

Site C Construction Schedule: May 15 – May 28, 2021



Crews completed the first concrete placement pour on the Highway 29 Halfway River Bridge deck recently. Concrete was placed using a concrete pump truck and then levelled with a screed machine, which moves on rails to level the concrete to the correct thickness and slope for the deck. See more project photos in the [image gallery](#).

News and highlights

- The [latest employment statistics](#) show there were 4,321 total workers on the Site C project in March 2021.
- BC Hydro is applying for an EAC amendment to allow trucks to haul materials from the 85th Avenue Industrial Lands to the dam site when the conveyor is out of use for reasons beyond BC Hydro's control. The public comment period continues until May 29, 2021. Read more [here](#).
- For an update on the construction of the Hudson's Hope shoreline protection berm and construction activities at Portage Mountain Quarry, please read the [latest notification letter](#).
- An eight-kilometre section of the Halfway River has reopened to boat traffic. Boaters are urged to observe and obey all signage and to use extreme caution while on the Halfway River, especially when water levels are low. Read more [here](#).

- BC Hydro reminds boaters that the section of the Peace River around the Site C dam site is permanently closed to boaters. Being on or near the water around the Site C construction area presents a serious safety risk to river users. [Learn more.](#)

COVID-19 update

- BC Hydro continues to work closely with Northern Health to manage the COVID-19 outbreak at site; as of May 14, there are currently no active cases related to the outbreak. Northern Health has supported the contact tracing and containment measures that have been taken so far. Here is an [update that Northern Health provided on May 12, 2021.](#)
- BC Hydro continues to work with Northern Health and provincial health officials to monitor for COVID-19 and protect our workforce and partner communities.
- For more information, visit <http://www.sitecproject.com/COVID-19>.

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. Placement of dam core material in the completed core trench sections on the right and left bank is underway. All work fronts are being monitored and maintained to meet environmental and regulatory commitments.
- Powerhouse construction continues. This includes concrete placements at the powerhouse, intakes and spillway, installation of penstock segments, and construction of the steel super-structure for the powerhouse.
- Roller compacted concrete placement has resumed at the dam and core buttress on the south bank.
- The turbines and generators contractor continues to deliver components and materials to site for storage. The contractor continues to install the turbine embedded components for Units 1, 2, 3 and 4, and pre-assembly of larger components has commenced in the main service bay of the powerhouse.
- Caution should be exercised at the shoreline upstream of the dam site area due to the headpond. Water levels could increase or decrease rapidly without warning. Learn more about river diversion and headpond formation: sitecproject.com/diversion.

Hudson's Hope shoreline protection berm

- The [construction of a 2.6-kilometre-long berm](#) to protect the shoreline of Hudson's Hope is underway.
- Activities occurring on site include vegetation clearing and stripping of material from the shoreline, and placing material along the shoreline to build the berm.
- Aggregates are being hauled to the berm site from Portage Mountain.
- 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 is monitoring noise and dust in an effort to proactively develop mitigation measures.
- For more information, read the latest [notification letter](#).

Portage Mountain Quarry

- Hauling of aggregate from Portage Mountain Quarry to various Highway 29 construction sites may occur.
- The hauling of material to a stockpile site adjacent to the quarry is in progress.
- Hauling, processing and stockpiling of riprap is in progress.
- Blasting of riprap will begin.

Highway 29

Cache Creek East

- Construction work at Cache Creek currently includes grading, drainage and bridge foundation works.
- The contractor will continue the construction of the highway grade, which includes grubbing stumps, stripping of topsoil, and hauling and placement of aggregate from the Peaceview Pit to the future highway alignment.
- The contractor continues to install bridge foundations, which includes the installation of concrete piles and the construction of concrete bridge piers. Bridge pier construction includes the installation of steel rebar, formwork and the placement of concrete in multiple lifts.

Halfway River

- Construction of a 1,042-metre-long bridge at [Halfway River](#) continues.
- The installation of a cast-in-place bridge deck is in progress. This includes the installation of scaffolding, formwork and rebar on top of the bridge steel girders and pre-cast deck panels. Concrete will be placed in multiple lifts and work may occur 24 hours a day during the placement and curing of concrete.
- Bridge abutment construction is in progress, which includes installation of formwork, rebar and concrete, as well as placement of bridge end-fill aggregates.
- Grading will continue on the new highway alignment and will include the placement and compaction of aggregate on the highway embankment.

Farrell Creek East

- The contractor will continue mobilizing to site to begin drainage and grading work.
- The contractor will continue stripping of borrow areas and the future highway grade. Materials will be excavated from borrow areas, hauled and placed to construct the highway.
- The contractor will operate a processing plant to produce aggregates.

Farrell Creek

- Construction is continuing on the new highway and bridge at Farrell Creek. Current activities include bridge foundation construction and the construction of the future highway grade.
- The construction of bridge foundations will continue including concrete foundation construction. Concrete bridge foundation construction includes the installation of rebar, formwork and pouring of concrete.
- The contractor will begin crushing aggregates on site.

Dry Creek

- Construction of a 192-metre-long bridge at Dry Creek is in progress. Current activities include drilling bedrock and installing rock anchors and constructing concrete bridge foundations.

- The contractor will begin grubbing, stripping and removal of unsuitable material from the future highway alignment. Aggregates will be hauled from borrow sites and stockpiles and placed on the highway embankment.

Lynx Creek

- Activities at the site include stripping of work areas, the development of borrow sites and excavation and hauling of aggregates to construct the highway grade.
- Gravel extraction will occur at various locations including Gates Island; gravel will be hauled and placed along the new highway alignment.
- The installation of piles for the bridge foundations will continue. This includes drilling into bedrock, installing steel pile casings and rebar and pouring concrete.
- [Visit our website](#) for more Highway 29 schedules, maps and construction updates.

Reservoir area

- Field surveys and investigations are occurring along the reservoir. Some road deactivation activities may occur.

Transmission works

- Work will be limited to surveying, foundation painting, site clean-up and restoration activities.

Regulatory notices

- BC Hydro is applying for an EAC amendment to allow trucks to haul materials from the 85th Avenue Industrial Lands to the dam site when the conveyor is out of use for reasons beyond BC Hydro's control. The public comment period started on April 29 and continues until May 29, 2021. Read more [here](#).
- BC Hydro has submitted a Notification of Work to Transport Canada (Registry #3529) under the *Canadian Navigable Waters Act*. The Notification is for the construction of a temporary bridge crossing Maurice Creek, approximately 240 m upstream from the confluence of the Peace River. The crossing is required to facilitate clearing of the Site C reservoir. Comments on this Notification can be submitted via the [Common Project Search \(CPS\)](#) 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 has been 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.
- An eight-kilometre section of the Halfway River has reopened to boat traffic and boaters are urged to exercise caution. [Learn more](#).
- The seasonal Peace River Portage Program will operate between the Halfway River boat launch and the Peace Island Park boat launch from May 15 to September 15, 2021. For more information, visit www.siteproject.com/boating.

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. Learn more at [drivebc.ca](#).
- Drivers on the road are reminded to travel at a safe distance behind construction vehicles particularly near the Highway 29 road alignment sections along Highway 29.
- **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

- Heavy machinery will be in the transmission line corridor. Please stay clear of the work areas. 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.

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