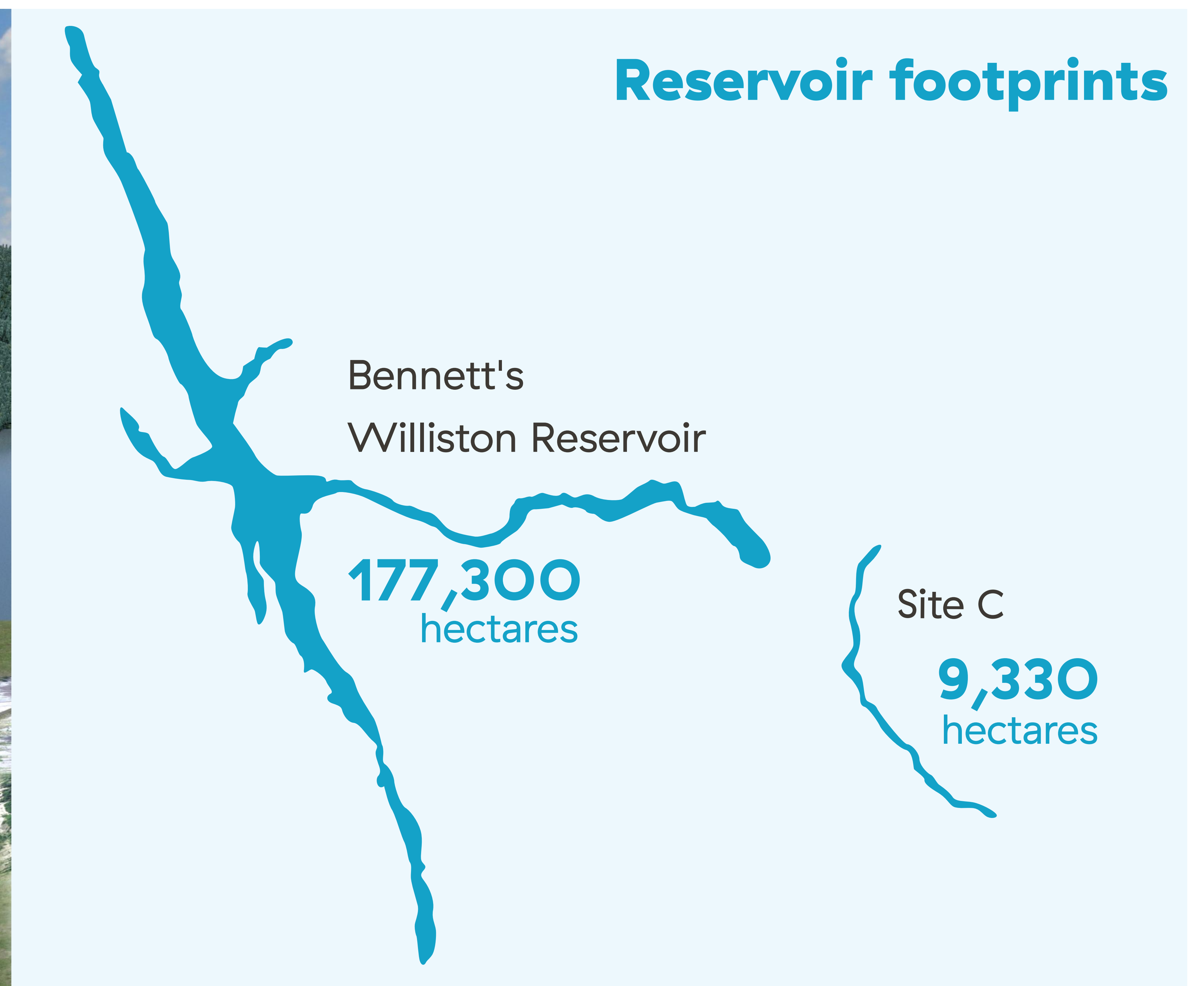
