

## Site C Construction Schedule: November 26 – December 9, 2022



This east-facing photo shows progress on the approach channel. For more photos, see the image [gallery](#).

### News and highlights

- We've completed construction of the Hudson's Hope shoreline protection berm. The 2.6-kilometre-long berm will protect the shoreline from erosion once the Site C reservoir is filled. [Learn more](#).

### Dam site area – north bank and south bank

- Excavation of the approach channel, drilling and grouting, and placement of concrete continues.
- Installation of steel piles in the tailrace excavation continue as part of the [right bank foundation enhancements](#). The piles extend the foundation further into the bedrock.
- Powerhouse, intakes, spillway, and earthfill dam shell construction continues. This includes concrete placements at the powerhouse, intakes, penstocks, and spillways.
- Powerhouse Balance of Plant; installation of cable tray and other electrical components has started on the generator floor. The mechanical contractor has started applying coatings in the draft tube cone access area.

- Installation of the spillway gates and intake gates are underway.
- Installation of a headwork gantry crane continues on top of the intakes.
- The first turbine runner has been installed.
- Turbine and generator components and materials continue to be delivered to site, and some to storage, for future installation. To date, three of six turbines have arrived at site and the fourth turbine runner is being stored off-site. The remaining two runners will likely be delivered this winter when road conditions allow.
- Installation of turbine embedded parts continues in the powerhouse, and generator rotors are being assembled in the main service bay.
- Hauling activities continue from aggregate sources on the south bank (Area E and Area A).
- The first phase of construction of three 500-kilovolt transmission lines between the Site C Substation and the Site C Powerhouse has been completed, now that all eight towers on the right bank have been installed and wires strung.

## Highway 29 realignments

- [Visit our website](#) for Highway 29 schedules, maps, and construction updates.

### **Cache Creek East (596-metre-long bridge and six-kilometre-long highway realignment)**

- Finishing work is in progress on the new alignment, including installation of fencing, signage and concrete barriers in preparation for opening to traffic.
- Drainage works and site reclamation will take place, including hydroseeding.
- Construction of a new distribution line adjacent to the new highway alignment will continue.

### **Halfway River (1.05-kilometre-long bridge and a three-kilometre-long highway realignment)**

- The contractor has demobilized from the site for the season.

### **Farrell Creek East (3.0-kilometre-long highway realignment)**

- Decommissioning of the Farrell Creek East segment continues, including installation of a drainage channel, removal of signs, concrete barriers and asphalt. Asphalt is being hauled to Ministry of Transportation and Infrastructure pits for re-use.

### **Farrell Creek (417-metre-long bridge and 1.9-kilometre-long highway realignment)**

- The new alignment and bridge have been opened to traffic.
- There may be single lane alternating traffic as crews complete finishing work on the bridge.
- Several night closures are expected to enable crews to replace expansion joints and remove the temporary cover plates on the bridge.
- Excavation will continue below the bridge on the old highway alignment to install wave protection riprap around the bridge foundations.
- Minor works will be underway along the alignment including hydroseeding, installation of signs, concrete barriers and riprap.

### **Dry Creek (158-metre-long bridge and 1.5-kilometre-long highway realignment)**

- Decommissioning of the Dry Creek segment will continue, including removal of signs, concrete barriers, and asphalt. Asphalt is being hauled to Ministry of Transportation and Infrastructure pits for re-use.
- Removal of a large multi-plate culvert will begin.

### **Lynx Creek (152-metre-long bridge and 8.5-kilometre-long highway realignment)**

- The new alignment and bridge have been opened to traffic.

- Hauling and placing of riprap along the highway alignment continues.
- Construction of the future Lynx Creek boat launch is on hold until next spring.
- Construction of the east tie-in will continue and require single lane alternating traffic.

## Fish habitat construction near Old Fort

- Reclamation that can be completed is now done until hauling of aggregate to the dam site is completed.

## Hudson's Hope shoreline protection berm

- Construction of the [2.6-kilometre-long berm](#) to protect the shoreline of Hudson's Hope is complete.

## Portage Mountain Quarry

- Rock hauling will take place from the Portage Mountain Quarry stockpile areas to the Highway 29 construction site at Lynx Creek.

## Reservoir area

- Clearing activities are happening along the north and south banks of the Peace River, including the Watson Slough area. Activities include vegetation clearing, road construction and maintenance, log hauling and helicopter work.
- Burning of waste wood may take place along the north and south banks of the Peace River, including the surroundings of Hudson's Hope pending favourable conditions.
- Removal or demolition of infrastructure within the future reservoir on BC Hydro owned land will continue in the vicinity of Cache Creek and Lynx Creek. Equipment will mobilize to site and work may be visible from Highway 29.
- Construction of a new Halfway River crossing for the existing transmission line is on going.
- Field investigations may take place.

## Halfway River East Boat Launch

- The contractor has demobilized for the season.

## Regulatory

- On September 16, 2022, we submitted an application for Approval (Registry No. 6438) to Transport Canada under the *Canadian Navigable Waters Act* for activities related to downstream contouring for fish habitat enhancement work at site 107R.
- Contouring activities are located on the south bank of the Peace River, downstream of the Site C dam site. These activities are scheduled to begin in spring 2023 and completed by winter 2024.
- Comments on this application can be submitted via the [Common Project Search](#) or by emailing [NPPAC-PPNPAC@tc.gc.ca](mailto:NPPAC-PPNPAC@tc.gc.ca).
- On October 12, 2022, we submitted an application for Approval (Registry No.6579) to Transport Canada under the *Canadian Navigable Waters Act* for the newly built Dry Creek Bridge.
- The Site C reservoir will cover the lower reaches of Dry Creek and will flow under the newly built bridge.
- Comments on this application can be submitted via the [Common Project Search](#) or by emailing [NPPAC-PPNPAC@tc.gc.ca](mailto:NPPAC-PPNPAC@tc.gc.ca).
- On November 16, 2022, we submitted the following applications for Approval to Transport Canada under the *Canadian Navigable Waters Act*:

- Halfway River Boat Launch (Registry No.6766)
- Hudson's Hope Shoreline Boat Launch (Registry No. 6775)
- Comments on these applications can be submitted via the [Common Project Search](#) 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 is 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. [Read more.](#)

### 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. Drivers on the road are reminded to travel at a safe distance behind construction vehicles particularly near the Highway 29 road realignment sections. Learn more at [drivebc.ca](http://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, vibration, and visibility

- Helicopters and commercial drones may be used to support investigative, and construction works.
- Some noise and vibration may take place near the dam site and work areas, including the quarries.
- There may be smoke and lower visibility in areas where wood debris burning is happening.

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