

Site C Construction Schedule: December 12 - 25, 2020



The first turbine runners arrive in Prince Rupert from São Paulo, Brazil. See more project photos in the [image gallery](#).

News and highlights

- Due to the holiday season, our next Construction Bulletin will be issued on January 8, 2021.
- The [latest employment statistics](#) show that there were 5,181 total workers on the Site C project in October 2020.

River diversion and navigational changes

- Both the upstream and downstream cofferdams have been placed across the river. Construction will continue, with earthfill material being placed on top of the cofferdams until they reach the required height.
- Interlocking steel piles will continue to be placed across the cofferdams to create a waterproof and watertight seal. This work will continue over the winter with completion of the cofferdams expected by spring 2021.
- For safety reasons, a section of the Peace River near Fort St. John has been [permanently closed to boaters](#).
- Boaters should be aware of submerged underwater cable hazards upstream of the debris boom, which are used for the debris clearing barge.
- A section of the Halfway River is now [closed to boaters](#) until April 30, 2021. As part of reservoir clearing activities, BC Hydro will be building six temporary crossings over the Halfway River.

COVID-19 update

- To date, BC Hydro has been notified of 20 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.

Regulatory notices

- An application has been made to the Ministry of Forests, Lands, Natural Resource Operations and Rural Development for a Power Line Relocation tenure situated on Provincial Crown land located near Halfway River, Peace River District. The Lands File for this application is 8016143. Visit the [website](#) for more information and a map of the application area.
- BC Hydro has submitted [Notifications of Work](#) to Transport Canada (Registry #2540, #2541, #2542 and #2543) for construction of four temporary access bridges over the Halfway River to support reservoir clearing activities this fall/winter. The public can provide comments through Transport Canada's [Common Project Search \(CPS\)](#) or by emailing NPPAC-PPNPAC@tc.gc.ca.
- BC Hydro has submitted a [Notification of Work](#) to Transport Canada (Registry # 2546) for construction of a temporary causeway across a backchannel of the Halfway River to support reservoir clearing activities this fall/winter. The public can provide comments through Transport Canada's [Common Project Search \(CPS\)](#) or by emailing NPPAC-PPNPAC@tc.gc.ca.

Dam site area – north bank and south bank

- A number of work fronts are active including earthworks, drilling and grouting. All work fronts are being monitored and maintained to meet environmental and regulatory commitments.
- Powerhouse construction is continuing. This includes concrete placements at the powerhouse, intakes, and spillway, installation of penstocks, and construction of the super-structure for the powerhouse.
- The turbines and generators contractor continues to deliver components and materials to site for storage. The contractor has commenced installation of the turbine embedded components for Units 1 and 2, and pre-assembly of larger components has commenced in the main service bay of the powerhouse.
- The conveyor belt is being used occasionally, as needed.

- The creation of the headpond is beginning. This means water levels could rapidly rise. Caution should be exercised at the shoreline. Learn more about river diversion and headpond formation: 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, stripping of material from the shoreline, hauling of riprap from Portage Mountain Quarry to site stockpiles and hauling riprap from the site stockpiles and placing in the river 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.

Highway 29

Cache Creek East

- Preparations for in-stream works continues, including diverting approximately 100 metres of Cache Creek to build the piers for the new bridge. This includes the installation of temporary construction bridges.
- Construction at Cache Creek includes clearing vegetation, access construction, aggregate processing and stockpiling and topsoil stripping. Burning of waste wood may occur, as well as hauling of merchantable logs to mills.
- The contractor is installing piles for bridge foundations. This includes drilling into bedrock and the installation of steel pile casings.
- The contractor is also 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. This includes operation of a concrete batch plant, delivery and installation of bridge steel girders and hauling and stockpiling of materials.
- Construction of bridge piers continues including installation of bridge pier rebar, formwork and concrete.
- The installation of steel bridge girders will continue. Girders will be lifted into place using two large cranes.

Farrell Creek

- Construction is continuing on the new highway and bridge at Farrell Creek. Current activities include access construction, aggregate processing and stockpiling, development of material disposal and extraction areas and site preparation for bridge foundations.
- Work to divert Farrell Creek to allow for construction of bridge foundations is underway. This work may require night shifts.
- Tree clearing and vegetation removal will continue as needed. Burning of waste wood may occur, as well as hauling of merchantable logs to mills.
- Excavations and the construction of berms for bridge foundations are in progress. The contractor has mobilized piling equipment on site and will begin installing piles for bridge foundations.

Dry Creek

- Construction is continuing on the new highway and bridge at Dry Creek. Current activities include clearing vegetation, access construction, aggregate processing and stockpiling, and preparing the site.
- Burning of waste wood may occur, as well as hauling merchantable logs to mills.
- Installation of bridge foundation piles continues.

Lynx Creek

- The contractor will continue mobilizing a rock-crushing plant to the site to begin processing rock for highway construction.
- Work to relocate the distribution line in this area continues.
- Activities at the site include clearing, grubbing, and stripping of work areas, as well as the construction of access roads.
- Gravel extraction will occur at Gates Island and gravel will be hauled and placed along the new highway alignment.
- Burning of waste wood may occur, as well as hauling merchantable logs to mills.
- [Visit our website](#) for more Highway 29 schedules, maps and construction updates.

Reservoir area clearing

- Field surveys and investigations may occur along the reservoir.
- Clearing activities and access road construction are occurring on the north and south banks of the Peace River from Cache Creek to Farrell Creek, as well as up the Halfway River drainage.
- Burning and processing of waste wood is occurring in areas of the Moberly drainage, Halfway River drainage, and the banks of the Peace River between Halfway River and the dam site. Vehicles, boats and/or helicopters may be used. Burning will only occur when venting and ground conditions are suitable.
- Hauling of logs to local mills is occurring when road conditions are suitable.

Transmission works

- Work on the second transmission line continues, with tower assembly, tower installation and installation of helical piles in progress.
- Site access, transmission line removal and salvage and reclamation works will continue.

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 vessel traffic. A patrol boat will monitor the area, which is also marked with beacons and signage.
- The lower reaches of the Halfway River are closed to boat traffic until April 30, 2021.
- Boaters are advised to watch for logs and debris flowing down the Peace River.
- Boaters should use caution in the Peace River, especially near the debris booms and active construction sites along Highway 29.

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](#).
- **Other areas:** Trucks with heavy loads will be accessing the dam site and other project areas, using public and resource roads.

Equipment

- 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.

Noise and vibration

- Some noise and vibration may occur near the dam site and work areas, including the quarries.

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