

Site C Construction Schedule: June 12 – June 25, 2021



Crews excavate and prepare the dam core area where the earthfill dam will be constructed. See more project photos in the [image gallery](#).

News and highlights

- 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. Northern Health has supported the contact tracing and containment measures that have been taken so far. [Here is an update provided by Northern Health on June 11, 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 continues 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 currently reduced on site with temporary shutdown of berm construction. Berm construction may resume along the west end of the site including 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

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

Highway 29

Cache Creek East

- Construction of a 590-metre-long bridge and six-kilometre highway grade at Cache Creek continues.
- The contractor will continue the construction of the highway grade, which includes removal of unsuitable material, placement of geotextile fabric 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.
- Aggregates will be hauled from Peaceview Borrow, Portage Mountain and West Pine quarries.

Halfway River

- Construction of a 1.42-kilometre-long bridge and a three-kilometre highway realignment at [Halfway River](#) continues.
- The installation of a cast-in-place bridge deck and parapets 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.
- Aggregates may be hauled from Portage Mountain Quarry.

Farrell Creek East

- Construction of a 3.5 kilometre highway realignment at Farrell Creek East continues.
- The contractor will continue construction of the highway alignment which includes removal of unsuitable material, placement of geotextile fabric and placement of aggregates hauled from on site borrow areas.
- The installation of fencing will continue.
- The contractor will operate a processing plant to produce aggregates.

Farrell Creek

- Construction of a 411-metre-long bridge and 1.9-kilometre highway realignment at Farrell Creek continues.
- Concrete bridge pier and bridge abutment foundation construction will continue including the installation of rebar, formwork and pouring of concrete.
- The contractor will continue construction of the highway alignment and tie-ins including removal of unsuitable material, placement of geotextile fabric and placement of aggregates hauled from on-site borrow sources.
- The contractor will continue crushing aggregates on site.

Dry Creek

- Construction of a 192-metre-long bridge and 1.5-kilometre highway realignment at Dry Creek is in progress.
- Current activities include drilling bedrock and installing rock anchors and constructing concrete bridge foundations. Concrete bridge foundation construction includes installation of rebar, formwork and the placement of concrete in multiple lifts.

- The contractor will continue 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

- Construction of a 150-metre-long bridge and 8.5-kilometre highway realignment at Lynx Creek is in progress.
- A short section of distribution poles are being relocated temporarily due to the temporary realignment of the road.
- The contractor will continue construction of the highway alignment including removal of unsuitable material, placement of geotextile fabric and placement of aggregates hauled from Gates Island and borrow sources within the work site. Overburden removal and gravel extraction at Gates Island will continue to support embankment construction.
- The construction of bridge foundations will continue, including the installation of piles for the bridge foundations and concrete foundations for bridge piers and abutments. Piling includes drilling into bedrock, installing steel pile casings and rebar and pouring concrete. Foundation work includes installation of rebar, formwork and the placement of concrete in multiple lifts.
- A traffic detour at the east end of the work site will begin construction, including grading, roller compacting and then paving. The detour is expected to be in place for traffic at the end of June or early July.
- Hauling of rock from Portage Mountain Quarry may occur.
- [Visit our website](#) for more Highway 29 schedules, maps and construction updates.

Reservoir area

- Field surveys and investigations are occurring along the reservoir.

Transmission works

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

Regulatory notices

- BC Hydro has submitted an Application for Approval to Transport Canada (Registry #3673) under the *Canadian Navigable Waters Act* for fish habitat enhancement work located on a mid-channel island in the Peace River, opposite Hudson's Hope. Habitat development at this site will be achieved through the placement of boulder clusters, and is scheduled to begin in Fall 2021. Comments on this application 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 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.
- Boaters are urged to exercise caution on the lower reaches of the Halfway River, as construction activities may have changed the river channel. [Learn more](#).
- The seasonal Peace River Portage Program operates 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.sitecproject.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 realignment sections.
- **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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