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August 30, 2024

**Re: Notice of Site C Construction Activities: October to December 2024**

As part of our ongoing commitment to engaging with Indigenous Nations, we consistently share updates about upcoming work at Site C. This letter outlines construction work taking place from October 1 to December 31, 2024. [You can also read this letter online.](#)

Site C reservoir filling began on August 25, 2024, and is expected to take up to four months to complete. Once filled, the reservoir will have varying depths: 52m near the dam, 36m at Halfway River, and 18m at Hudson's Hope. Water from the Williston Reservoir is filling the Site C reservoir. Drought and below-average snowpack do not affect filling of the Site C reservoir.

During reservoir filling, regular updates will be posted on [our website](#).

The project remains on track for first power in 2024 and all six generating units in-service by the end of 2025. Our focus for the upcoming period includes filling the reservoir, testing and commissioning generating units, stringing transmission lines, commissioning intake and spillway gates, as well as other work outlined below.

**Construction activity overview: October to December 2024**

- Reservoir filling and monitoring for wildlife impacts, slope stability and fish stranding.
- First power scheduled for December.
- Construction of a cofferdam at the outlet of the diversion tunnels once closed.
- Progression of earthworks at the dam site.
- Construction of a drainage channel on the left bank of the river.
- Commissioning of the spillway and intake gates.
- Construction and commissioning of the turbines and generators equipment.
- Transmission line stringing between the penstocks and the powerhouse.
- Construction of the balance of plant (mechanical, electrical, architectural scopes).
- Commissioning of the permanent fishway facility.
- Construction of Hudson's Hope recreational site at D.A. Thomas Road.
- Reclamation work in various areas of the project.
- Geotechnical site investigations at Upper Cache Road.

For all activities described in this letter, the [necessary approvals](#) will have been obtained before work begins. Geotechnical site investigations, air quality monitoring, heritage and other field studies are ongoing. We'll continue to provide [annual field study notices](#) of these activities.

For the safety of the public and workers, please use caution when hunting, shooting, or setting traps in Site C project areas.

*The following information outlines work taking place in different areas of the project.*

## **Dam site**

- **Reservoir filling:**
  - Reservoir filling is underway, with the closure of Diversion Tunnel 1 and upcoming closure of Diversion Tunnel 2, including removal of headworks equipment.
  - The necessary downstream minimum flow of 390 cubic metres per second is maintained through the approach channel using a combination of spillway operating gates and low-levels outlets.
  - Monitoring of the reservoir area for wildlife and fish impacts will be underway and includes participation from Indigenous cultural monitors.
  - Monitoring of the tailrace area for fish impacts from stranding or total dissolved gas is underway.
  - By December 2024, reservoir filling is scheduled to be complete.
- **Access roads:** Crews will continue to maintain dam site access roads and existing south bank resource roads, including petroleum development roads.
- **Main civil works and infrastructure:**
  - Excavation, hauling and stockpiling of aggregate within the dam site.
  - Continued operation and maintenance of the left bank drainage adit and right bank drainage tunnel.
  - Permanent dam site road construction.
  - Construction of a drainage channel on the left bank of the river.
  - Haul road realignments on the dam site.
  - Reclamation and recontouring of completed areas of the dam site, including the till conveyor right-of-way.
- **Permanent fishway facility:** Final commissioning activities may take place, and operations are expected to begin.
- **Temporary fishway facility:** Decommissioning activities may begin.
- **Generating station, spillways, and right bank foundation enhancements:**
  - Continued commissioning of the spillway and intake gates with permanent power and controls.
  - Construction of the right bank stability buttress.
  - Construction activities related to diversion tunnel backfilling will begin.
- **Turbines and generators:**

- Installation of the turbine and generator components in the powerhouse will continue.
- Assembly of generator components will continue inside the powerhouse main service bay and at the contractor's on-site shop.
- Commissioning activities will be underway, with first power scheduled for December.
- **Balance of plant:**
  - Electrical and mechanical equipment components will continue to be safely delivered to and installed at site.
  - Installation of electrical and mechanical equipment inside the powerhouse, drainage galleries, intakes and spillways will continue.
  - Construction of control rooms and office space within the powerhouse will continue.
  - Commence activities related to taking over operation and maintenance of the left bank drainage adit and right bank drainage tunnel from main civil works.
- **Transmission lines:** Stringing of the wires between the penstocks and the powerhouse on the two remaining 500 kilovolt transmission lines.

#### Public roads and highways

- **Highway 29:** Road work at the Halfway River intersection will take place.
- **Turnarounds:** Geotechnical investigations with a backhoe will occur at Upper Cache Road.
- **D.A. Thomas Road and Hudson's Hope Recreational Site:** Construction of the Hudson's Hope recreational site and upgrades to D.A. Thomas Road will continue.

