

Site C Construction Schedule: September 4 – September 17, 2021



An excavator at the bottom of the DA Thomas Road hill piles rip-rap on the Hudson's Hope shoreline protection berm. See more project photos in the [image gallery](#).

News and highlights

- The [latest employment statistics](#) show there were 5,108 total workers on the Site C project in July 2021.
- BC Hydro invites non-profit recreation groups, local governments and Indigenous groups to submit applications between September 1 to October 31, 2021, to develop a rustic recreation site along the Peace River or outside the Site C dam site and reservoir area. [Learn more](#).

- 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 August 18, Northern Health announced it had declared a COVID-19 outbreak at Site C.](#) The outbreak will remain in place for at least 28 days and Northern Health has determined work on the project can continue as planned with the implementation of additional safety measures. BC Hydro continues to work closely with Northern Health to manage these recent cases and prevent future cases.
- 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 is underway.
- Penstock deliveries will occur on September 9 and 16, resulting in night-time traffic delays on Old Fort Road. Check our website for the latest [delivery schedule](#).
- Powerhouse and Spillway 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, 5 and 6, and pre-assembly of larger components has commenced in the main service bay of the powerhouse. The remaining four turbine runners are scheduled to be delivered to Area 24 in early 2022.
- 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 headpond formation: siteproject.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 continues along the west and east ends of the site including vegetation clearing and stripping of material from the shoreline, and placing material along the shoreline to build the berm.
- Rip-rap is being hauled from Portage Mountain and stockpiled on site.
- Rip-rap may be hauled from West Pine quarry and stockpiled on site.
- The Hudson's Hope water intake and pumphouse may be decommissioned and removed to make way for berm construction.
- 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.

Portage Mountain Quarry

- Processing and stockpiling of rip-rap will continue.
- Hauling of aggregate from Portage Mountain Quarry to the Hudson's Hope shoreline protection berm and various Highway 29 construction sites will occur.
- The hauling of material to a stockpile site adjacent to the quarry 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 is ongoing, including the removal of unsuitable material, ditching and hauling and placement of aggregate.
- Installation of bridge foundations continues, including concrete bridge piers and bridge abutments.
- An asphalt plant will be mobilized to the Peaceview Borrow site, and paving of the highway alignment may occur.
- Work to install a new distribution line system along the new highway alignment will continue. This work will be underway until mid-September.

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

- The installation of a cast-in-place bridge parapets is in progress. Concrete will be placed in multiple lifts.
- Grading will continue on the new highway alignment and will include the placement and compaction of aggregate on the highway embankment.
- Rip-rap may be hauled from Portage Mountain Quarry.

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

- 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.
- Hauling of paving aggregate from Peaceview Borrow and paving on the new highway alignment may occur.

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

- Concrete bridge pier and bridge abutment foundation construction continues, including the installation of rebar, formwork and pouring of concrete.
- Construction of the highway alignment and tie-ins will continue.
- Aggregates may be hauled from commercial quarries near Hudson's Hope and placed on the highway alignment.
- Single lane alternating traffic will be required periodically.
- Clearing of remaining trees upstream of the site, within the Farrell Creek drainage, may begin.

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

- Current activities include construction of the bridge and abutments.
- The delivery to site and installation of pre-cast concrete deck panels may occur.

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

- Highway construction continues, 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 foundations for bridge piers and abutments.
- A traffic detour at the east end of the work site has been completed and will be in place until 2022. Periodic traffic stoppages will occur to allow off-highway haul trucks to cross the highway.

Reservoir area

- Road construction and logging activities are occurring between Cache Creek and Peace Canyon on the north and south banks of the Peace River and on its islands. Helicopters may be used to support clearing activities. Hauling of timber to local mills will occur when road conditions are suitable.

Transmission works

- Conductor stringing continues on the west end of the transmission line right-of-way. Work includes setting up material storage yards, installing hardware onto transmission towers, and conductor stringing and will involve the use of helicopters.
- Surveying, foundation painting, site clean-up and restoration activities will continue.

Regulatory

- On August 20, 2021, BC Hydro submitted an Application for Approval to Transport Canada (**Registry #4086**) under the *Canadian Navigable Waters Act* for the development of shoal habitat for fish spawning at KM21, as part of the Site C Project's fish habitat offset requirements. KM21 is located on the south bank of the Peace River, approximately two kilometres downstream of the Peace Canyon Dam and 84 kilometres upstream of the Site C Dam. Habitat development at this site will be achieved through the placement of spawning gravels, cobbles, large woody debris and rock clusters. Work is scheduled to begin in spring/summer 2022 and is expected to take approximately five weeks to complete. 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. 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 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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