

Site C Construction Schedule: October 15 - 28, 2022



Crews continue building the new Halfway River boat launch, along the future Site C reservoir. For more photos, see the image [gallery](#).

News and highlights

- Our latest drone video shows construction progress on the Site C powerhouse, earthfill dam, shoreline protection, Highway 29 realignment, and the fish enhancement project. [Watch here](#).
- When conditions allow, we will resume the burning of wood debris in Site C project areas. [Read more](#).

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 is scheduled to be installed in the second week of October.
- 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 begin in mid-October.

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)

- Civil works, including excavation, grading and placement of aggregates on the new highway alignment continues. Aggregates are being hauled from Peaceview Pit.
- Paving of the new highway alignment will occur.
- Construction of a new distribution line adjacent to the new highway alignment will occur.

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

- Minor works, including hydroseeding and sign installation.
- Site clean-up and demobilization of equipment.
- Installation of Telus infrastructure on the bridge.

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)

- Bridge construction work continues including installation of expansion joints, guard rails, concrete finishing and the removal of formwork. Construction of the earthworks for the east and west tie-ins continues including removal of asphalt and hauling of aggregates from Peaceview Pit and placement on the new highway alignment. There may be single-lane alternating traffic and occasional traffic stops during construction of the tie-ins.
- Asphalt paving will occur, depending on good weather.

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.
- The asphalt plant will supply asphalt for Farrell Creek and Lynx Creek paving. Paving at Lynx Creek will begin.
- Installation of a new distribution line on the new highway alignment continues.
- Construction of the future Lynx Creek boat launch continues.
- A detour will be built to divert traffic onto the new highway embankment, allowing for completion of the embankment.

Fish habitat construction near Old Fort

- In river excavation is now complete.
- Final excavation at P6 island will be completed by the third week of October.
- 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.
- Hauling and placing of berm filter, berm fill and riprap to bring the berm up to the design elevation continues.
- Installation of drainage ditches and culverts continues.
- 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 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.
- We continue to work with the Ministry of Transportation and Infrastructure regarding the road maintenance of Canyon Drive.

Portage Mountain Quarry

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

Reservoir area

- Clearing activities have resumed 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.
- Removal or demolition of infrastructure within the future reservoir on BC Hydro owned land will begin in the vicinity of Cache 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 occur.

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.

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 occur near the dam site and work areas, including the quarries.
- There may be smoke and lower visibility in areas where wood debris burning is occurring.

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