#### Peace River and reservoir area

- **Wildlife monitoring:** Monitoring of the reservoir area for wildlife and fish impacts will be underway and includes participation from Indigenous cultural monitors.
- **Archaeology:** On-call archaeological studies, as required, anywhere on the project.
- **Removals:** Environmental clean-up of found contamination will take place. Acquired properties and structures located within impact lines will be removed or relocated. Construction signage will be removed from the waterway. Fences on acquired properties will be removed.
- **Surveys and site investigations:** Will take place within the footprint of the reservoir area.

#### Quarries

- **West Pine Quarry:** Production of riprap at West Pine Quarry for the Site C project has been completed.
- **Portage Mountain Quarry:** Reclamation work will continue.

## Environmental Assessment Certificate

Environmental Assessment Certificate #E14-02 for the project consists of Schedule A, the project description, and Schedule B, the conditions under which the project must be built and operated. If we wish to make a change to either Schedule A or Schedule B of the Environmental Assessment Certificate, we are required to submit a written request to the Environmental Assessment Office (EAO). The EAO consults with regulatory agencies, Indigenous Nations and/or the public on the request and issues a written decision on the request.

To date, we have requested and been granted 11 amendments to the Environmental Assessment Certificate. The most recent Amendment allows BC Hydro to retain temporary structures permanently in the reservoir and become submerged if retaining the structures will not have an adverse effect on fish or fish habitat.

BC Hydro is complying with all conditions of the Environmental Assessment Certificate and its amendments.

## Water Licences and Leaves to Commence Construction/Diversion

We hold Water Licences for the diversion and use of water, the storage of water, and for the temporary and permanent fish passage facilities. During construction, we have applied for and received a series of Leaves to Commence Construction under the Water Licences to construct project works or components of project works.

These Leaves have authorized construction works, including but not limited to excavations and construction of cofferdams; generating station civil works and spillway civil works; construction of the temporary and permanent fish passage facilities, reservoir clearing and boat launch construction, Hudson's Hope berm construction, turbines and generators installation, balance of plant works, and right bank foundation enhancements.

In May 2023, the Water Sustainability Act Engineer issued a Leave to Commence Diversion under the Water Licences. This Leave authorizes tunnel conversion, reservoir filling, wet testing, and commissioning of the generating units and hydromechanical gates and decommissioning of the diversion tunnels. We are on track for receiving our Leave to Commence Operations for generating units in the fall of 2024.

## Notice of completed activities

View all previously completed work in our [construction bulletins and notification letters](#).

## What to expect during construction

During this period, the following can be expected:

- **Hazards on the water and public access:** During reservoir filling and for at least one year afterward, there will be new hazards on the water and along the shoreline. For public safety, access to the reservoir is strongly discouraged.
- **Boat launches:** All existing boat launches along the reservoir are permanently closed. New boat launches are being built. They will remain closed until at least spring 2026.
- **River closure:** A short section of the Peace River upstream of the Peace River Construction Bridge is permanently closed at the dam site.
- **In-river debris management systems:** A permanent public safety debris boom is located at the approach channel for regular dam operations. A shear boom is in place in the forebay during reservoir filling.
- **Safety signage:** Reservoir area safety signs have been placed around the reservoir area to warn the public of hazards related to reservoir filling.

