

## Site C Construction Schedule: March 20 – April 2, 2021



Crews completed installing the steel bridge girders – the main horizontal support beams – across the Halfway River bridge. The girders were assembled in 27 sections with 81 separate pieces. See more project photos in the [image gallery](#).

### News and highlights

- 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](#).

### COVID-19 update

- Northern Health has announced it will provide COVID-19 vaccines to several industrial projects in northern B.C., including Site C.
- Starting in mid-March, BC Hydro will begin vaccinating Site C workers at our on-site medical facility.
- All individuals working on Site C who are based locally or required to travel to the construction site for currently approved or active work are eligible for this workplace vaccination initiative.

- To date, BC Hydro has been notified of 53 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 March 25 and April 1, 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 underway.
- Fish salvage between the upstream and downstream cofferdams has been completed. The salvaged fish were released into the Peace River.
- The left bank drainage adit excavation has been completed.
- 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 and 2, and pre-assembly of larger components has commenced in the main service bay of the powerhouse.
- 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, 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 in Zone B 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**

- Clearing, mulching and stripping of land adjacent to the quarry will occur. This is to create a new area for stockpiling and processing of quarry materials.
- Hauling of aggregate from Portage Mountain Quarry to various highway 29 construction sites may occur.

## **Highway 29**

### *Cache Creek East*

- Construction work at Cache Creek currently includes grading, drainage and bridge foundation works.
- The contractor will begin 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. A bridge pier mock-up is being constructed in the Peaceview Borrow Pit.
- 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 until 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.
- Work will begin to remove the temporary construction pad from the Halfway River.

### *Farrell Creek East*

- Logs may be loaded onto trucks and hauled to mills.

### *Farrell Creek*

- Construction is continuing on the new highway and bridge at Farrell Creek. Current activities include waste wood burning along Farrell Creek and bridge foundation construction.
- Waste wood removal, including burning, will continue. Temporary access bridges and crossings may be removed.
- The construction of berms for bridge foundations are in progress.
- The construction of bridge foundations will continue, including pile installation. Pile installation includes drilling into bedrock, installing steel pile casings and pouring concrete. Concrete bridge foundations will also be constructed.
- Single lane alternating traffic on Highway 29 may be required during foundation construction.

### *Dry Creek*

- Construction at Dry Creek is on temporary winter shutdown and will resume in April 2021.

### *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.
- 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 are occurring along the reservoir.
- Clearing activities, access road construction and deactivation 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.
- Waste wood management (e.g. bucking of wood and development of piles) and road deactivation activities 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.
- 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 and installation.
- The removal of the existing 138 kV transmission lines on the transmission right-of-way continues, which includes hauling of poles to approved facilities for disposal.

## Regulatory notices

- BC Hydro has submitted to Transport Canada an amendment to Approval 2020-501704 (Registry # 3097) for the inclusion of the detailed design drawing for habitat clusters at the Hudson's Hope Shoreline Protection Berm. The Hudson's Hope Shoreline Protection Berm and associated works will extend along an approximately 2.65 km length of the north side of the Peace River at Hudson's Hope, downstream of the Peace Canyon Dam, and is required to protect the shoreline from erosion once the reservoir has been filled. Creation of habitat clusters at the berm is intended to enhance fish habitat within the Site C Reservoir. The public can provide comments through Transport Canada's [Common Project Search \(CPS\)](#) or by emailing [NPPAC-PPNPAC@tc.gc.ca](mailto:NPPAC-PPNPAC@tc.gc.ca).

## 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.
- 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.siteproject.com/boating](http://www.siteproject.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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