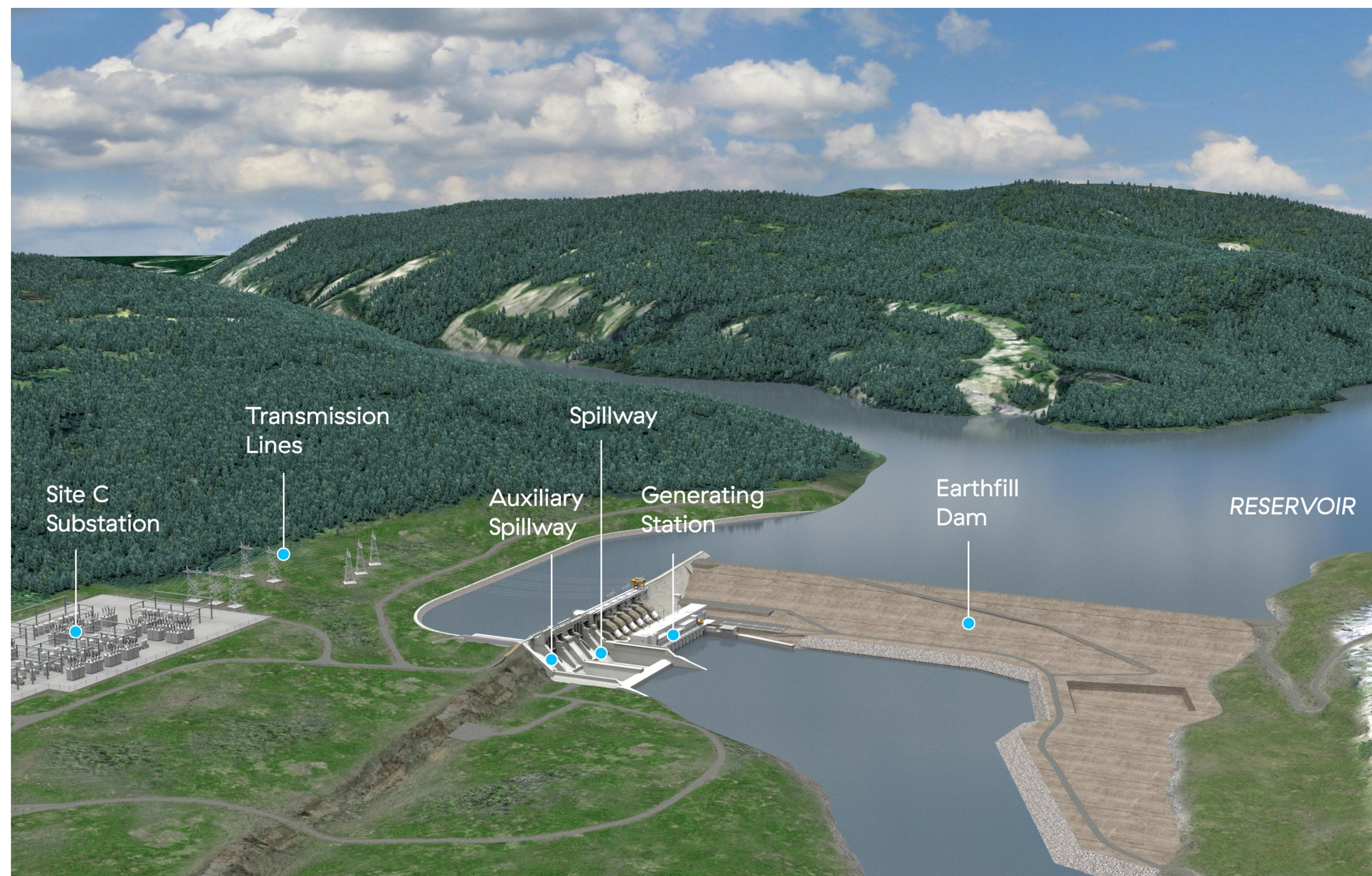


