

Site C Construction Schedule: May 6 - 19, 2023



When the Site C dam is in operation, water will flow down the approach channel on the left, through six giant pipes called the penstocks, and into the powerhouse to generate electricity. See more photos in [our gallery](#).

News and highlights

- Our third information session on filling the Site C reservoir will be held on May 9. At this virtual meeting, Peace region residents can learn more about reservoir filling, which could happen as early as this fall, and speak to the project team. [Read more](#).
- The boat launch at Lynx Creek is closed. The Halfway River boat launch will be open this boating season until September, when it will close permanently in preparation for reservoir filling. [Learn more](#).
- In our latest video, we look at a new gathering space in the District of Hudson's Hope, built by Métis Nation BC with funding from BC Hydro's Indigenous Traditional Use Fund. [Watch here](#).
- Our latest jobs report shows there were 5,233 total workers on the Site C project in March, including 3,597 from B.C. [Read the full report](#).

Dam site

- **Complete:** Installation of a headwork gantry crane is complete. The crane is being used for assembly of the intake gates.
- Excavation of the approach channel, drilling and grouting, carpi liner installation, and placement of concrete and rip rap continues.
- Construction of the concrete pile caps 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 erosion protection slabs in the tailrace channel downstream of the stilling basin continues.
- Construction of the powerhouse, intakes, and spillway continues. This includes concrete placements. Concrete placement for all six penstocks is complete.
- 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 is underway.
- 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 and two runners have been installed.
- Construction of the dam, including placement of aggregates and riprap, will continue, weather dependent.
- Work will take place in the right bank drainage tunnel, including drilling and grouting, as well as the installation of a concrete wall.
- Construction of three transmission lines to connect the Site C powerhouse to the Southbank substation will continue.

Highway 29

- At Lynx Creek, crews continue to decommission the bridge and complete the remaining outstanding work, including the removal of unsuitable material, the placement of riprap, and the construction of the new Lynx Creek boat launch.
- Riprap will be hauled to Lynx Creek from sources near Chetwynd.
- At Cache Creek, crews have returned and are de-winterizing the site. Excavation of material and the placement of riprap will occur below the west abutment of the bridge. The removal of temporary construction bridges will begin. Various outstanding earthworks will also take place.
- [Visit our website](#) for Highway 29 schedules, maps, and construction updates.

Decommissioning

- The old highways at Halfway River and Cache Creek are being decommissioned, which includes removing concrete barriers, signs, and asphalt. Asphalt from Halfway River is being hauled to various Ministry of Transportation and Infrastructure pits for re-use in future projects. Asphalt from Cache Creek is being hauled to the dam site for future use in the permanent roads.

Peace River fish habitat enhancement

- Restoration on the island near Old Fort 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.
- Fish habitat enhancement on the south bank near the dam site continues with vegetation clearing and excavation of the new side channel area.

Reservoir area

- Clearing work will resume at Watson Slough. [Clearing activities](#) include vegetation clearing, road construction, 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 April 26, 2023, BC Hydro deposited four No Interference Notifications of Work to Transport Canada (Registry No.'s 7705, 7727, 7728, and 7729) under the Canadian Navigable Waters Act for the installation of four Total Dissolved Gas Monitoring Stations in the Peace River.
 - The monitoring equipment will be installed at four separate locations approximately one kilometre and 25 kilometres downstream from the Site C dam, and will be marked with a yellow buoy. Installation is expected to begin May 22, 2023.
 - The equipment will be secured to shore below the highwater mark and will be removed on May 31, 2024.
 - The submissions can be found on the [Common Project Search Registry](#).

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 Halfway River boat launch will remain open for most of the 2023 boating season. All area boat launches will be closed during reservoir filling, which could begin as early as this fall. [Read more.](#)
- 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.

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](#).
- **Other areas:** Trucks with heavy loads will be accessing the dam site and other project areas, using public and resource roads.

Equipment and noise

- Helicopters and commercial drones may be used to support investigative, and construction works.
- There may be some noise near the dam site and work areas, including the quarries.

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