

## 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 in-river construction progresses to a point that the closure is required. This will occur prior to river diversion in 2020. 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.

Public safety signs and beacons have been installed on the north and south banks of the Peace River, upstream and downstream of the dam site, to mark the boundaries of the active construction area. Until further notice, boaters will be able to pass through the dam site, but will not have shoreline access in the dam site construction area. A security boat will be monitoring boat traffic.

Other construction activities affecting the Peace River 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.

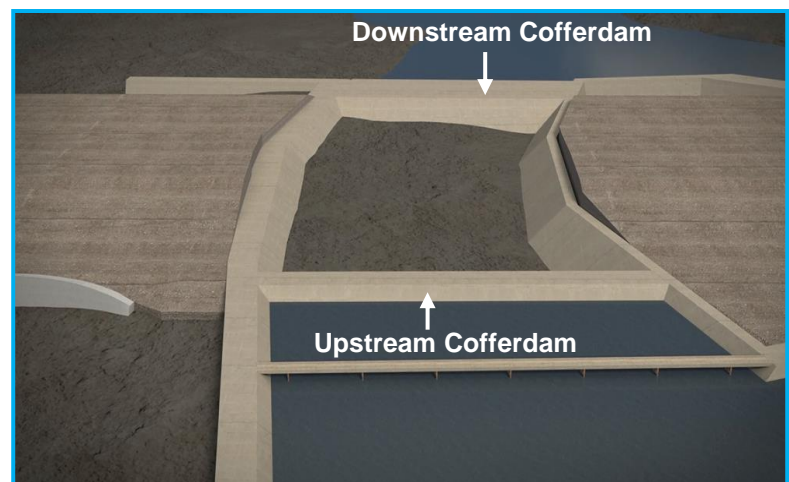
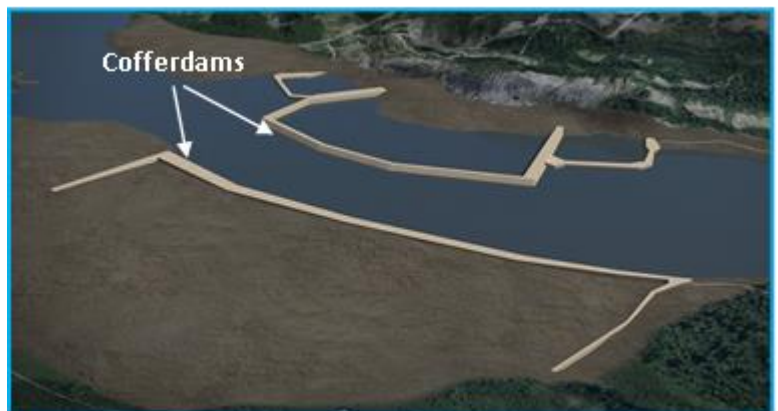
### River channelization

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 fall 2020, 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 starting in late 2023. It will be, on average, two-to-three times the width of the current river.

## Anticipated timeline

2015 to 2024

## What to expect

- 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 and safety beacons 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.

