

Site C Construction Schedule: October 29 – November 11, 2022



Crews install a concrete box culvert as part of construction of the Hudson's Hope shoreline protection berm. For more photos, see the image [gallery](#).

News and highlights

- Our latest video highlights the installation of 96 concrete-filled steel piles, as part of the design for the right bank enhancement. The piles will tie in the dam buttress structure to the stable rock below to prevent any potential movement. [Watch here](#).

Dam site area – north bank and south bank

- Excavation of the approach channel, drilling and grouting, placement of concrete and liner installation 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 with impervious core 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.
- The spillway gate installation has started, and the intake gate installation will start in late October.
- 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 24).
- Construction of three 500-kilovolt transmission lines between the Site C Substation and the Site C Powerhouse is underway. All eight towers on the right bank have been installed and transmission line stringing will continue.

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)

- Grading and paving is in progress on the new alignment.
- Construction of the tie-ins to the existing highway will take place, including removal of asphalt, grading and paving. There will be single lane alternating traffic.
- Drainage, signage and site reclamation will take place, including hydroseeding.
- Finishing works will be in progress on the bridge.
- Temporary bridges may be removed from Cache Creek.
- Asphalt is being produced and hauled from Peaceview Pit.
- A new distribution line adjacent to the new highway alignment will be under construction.

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

- Minor works will be completed, including hydroseeding, concrete barrier installation, and sign installation.
- The contractor will be demobilizing from the site for the season.
- Installation of Telus infrastructure on the bridge may take place.

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

- Decommissioning of the Farrell Creek East segment continues, including removal of signs, concrete barriers and asphalt.

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.
- Excavation will take place 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 continues, including removal of signs, concrete barriers and asphalt.

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

- Hauling and placing aggregates and riprap along the highway alignment continues. Riprap will be hauled from Portage Mountain and quarries near Chetwynd and either placed on the new alignment or stockpiled on site.
- Processing of aggregate adjacent to Highway 29 continues.
- An asphalt plant at Lynx Creek will supply asphalt for Lynx Creek paving.
- Installation of a new distribution line on the new highway alignment continues.
- Construction of the future Lynx Creek boat launch continues.
- Construction of tie-ins at the east and west ends of the new alignment will continue and will require single lane alternating traffic.

Fish habitat construction near Old Fort

- In river excavation is complete.
- Hauling of aggregate to the dam site is in progress.

Hudson's Hope shoreline protection berm

- The [construction of the 2.6-kilometre-long berm](#) to protect the shoreline of Hudson's Hope is in progress.
- Installation of drainage ditches and berm running surface will continue.
- Restoration of a borrow pit on the berm site continues, including grading, placement of topsoil and hydroseeding.
- Water quality monitoring has been installed in the Peace River. Boaters are asked to obey signage and stay clear of the work area for safety reasons.
- The contractor will begin to demobilize equipment and trailers from the site.

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. Activities may include vegetation clearing, road construction and maintenance, log hauling and helicopter work.
- At Watson Slough, water levels have been lowered and the removal of the remaining trees continues.
- Burning of waste wood may take place near 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

- Construction of the boat launch and access road continues, including removal of unsuitable materials, and hauling and placement of aggregate on the site.
- Unsuitable material will be hauled to a stockpile site at Halfway River.
- The contractor will demobilize crews and equipment for the season.

Other areas

- Vegetation clearing has begun for the construction of access roads on the north shore of the Peace River, east of the dam site. This will support the creation of fish habitat this fall.
- An increase in the number of watering trucks has begun, as well as the use of a suppression treatment product on gravel roads to mitigate dust concerns.

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.
- 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.

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.
- **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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