

Site C Construction Schedule: December 10 - 23, 2022



The new Cache Creek alignment of Highway 29, including the 617-metre-long Cache Creek Bridge, opened to traffic on Dec. 1, 2022. For more photos, see the image [gallery](#).

News and highlights

- We've reached another Highway 29 realignment milestone with the opening of the Cache Creek Bridge. [Learn more](#).
- Check out our latest video, highlighting our work on the Site C project during the busy summer and fall months of 2022. [Watch here](#).
- Our latest jobs report shows we reached another all-time high in October for employment on the Site C project, including a record number of women. [Read 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, four of six turbines have arrived at 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).
- Construction of the dam, including placement of aggregates and riprap, and drilling and grouting of the abutments is underway.

Highway 29 realignments

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

Cache Creek East (617-metre-long bridge and six-kilometre-long highway realignment)

- The new Cache Creek alignment has opened 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 old Farrell Creek East segment continues, including removal of 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)

- Decommissioning of the old highway alignment may begin.

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

- Decommissioning of the old 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 continue.

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

- 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.
- Decommissioning of the old highway alignment will continue.

Fish habitat construction near Old Fort

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

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.
- 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.
- 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.
- 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) and 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.

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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