

## Site C Construction Schedule: January 28 – February 10, 2023



The sixth and final turbine runner arrived at site on January 27, 2023. Five of the turbine runners are seen in the photo. The remaining one has been installed in the powerhouse. For more pictures, see [our gallery](#).

### News and highlights

- All six turbine runners have arrived at site. When the Site C dam is in operation, water will make the 165-tonne turbine runners spin, which will turn the generator to make electricity. See more pictures in [our online gallery](#).
- We're realigning more than 30 kilometres of Highway 29 between Fort St. John to Hudson's Hope, in preparation of reservoir filling, which could happen as early as fall 2023. [Watch our video](#) to find out more about the Farrell Creek segment of Highway 29.
- Controlled burning of wood debris may take place over the coming months, pending favourable conditions. [Learn more about reservoir clearing](#) and how to sign up for regular updates.

## 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 continue 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 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.
- Turbine and generator components and materials continue to be delivered to site, and some to storage, for future installation. All six turbine runners have arrived at site.
- In the powerhouse, installation and assembly of turbine components continues and generator rotors are being assembled in the main service bay.
- Hauling activities continue from aggregate sources on the south bank.
- Construction of the dam, including placement of aggregates and riprap, and drilling and grouting of the abutments may continue, weather dependent.
- Work may take place in the right bank drainage tunnel, including drilling and grouting, as well as the installation of drains.

## Highway 29

- Crews have demobilized for the season at Cache Creek, Halfway River, Farrell Creek, and Lynx Creek.
- Our contractor at Cache Creek may be on site to complete minor outstanding work on the bridge.
- [Visit our website](#) for Highway 29 schedules, maps, and construction updates.

## Decommissioning

- Crews are excavating a culvert at Dry Creek.
- The old highway at Lynx Creek is being decommissioned.
- Decommissioning of the old highway at Cache Creek may begin.

## Fish habitat construction near Old Fort

- Restoration of the area which was under the north aggregate stockpile is in progress.

## Reservoir area

- Work is underway to finish a spawning shoal for rainbow trout and mountain whitefish near Peace Canyon Dam, known locally as the “Fingers.” Construction is expected to finish by the end of January. [Read more](#).
- Crews are removing new vegetation that has regrown into previously cleared areas in the reservoir, between the dam site and Cache Creek.
- 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. Learn more about [reservoir clearing](#).
- Burning of wood debris may take place along the north and south banks of the Peace River, including Watson Slough and the area surrounding Hudson's Hope, pending favourable conditions.

- 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.

## 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](#).
- **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 reduced 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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