

## DIVERSION UPDATE

### Site C Diversion Update: August 24, 2020

Recently, we've had a number of activities take place that we want to share with you, including pumping water, cofferdam removal in one area, and cofferdam building in another. In addition, our fish and aquatic team have been busy assessing fish movement during encroachment to demonstrate that fish can safely swim downstream through the dam site during the diversion process.

We started pumping water behind the inlet and outlet cofferdams which was then followed by the start of lowering the inlet and outlet cofferdams themselves as we work towards breaching the cofferdams and opening the tunnels. While we are still a few weeks away from full removal of the cofferdams, we completed the first phase of pumping water in and the lowering of the cofferdams. Over the next few weeks the construction teams will continue to remove portions of both cofferdams. Once the construction teams have removed as much of the cofferdams as possible more water will be pumped in and remaining portions of the cofferdams will be removed.



Water is being pumped into the inlet cofferdam. This water is approximately seven metres deep at the inlet gates and was pumped in about one day.

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Water being pumped into the outlet cofferdam (left) while equipment removes material at the top of the outlet cofferdam.



Top phase of the inlet cofferdam removed and an excavator beginning the next phase of cofferdam removal.

Our construction teams have extended the rock berm a further 10 metres into the Peace River upstream of the cofferdam. The upstream cofferdam rock berm is 77 metres into the Peace River. This is a relatively small distance, but is a good step in keeping the progress of the cofferdam and rock berm going. While we don't have any pictures of that work being completed we do have a great aerial shot of the site.



Aerial photo of the upstream cofferdam progress into the river (left), inlet cofferdam full of water (right), and upstream debris boom (top).

In July 2019, we installed monitoring equipment throughout the Peace River and its tributaries to track the movements of tagged fish. We have since installed additional equipment at the dam site to collect more detailed information on fish movement. We've detected tagged fish moving upstream past the project during each increment of encroachment. We continue to closely monitor water flows through the site and impacts of changes in flows through a number of in-river instruments. Results from hydraulic modelling, velocity measurements and fish movement data have shown that fish have been able to safely swim through the dam site despite the in river construction and high flows.

Once we've diverted the river, this equipment will be used to monitor tagged fish as they approach, enter and pass the [temporary fish passage facility](#).

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Monitoring equipment is positioned on the right bank to track the movements of tagged fish as they swim through the dam site. Note the rockfill berm and upstream cofferdam in the background.

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