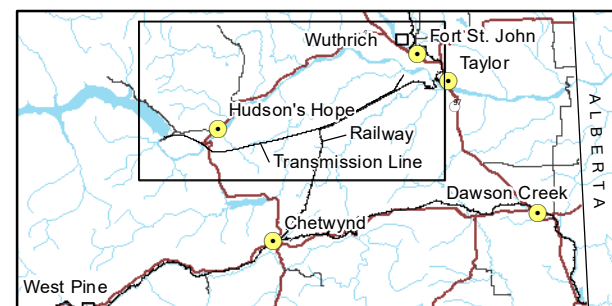
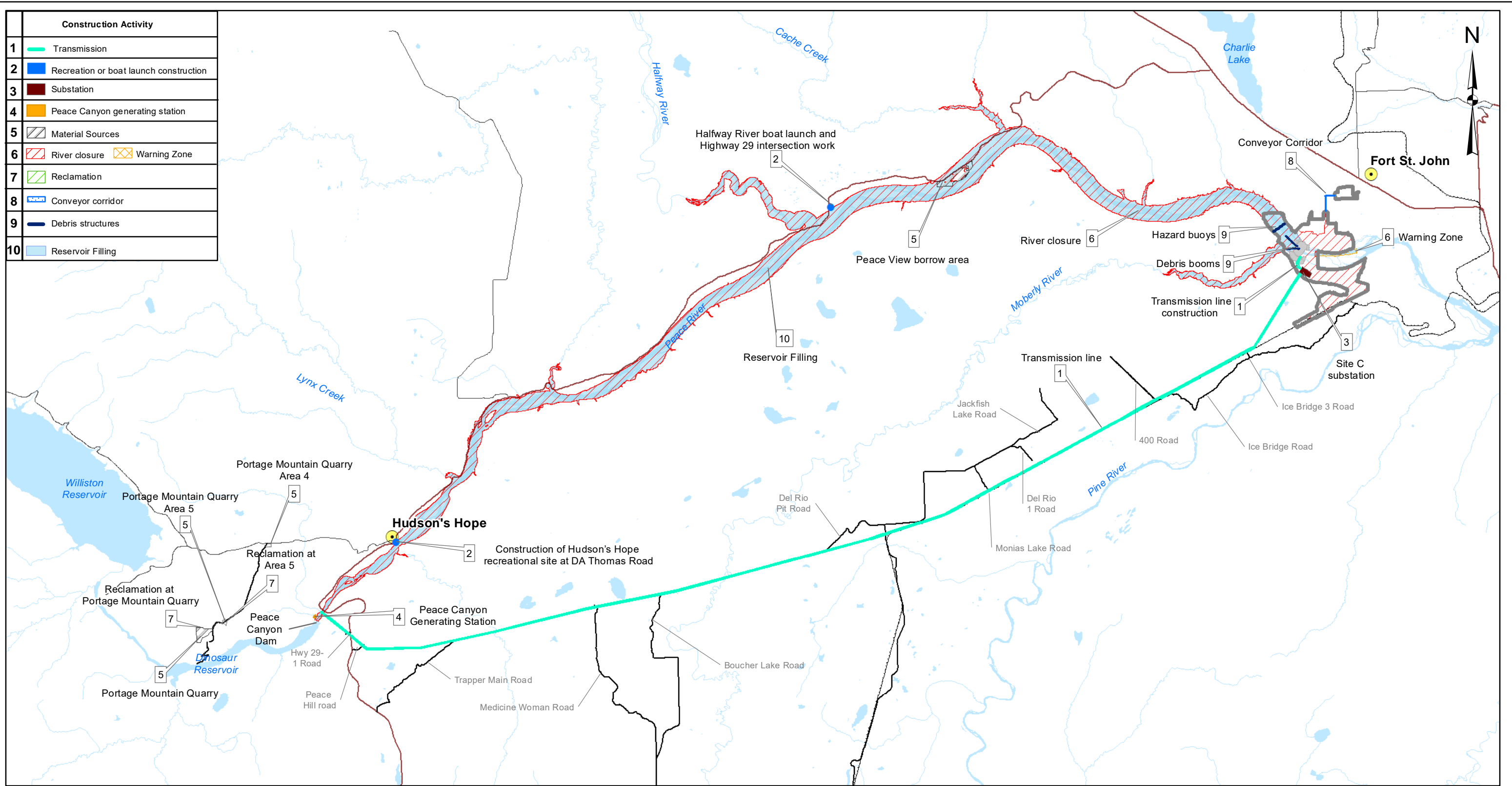
- **There will be project-related traffic** on public roads leading to the dam site, transmission line corridor, reservoir, and Highway 29.
- **We're monitoring air quality in the Site C project area.** This data is being added to the Ministry of Environment's [B.C. Air Quality Monitoring Data](#). The Ministry uses this data to report on air quality trends. In the event of poor air quality, the Ministry will release air quality advisories through a notification list. If you're interested in being part of this notification list, please email [sitec@bchydro.com](mailto:sitec@bchydro.com).

Kindest regards,




Darren Kahl  
Executive Vice President, Site C | Clean Energy Project

Construction Activity		
1	Transmission	
2	Recreation or boat launch construction	
3	Substation	
4	Peace Canyon generating station	
5	Material Sources	
6	River closure	Warning Zone
7	Reclamation	
8	Conveyor corridor	
9	Debris structures	
10	Reservoir Filling	



Map Notes:  
 1. Datum: NAD83  
 2. Projection: UTM Zone 10N  
 3. Base Data: Province of B.C.

### Legend

-  Dam Site Area
-  Road
-  Highway

The construction activities presented in this map are indicative only and may change as a result of procurement and project planning advancements.

