

## Site C Construction Schedule: March 25 – April 7, 2023



The tailrace, where water will exit the dam after turning turbines inside the powerhouse. See more photos in [our gallery](#).

### News and highlights

- When we fill the Site C reservoir and commission the generating units, water will rush through the penstocks and turn six turbines to make electricity. [Watch our latest video](#) to take a closer look inside the powerhouse.
- We recently met with the Regional Community Liaison Committee to share and discuss Site C project updates, including reservoir filling. We meet with the committee every three months. [Learn more about the RCLC](#).

### Dam site

- Excavation of the approach channel, drilling and grouting, and placement of concrete and rip rap continues.

- Installation of steel piles in the tailrace excavation continues as part of the [right bank foundation enhancements](#). The piles extend the foundation further into the bedrock.
- Construction of the powerhouse, intakes, and spillway continues. This includes concrete placements at the powerhouse, intakes, penstocks, and spillways.
- Powerhouse Balance of Plant: Installation of cable tray and other electrical components, as well as connection of cables is underway on the generator floor. Crews are installing the isophase bus. Piping installation continues in the dewatering gallery and on the generator floor. The mechanical contractor will continue 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. Commissioning activities, such as electrical and control testing, have begun.
- Installation of a tailrace gantry crane continues on the powerhouse tailrace deck.
- Turbine and generator components and materials continue to be delivered to site, and some to storage, for future installation.
- In the powerhouse, installation and assembly of turbine components continues and generator rotors are being assembled in the main service bay. One rotor has been installed.
- Construction of the dam, including placement of aggregates and riprap, will continue, weather dependent. Work may begin on the removal of the insulating material on the dam, weather permitting.
- Work will take place in the right bank drainage tunnel, including drilling and grouting, as well as the installation of drains.
- Construction of three transmission lines to connect the Site C powerhouse to the Southbank substation will continue.

## Highway 29

- Crews have returned to Lynx Creek to decommission the bridge and continue working on the remaining outstanding work, including the removal of unsuitable material, the placement of riprap and the construction of the new Lynx Creek boat launch.
- The contractor at Cache Creek may be on site to complete minor outstanding work on the bridge.
- The contractor will be on site at the Halfway River bridge to reconfigure concrete barriers and signage in order to open the bridge to traffic.
- [Visit our website](#) for Highway 29 schedules, maps, and construction updates.

## Decommissioning

- Crews will begin work to decommission the Cache Creek bridge.
- The old highways at Farrell Creek, Lynx Creek and Cache Creek are being decommissioned, which includes removing concrete barriers, signs and asphalt. Asphalt is being hauled to various Ministry of Transportation pits for re-use in future projects.

## Fish habitat construction near Old Fort

- Restoration on the island has been completed and the bridge has been removed. Shoreline contouring and final clean-up of the bridge supports will be completed in the spring.

## Reservoir area

- Crews are removing new vegetation that has regrown into previously cleared areas in the reservoir, between the dam site and Cache Creek.
- Most of the clearing work is complete however crews will need to return to Watson Slough later this year. [Clearing activities](#) include vegetation clearing, road construction, and maintenance and log hauling.

- Removal or demolition of infrastructure within the future reservoir on BC Hydro-owned land will continue near Cache Creek and Lynx Creek. Equipment will mobilize to site and work may be visible from Highway 29.
- Field investigations may take place.

## Regulatory

- On March 16, 2023, BC Hydro submitted an application for Approval (Registry No.7247) to Transport Canada under the *Canadian Navigable Waters Act* regarding the constructed fish enhancement habitat (post construction) on an island approximately 26 km downstream of the W.A.C. Bennett Dam.
  - 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).

## 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 restrictions

- 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 delays

- **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, and vibration

- 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.

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