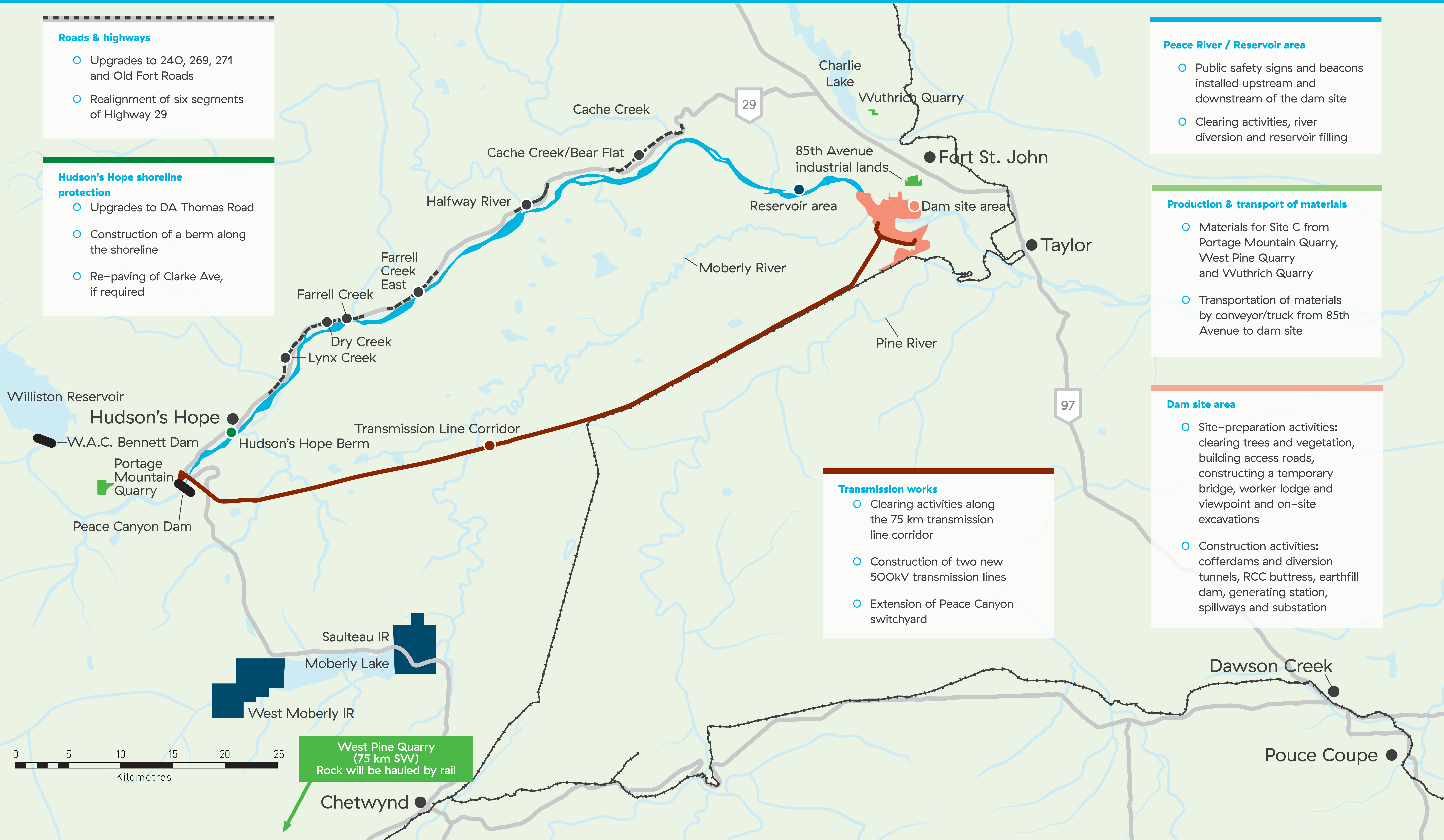
# Overview of the Site C Project

Site C is the third dam on the Peace River and one of the many hydroelectric dams that BC Hydro owns and operates throughout the province. The project received approval after a rigorous three-year environmental assessment by the provincial and federal government, with an independent joint review panel. Construction started in July 2015 and the first unit will be in service in 2024.