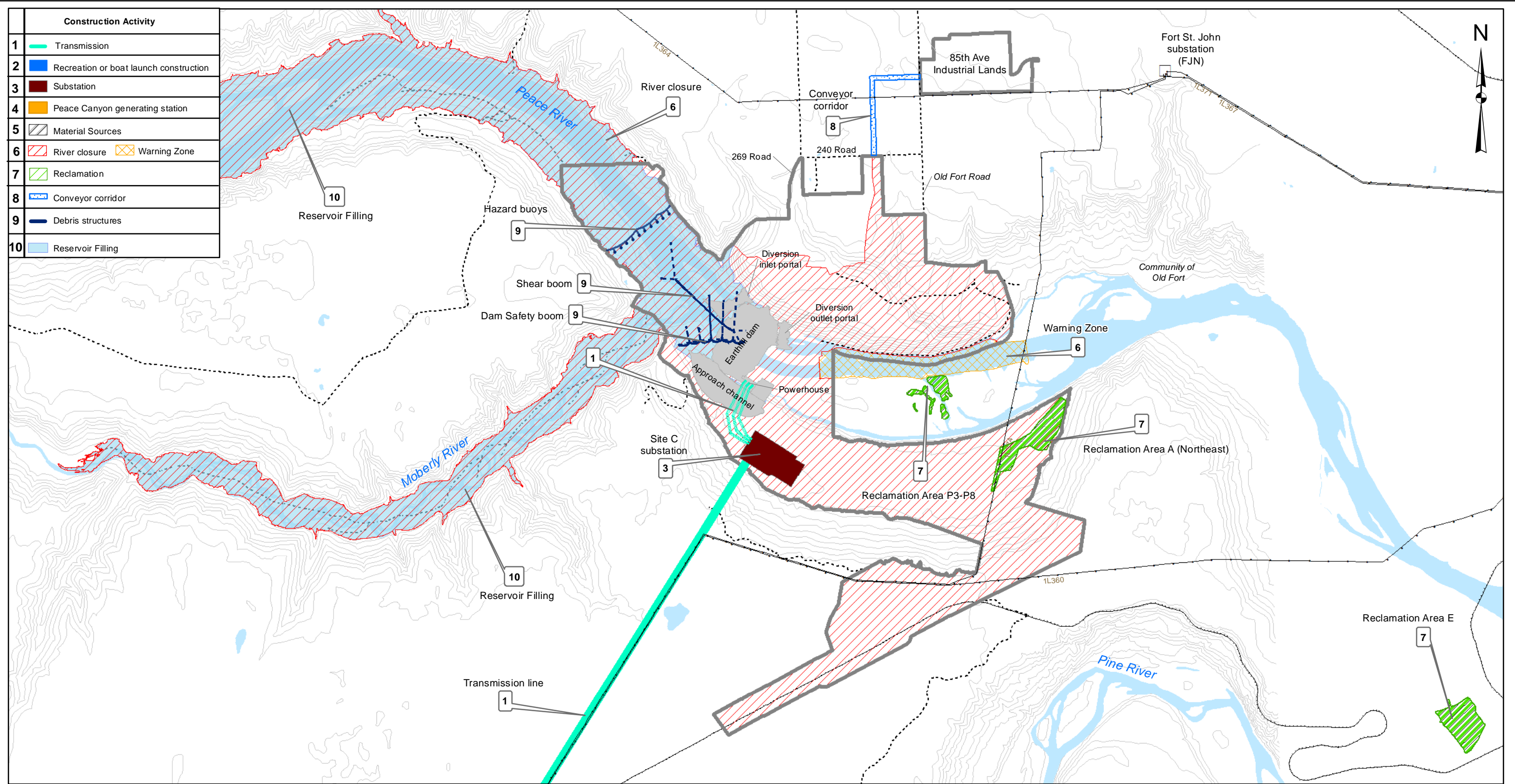
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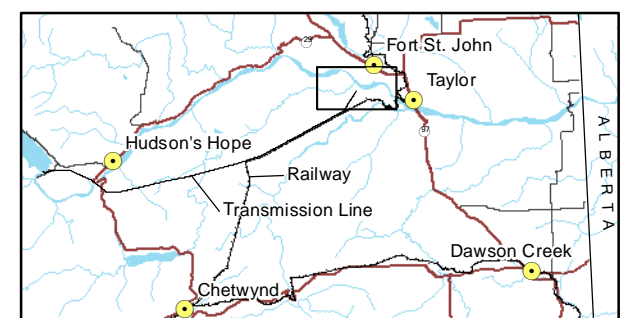
**Construction Activities**  
 October 1<sup>st</sup> to December 31<sup>st</sup>, 2024

Date	August 29, 2024	DWG NO	1016-N11-02061-1	R 0
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Construction of the Site C Clean Energy Project is subject to required regulatory and permitting approvals.



Construction Activity	
1	Transmission
2	Recreation or boat launch construction
3	Substation
4	Peace Canyon generating station
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Map Notes:  
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Legend	
	Existing Transmission Lines
	Dam Site Area
	Railway
	Existing Road

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**BC Hydro**

**Construction Activities**  
 October 1<sup>st</sup> to December 31<sup>st</sup>, 2024  
 (Dam Site Area)

Date	August 29, 2024	DWG NO	1016-N11-02061-2	R 0
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