

## Site C Construction Schedule: June 26 – July 9, 2021



Crews are constructing the upper spillway headworks. The spillways are an important safety feature, allowing the passage of large volumes of water from the future reservoir into the river channel downstream. See more project photos in the [image gallery](#).

### News and highlights

- Application information about BC Hydro's Rustic Recreation Site Fund, which allocates \$100,000 during Site C project construction for the development or enhancement of recreation sites located along the Peace River, is now available. The application intake period is from September to October 2021. [Learn more](#).
- 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

- On June 23, Northern Health announced the outbreak at Site C has been declared over. Please visit the [Northern Health website](#) for more information about the declaration.
- Information about the number of people staying in camp, active COVID-19 cases and most recent information continues to be updated on our website [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. 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, 4 and 5, 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](http://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.
- Berm construction will resume, and construction will begin 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 will continue.

## Highway 29



Crews have begun pouring concrete to build the piers for the Cache Creek bridge as part of the Highway 29 realignment. The bridge will have six piers, and the bridge will be 44 metres tall at the highest point. See more project photos in the [image gallery](#).

### 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.

## *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.
- Single lane alternating traffic may be required.

## *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.

## *Lynx Creek*

- Construction of a 150-metre-long bridge and 8.5 kilometre highway realignment at Lynx Creek is in progress.
- 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 continue 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. Some hauling of timber to local mills may occur if road conditions are suitable.

## Transmission works

- The contractor will be remobilizing crews and equipment to begin conductor stringing.
- Work will include setting up material storage yards, installing hardware onto transmission towers and may involve the use of helicopters.
- Surveying, foundation painting, site clean-up and restoration activities will continue.

## 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](http://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. 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](http://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 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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