The Site C dam builds on BC Hydro's existing system. Because it uses water already in the Williston Reservoir, the Site C dam will generate 35% of the electricity of the WAC Bennett Dam, using a reservoir only 5% of the size. Once it is built, the new dam will produce 5,100 gigawatt hours of clean electricity every year, enough to power 450,000 homes in B.C.



# Building the Site C Clean Energy Project



- Roads & highways**
- Upgrades to 240, 269, 271 and Old Fort Roads
  - Realignment of six segments of Highway 29

- Hudson's Hope shoreline protection**
- Upgrades to DA Thomas Road
  - Construction of a berm along the shoreline
  - Re-paving of Clarke Ave, if required

- Peace River / Reservoir area**
- Public safety signs and beacons installed upstream and downstream of the dam site
  - Clearing activities, river diversion and reservoir filling

- Production & transport of materials**
- Materials for Site C from Portage Mountain Quarry, West Pine Quarry and Wuthrich Quarry
  - Transportation of materials by conveyor/truck from 85th Avenue to dam site

- Dam site area**
- Site-preparation activities: clearing trees and vegetation, building access roads, constructing a temporary bridge, worker lodge and viewpoint and on-site excavations
  - Construction activities: cofferdams and diversion tunnels, RCC buttress, earthfill dam, generating station, spillways and substation

- Transmission works**
- Clearing activities along the 75 km transmission line corridor
  - Construction of two new 500kV transmission lines
  - Extension of Peace Canyon switchyard

West Pine Quarry (75 km SW)  
Rock will be hauled by rail

# Site C work in your area: transmission line activities

BC Hydro is building two new 500 kV transmission lines along an existing corridor between the Site C dam and the Peace Canyon Generating Station. A new substation will be built on the south side of the Peace River, connecting the generating station to the new transmission lines.

## Work near Jackfish Lake Road will include:

- Hauling and transporting crews, equipment, and material from the transmission line contractor's marshalling yard near Moberly Lake to the transmission line corridor, using Jackfish Lake Road
- Constructing or upgrading access roads
- Transmission line right-of-way preparation and clearing
- Debris management and removal, using Jackfish Lake Road
- Building the transmission lines, including foundation installation, tower assembly, and conductor stringing
- Restoring the right-of-way

Timing*	2018	2019	2020	2021	2022	2023
Building access roads	summer 2018 to fall 2019					
Clearing	early 2018 to spring 2019					
Construction	fall 2018 to 2023					
Expansion of the Peace Canyon switchyard	2018 to summer 2019					
Substation construction	early 2018 to fall 2020					



