Materials will be excavated from borrow areas, hauled and placed to construct the highway.

### *Farrell Creek*

- Construction is continuing on the new highway and bridge at Farrell Creek. Current activities include bridge foundation construction and the construction of the future highway grade.
- The construction of bridge foundations will continue including concrete foundation construction. Concrete bridge foundation construction includes the installation of rebar, formwork and pouring of concrete.

### *Dry Creek*

- Construction at Dry Creek will resume.
- The contractor will be mobilizing construction equipment to resume construction of the bridge. Activities will include drilling of anchors into bedrock and the construction of concrete bridge foundations.

### *Lynx Creek*

- Activities at the site include stripping of work areas, the development of borrow sites and excavation and hauling of aggregates to construct the highway grade.
- Gravel extraction will occur at various locations including Gates Island; gravel will be hauled and placed along the new highway alignment.
- The installation of piles for the bridge foundations may begin. This includes drilling into bedrock, installing steel pile casings and rebar and pouring concrete.
- [Visit our website](#) for more Highway 29 schedules, maps and construction updates.

## Reservoir area clearing

- Field surveys and investigations are occurring along the reservoir.
- Waste wood management (e.g bucking of waste wood) and road deactivation activities may occur on the north and south banks of the Peace River from Cache Creek to Farrell Creek.

## Transmission works

- Work will be limited to site clean-up and restoration activities.

## Regulatory notices

- BC Hydro is applying for an EAC amendment to allow trucks to haul materials from the 85th Avenue Industrial Lands to the dam site when the conveyor is out of use for reasons beyond BC Hydro's control. Read more [here](#).
- BC Hydro has submitted four applications for Approval to Transport Canada (Registry #3302, 3303, 3298 and 3300) under the *Canadian Navigable Waters Act*. These applications are for the construction of four temporary bridges to facilitate clearing of the Site C reservoir. The crossings are located across side channels of the Peace River on the south bank, approximately 12 km upstream of the Halfway River confluence. Comments on these applications can be submitted via the [Common Project Search \(CPS\)](#) or by emailing [NPPPAC-PPNPAC@tc.gc.ca](mailto:NPPPAC-PPNPAC@tc.gc.ca).
- BC Hydro has submitted a "No Interference with Navigation" Notification of Work to Transport Canada (Registry #3297) under the *Canadian Navigable Waters Act*. The Notification is for partial deactivation of 11 bridge crossings that were constructed to facilitate reservoir clearing within the Halfway River drainage. Signage will be installed just upstream of the Halfway River boat launch advising boaters that construction activity may have altered the river channel and to be aware of floating debris, channel changes and submerged hazards. Project information will be displayed on Transport Canada's [Common Project Search \(CPS\)](#) registry.

## WHAT TO EXPECT

Work will take place during the day, night, and on the weekend, until the project is completed. During this time, residents can expect:

### Boating

- The Peace River near the dam site has been permanently closed to boater traffic. Being on or near the water around the Site C construction area presents a serious safety risk to river users. Boaters are urged to stay away from the area and observe and obey all signage and beacons.
- The lower reaches of the Halfway River are closed to boat traffic until April 30, 2021.
- The seasonal Peace River Portage Program will operate between the Halfway River boat launch and the Peace Island Park boat launch from May 15 to September 15, 2021. For more information, visit [www.sitecproject.com/boating](http://www.sitecproject.com/boating).

## Traffic – please use caution and obey safety signage

- **Old Fort Road**
  - Near Gate B to the dam site, drivers may encounter loose gravel and increased commercial traffic.
  - Due to equipment delivery, there may be [occasional short road closures](#) along Old Fort Road.
- **Highway 29:** Construction-related equipment will travel along Highway 29 and Highway 97. Learn more at [drivebc.ca](#).
- Drivers on the road are reminded to travel at a safe distance behind construction vehicles particularly near the Highway 29 road alignment sections along Highway 29.
- **Other areas:** Trucks with heavy loads will be accessing the dam site and other project areas, using public and resource roads.

## Equipment, noise and vibration

- Heavy machinery will be in the transmission line corridor. Please stay clear of the work areas. Helicopters and commercial drones may be used to support investigative and construction works.
- Some noise and vibration may occur near the dam site and work areas, including the quarries.

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