



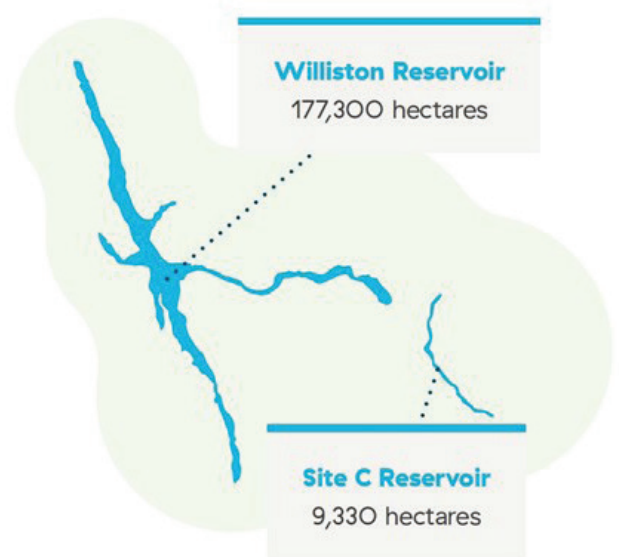
Filling the Site C Reservoir

April 2024

One of the last milestones in building the Site C dam is to fill the reservoir. Filling the reservoir allows us to put the generating station, spillways, turbines and generators into operation, creating enough energy to power the equivalent of about 450,000 homes, or 1.7 million electric vehicles.

The reservoir will widen the Peace River by three times

- Covers 5,550 hectares of land, with a total surface area of about 9,330 hectares
- Depth will vary—52 metres close to the dam, 36 metres at Halfway River, and 18 metres near Hudson's Hope
- 83 kilometres long and, on average, two to three times the width of the current Peace River (Moberly River, Halfway River and Cache Creek will also widen)
- Will generate approximately 35 per cent of the energy produced at the W.A.C. Bennett Dam, with just five per cent of the reservoir area
- Uses water already stored in and released from the Williston Reservoir



Reservoir filling in 2024

Site C reservoir filling is targeted to begin in late summer 2024.

Timing depends on regulatory approvals, provincial authorizations, and environmental compliance. It will also consider unknown environmental conditions such as weather that could affect upstream operations of the Peace River system.

Drought and a below-average snowpack will not impact reservoir filling.

Did you know?

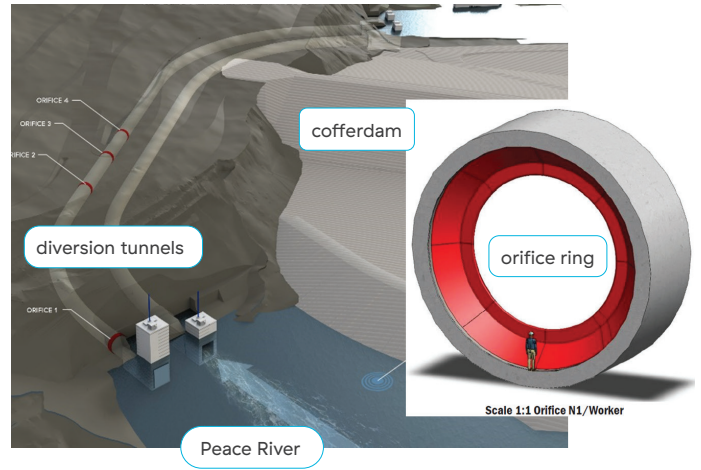
- Once the reservoir is ready to fill, it will take approximately four months for the water to reach its full depth.
- The reservoir will fill at a varying rate of 0.3 metres to 3 metres per day.

Closing the diversion tunnels

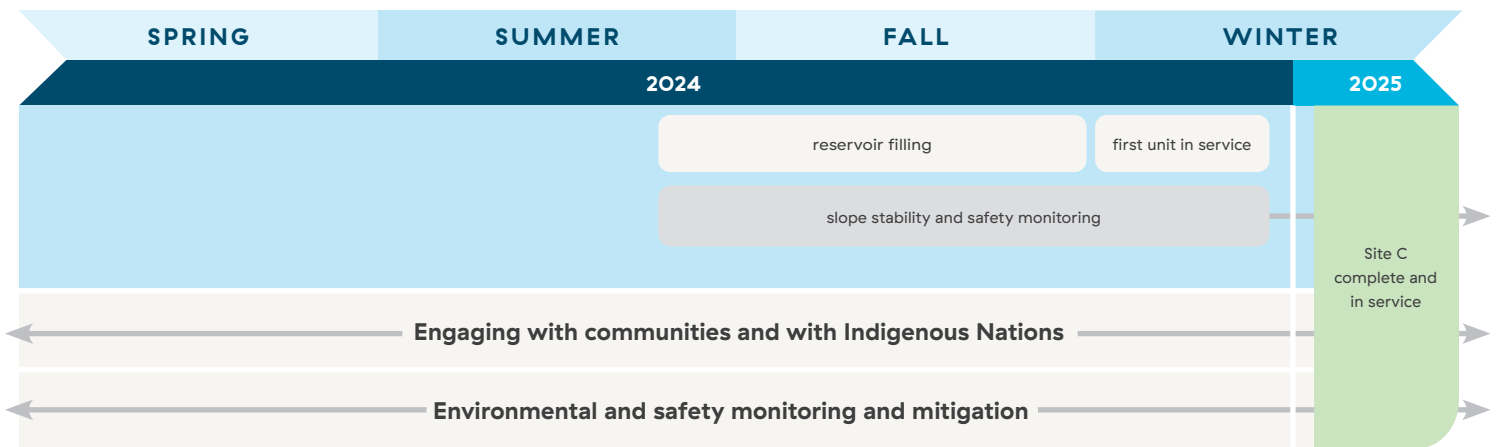
To prepare for reservoir filling, we've converted one of two tunnels that are currently **diverting the Peace River** around the dam site by installing large rings or orifices.

When we begin to fill the reservoir, one tunnel will be closed. Water will be restricted in the converted tunnel, causing the water level to rise. When the water is high enough to flow through the spillway, the converted tunnel will be closed.

Flows downstream will continue throughout reservoir filling. The diversion tunnels will be permanently sealed and filled in after reservoir filling is complete.



CURRENT SCHEDULE



Boater safety and reservoir access

The access road to the existing boat launch at Halfway River will remain open until reservoir filling begins in late summer 2024.

We're building new launches at D.A. Thomas Road, Lynx Creek, and Halfway River.

We'll monitor the area for slope stability, erosion, and debris management. The new boat launches will remain closed for at least a year after the reservoir is filled, until the reservoir has been deemed safe.



How will the reservoir be filled?

Using your mobile device, scan the QR codes below to learn more on filling the Site C reservoir.



Watch video:
[Filling the Site C reservoir](#)



Learn more:
 Visit [sitecproject.com](https://www.sitecproject.com)

Site C Reservoir

