

Site C Construction Schedule: April 2 – April 16, 2021



Crews have completed the downstream cofferdam. With both the upstream and downstream cofferdams now complete, crews can begin constructing the earthfill dam. See more project photos in the [image gallery](#).

News and highlights

- BC Hydro is reminding 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 that there were 3,852 total workers on the Site C project in January 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 62 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

- Some dam site activities may be scaled back due to a reduced workforce, in compliance with the Industrial Projects Restart Order.
- Penstock deliveries will occur on April 8 and 15, resulting in night-time traffic delays on Old Fort Road. Check our website for the latest [delivery schedule](#).
- Pumping out of the water between the upstream and downstream cofferdams is complete.
- The downstream cofferdam has been completed.
- Fish salvage between the upstream and downstream cofferdams has been completed. The salvaged fish were released into the Peace River.
- 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 is continuing. This includes concrete placements at the powerhouse, intakes and spillway, installation of penstock segments, and construction of the steel super-structure for the powerhouse.
- 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.
- Preparation of in-river infrastructure is underway to manage water-borne wood debris for the 2021 season. The spud barge was successfully re-launched in March, and re-deployment of the Peace River debris boom is scheduled to occur in April.
- 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.

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, hauling of aggregate from Portage Mountain Quarry to site stockpiles, and hauling aggregate from the site stockpiles and placing in the river to build the berm.
- Excavation, processing and stockpiling of berm fill materials are in progress on site and in the Butler Ridge yard near the Hudson's Hope works yard.

- 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 and stockpiling of material may occur.
- Waste wood may be disposed of, including mulching or burning.

Highway 29

Cache Creek East

- Construction work at Cache Creek currently includes grading, drainage and bridge foundation works.
- The contractor will continue clearing, grubbing and stripping the alignment on the west side of Cache Creek. This may include burning of waste wood and hauling of merchantable timber to mills.
- The contractor continues to install piles for bridge foundations, which includes drilling to bedrock, installing steel pile casings and rebar and pouring of concrete. Bridge pier formwork will be assembled and installed in preparation for construction of concrete bridge piers.
- 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.
- Distribution line and Telus work are underway and will continue into early April. The line will be used in the unlikely event that the existing line 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.
- Work will begin to remove the temporary construction pad from the Halfway River.

Farrell Creek East

- The contractor may begin mobilizing to site to begin drainage and grading work.

Farrell Creek

- Construction is continuing on the new highway and bridge at Farrell Creek. Current activities include wood removal, including burning, along Farrell Creek and bridge foundation construction.
- Temporary access bridges and crossings will be removed.
- The construction of bridge foundations will continue, including pile installation and concrete foundation construction. Pile installation includes drilling into bedrock, installing steel pile casings and pouring concrete. Concrete bridge foundation construction includes the installation of rebar and pouring of concrete.
- Single lane alternating traffic on Highway 29 will be required during daylight hours in order to construct the bridge piles.

Dry Creek

- Construction at Dry Creek will resume.
- The contractor will be mobilizing drilling equipment to resume construction of the bridge foundations.

Lynx Creek

- Activities at the site include clearing, grubbing, and 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.
- Burning of waste wood may occur.
- [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. burning or 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.
- Hauling of logs to local mills is occurring when road conditions are suitable and mills are open.

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 being repaired. Read more [here](#).
- BC Hydro has submitted an application for Approval to Transport Canada (Registry #3216) pursuant to the *Canadian Navigable Waters Act*. The application is for the construction of a temporary bridge/causeway to facilitate clearing of the Site C reservoir. It is located across a side channel of the Peace River on the south bank, approx. 10 km upstream of the Halfway River confluence. The public can provide comments on the application through Transport Canada's [Common Project Search \(CPS\)](#) or by emailing NPPAC-PPNPAC@tc.gc.ca.
- BC Hydro has submitted a “No Interference with Navigation” Notification of Work to Transport Canada (Registry #3193) under the *Canadian Navigable Waters Act*. The Notification is for a design modification to the Lynx Creek embankment, located within a side channel of the Peace River, approx. 11 km downstream of Hudson’s Hope and 5 km downstream of Lynx Creek. Construction of the embankment is described on the [Site C website](#). 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 vessel 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.

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, 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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