

Site C Construction Schedule: April 30 – May 13, 2022



An aerial view of the recent progress on the approach channel, powerhouse, dam core and buttress. See more photos in the [image gallery](#).

News and Highlights

- Our first drone video of 2022 shows the the latest construction progress on the Site C powerhouse, roller-compacted concrete buttress, earthfill dam, Highway 29 realignment and Hudson's Hope shoreline protection. [Watch here](#).

Dam site area – north bank and south bank

- Excavation of the approach channel, drilling and grouting, and underground works on the north and south drainage features are underway.
- Powerhouse, spillway, and dam and core buttress construction continues. This includes concrete placements at the powerhouse, intakes and spillways. Installation of penstock segments also continues.
- Penstock sections will continue to be delivered to site for the last penstock unit installation.

- 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 steel piles and tailrace excavation continue as part of the [right bank foundation enhancements](#). The piles extend the foundation further into the bedrock.
- 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 next winter when road conditions allow.
- Installation of turbine embedded parts continues in the powerhouse.
- Clearing and road construction activities to access aggregate sources on the south bank (Area E and Area 24) and north bank (Howe Pit) are underway.
- Site preparation, foundation construction and the installation of poles for the relocation of a portion of a 138-kilovolt transmission line on the dam site, to provide access to aggregates, will occur.
- Construction of foundations for three 500-kilovolt transmission lines between the Site C Substation and the Site C Powerhouse will continue.

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)

- Construction of the highway grade will resume. As part of this work a rock crusher will be mobilized to Peaceview Pit to make aggregate.
- The installation of formwork and rebar will begin for the construction of the cast-in-place concrete bridge deck. The installation of the concrete bridge deck may occur. This will require night-time operations.

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

- Construction will resume with snow-clearing and mobilization of equipment back to the site. Earthwork on the east and west bridge approaches will resume.

Farrell Creek East (3.5-kilometre-long highway realignment)

- Construction will continue, including completion of outstanding drainage works, installation of riprap and preparation of the paving surface for the top lift of asphalt.

Farrell Creek (417-metre-long bridge and 1.9-kilometre-long highway realignment)

- The delivery of pre-cast concrete deck panels and onsite storage will continue. The installation of the pre-cast concrete deck panels on the steel girders will begin.
- Construction of the east and west abutments, including installation of formwork and rebar, will resume.
- Construction of the earthworks for the east and west tie-ins will resume, including hauling and placement of aggregates.

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

- Construction will continue, including the removal of overburden from future fish habitat.
- The installation of drainage ditches, culverts, removal of unsuitable materials from the future roadbed and the hauling and placement of aggregates will occur.

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

- The Contractor will be hauling and placing aggregates and riprap along the highway alignment. Riprap may be hauled from Portage Mountain and stockpiled on site.

- Processing of aggregate adjacent to Highway 29 will continue. A second crusher may be mobilized to Gates Island to process paving aggregates.
- The installation of formwork and rebar on the bridge deck in preparation for installation of the concrete bridge deck will continue.

Hudson's Hope shoreline protection berm

- The [construction of a 2.6-kilometre-long berm](#) to protect the shoreline of Hudson's Hope is in progress. Work includes hauling and placing a berm filter and riprap to bring the berm up to the design elevation. Riprap may be hauled to site from Portage Mountain Quarry.
- Hauling and placement of stockpiled aggregate on the berm will continue.
- The installation of piping and other materials for a future reservoir water intake may occur.
- The installation of drainage ditches and culverts will continue.
- 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.
- BC Hydro continues to work with the Ministry of Transportation and Infrastructure regarding the road maintenance of Canyon Drive.

Portage Mountain Quarry

- Road and quarry maintenance will continue to maintain safe access to the site.
- Rock hauling will continue from the Portage Mountain Quarry and stockpile areas to the berm worksite and hauling may resume to Highway 29 construction at Lynx Creek.
- Some minor blasting may occur in order to remove loose, hazardous rock at the top of the quarry.

Reservoir area

- Field investigations may occur.
- Removal of infrastructure and soil testing will be occurring on the south bank of the reservoir, adjacent to Maurice Creek.

Transmission works

- The transmission line contractor will continue work on tower foundation painting and reclamation works.

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 summer and fall.

Regulatory

- On March 31, 2022 BC Hydro submitted four Notifications of Minor Works to Transport Canada (Registry Numbers 5389, 5390, 5391 and 5392) under the *Canadian Navigable Waters Act* for the placement of small wave monitoring sensors on the bed of the Peace River.
- The sensors will be located approximately 3kms upstream of the Site C Dam. The sensors will be used to monitor shoreline erosion. Installation of the sensors is expected to occur in early April. The submissions can be found on the [Common Project Search Registry](#).

COVID-19 update

- The project continues to work with Northern Health to monitor the latest developments of the COVID-19 pandemic to help prevent the spread of the virus on the project, additional information is updated on our website [here](#).
- The shuttle service, which was suspended due to the COVID-19 pandemic in 2020 resumed at the beginning of April and will operate between ATCO Two Rivers Lodge and Fort St. John.

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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