

SITE C PROJECT CONSTRUCTION

PEACE RIVER / RESERVOIR AREA

The Site C project will result in an 83-kilometre-long reservoir that will be, on average, two-to-three times the width of the current river. While the filling of the reservoir is one of the last construction activities to take place, work in and around the Peace River started in summer 2015.

There will be a permanent navigation restriction of the Peace River at the Site C dam site for boaters and recreational users when the construction schedule reaches a point that the closure is required. This is expected within the next two or three years. This navigation restriction will be required to ensure public and worker safety during construction and operation of the dam. Every effort will be made to maintain navigation on the river, as long as it is safe to do so.

In fall 2015, public safety buoys were installed upstream and downstream of the Site C dam site to provide a demarcation of the construction area. The buoys will be removed this spring and replaced by beacons on the north and south shore of the Peace River, upstream and downstream of the Site C dam site. These beacons will have flashing lights and will mark the boundaries of the active construction area. While boats and recreational users will be able to move past these beacons and navigate the river, shoreline access in the dam site area is restricted.

Other construction activities affecting the Peace River during the eight-year construction period include clearing, river channelization, river diversion and reservoir filling.

Clearing

To reduce the accumulation of methylmercury (a naturally-occurring environmental toxin), mitigation measures include the removal of trees and vegetation in the reservoir area. This includes clearing the entire length of the reservoir to Hudson's Hope.

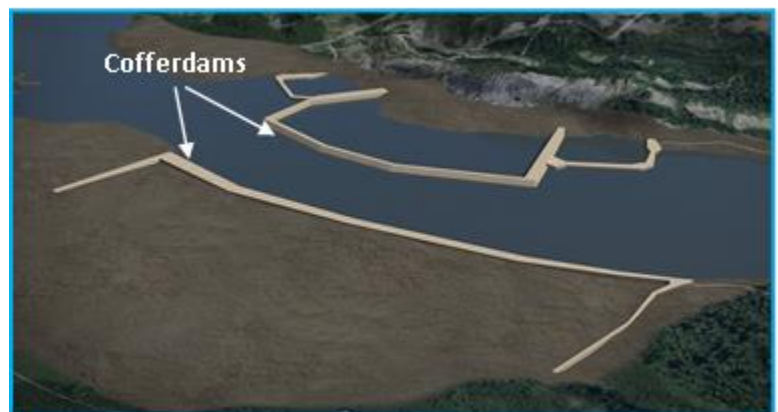
River Channelization

Cofferdams will be constructed that will confine the river to its main channel. This allows for construction activities to begin behind the cofferdams on each side of the Peace River.

Work will then begin on two 750-metre-long diversion tunnels which will eventually divert the river around the dam site.

River Diversion

After the river channelization, construction will start on larger upstream and downstream cofferdams that will redirect the river through



diversion tunnels, allowing a dry construction area to build the central portion of the earthfill dam. River diversion will take place in 2019, over a period of several weeks.

Reservoir Filling

When the reservoir area has been cleared and the earthfill dam, power intakes and spillways are complete, the reservoir will be filled. It will be, on average, two-to-three times the width of the current river.

Anticipated Timeline

2015 to 2022

Additional Information

- The closure of the Peace River at the dam site will impact recreational activities such as boating. Please visit the Site C website and sign up for updates to stay informed.
- Boaters will be notified of dam site navigation hazards and changes through signage installed at boat launches upstream and downstream of the dam site.
- A security boat will be actively monitoring boat traffic in the dam site area.
- Please use caution and observe all signs when recreating near the dam site at all times of year.
- Localized changes in truck traffic can be expected as a result of clearing activities and ongoing work in the area.