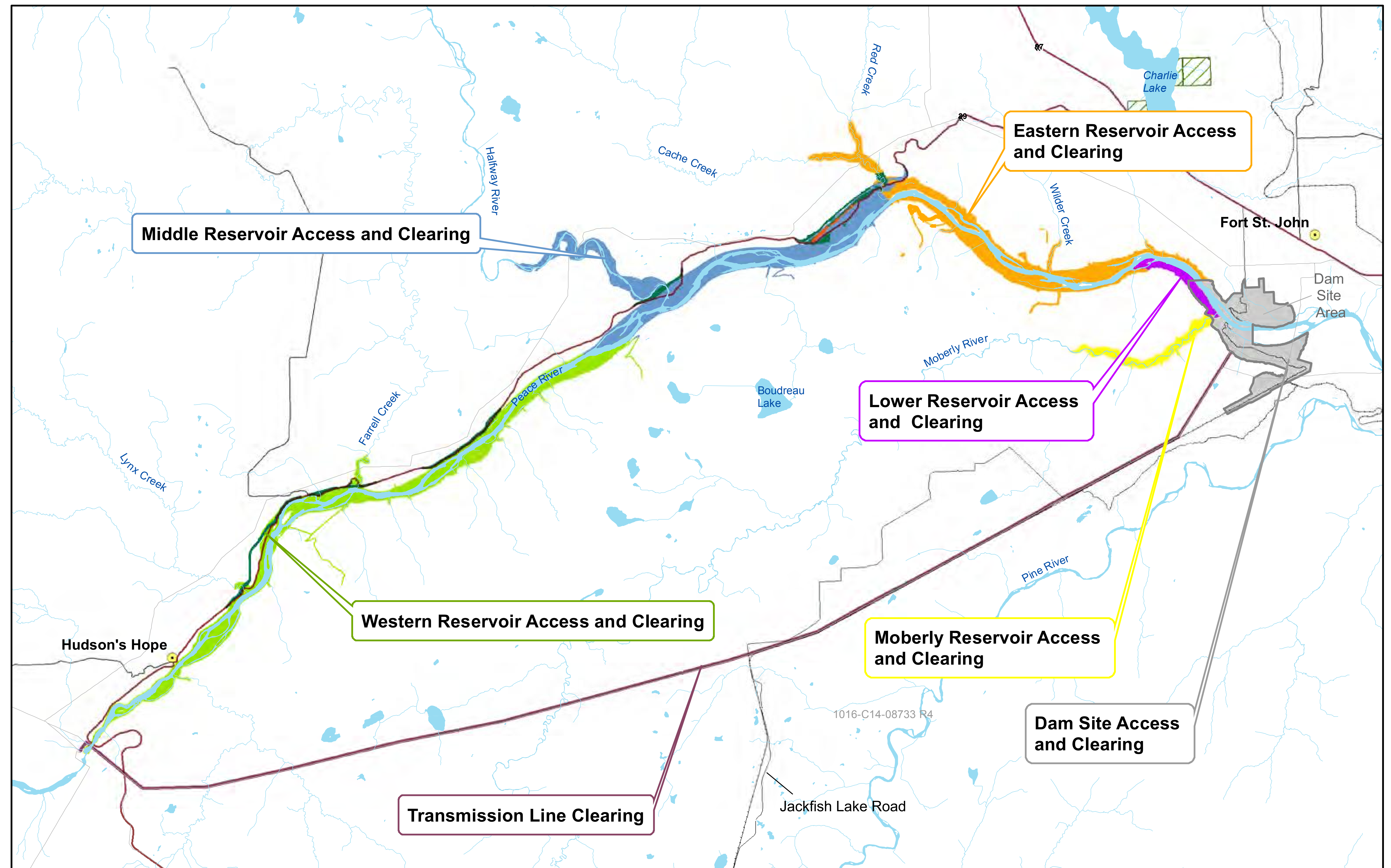
\*All schedules are approximate and subject to change

# Site C work in your area: reservoir area clearing

The Site C project includes an 83-kilometre reservoir from the Site C dam to Hudson's Hope that will be about two-to-three times the width of the current river. While filling the reservoir is one of the last activities to take place, the reservoir area first needs to be cleared of trees and vegetation.

Clearing contractors will use Jackfish Lake Road and other surrounding access and resource roads to access the south bank reservoir area with crews and equipment.

The wood cleared from the reservoir and other areas will need to be removed. Trees that are the right size, quality, and volume to make them suitable for harvest and transport will be hauled to local mills. Timber from the south bank will be hauled to local mills in and around Chetwynd using Jackfish Lake Road. The remaining wood may be chipped, mulched, spread as coarse woody debris, or burned on site.



Moberly reservoir access and clearing
Season 1: winter 2016/2017
Season 2: fall 2018 to spring 2019
Waste wood removal: 2018 to 2019
Eastern reservoir access and clearing
Fall 2018 to spring 2019
Waste wood removal: 2019 to 2020

Transmission line clearing
Season 1: winter 2017 to spring 2018
Season 2: fall 2018 to spring 2019
Waste wood removal: 2018 to 2019
Lower reservoir access and clearing
Phase 1: fall 2015 to spring 2016
Phase 2: winter 2016 to winter 2017
Phase 3: fall/winter 2018/2019
Waste wood removal: 2018 to 2019

Middle reservoir access and clearing
Reservoir areas: fall 2019 to spring 2020
Halfway River drainage: fall 2020 to spring 2021
Waste wood removal: 2020 to 2022

Western reservoir access and clearing
Halfway River to Lynx Creek: summer 2020 to spring 2021
Lynx Creek to Hudson's Hope: summer 2021 to spring 2022
Wood waste removal: 2022 to 2023

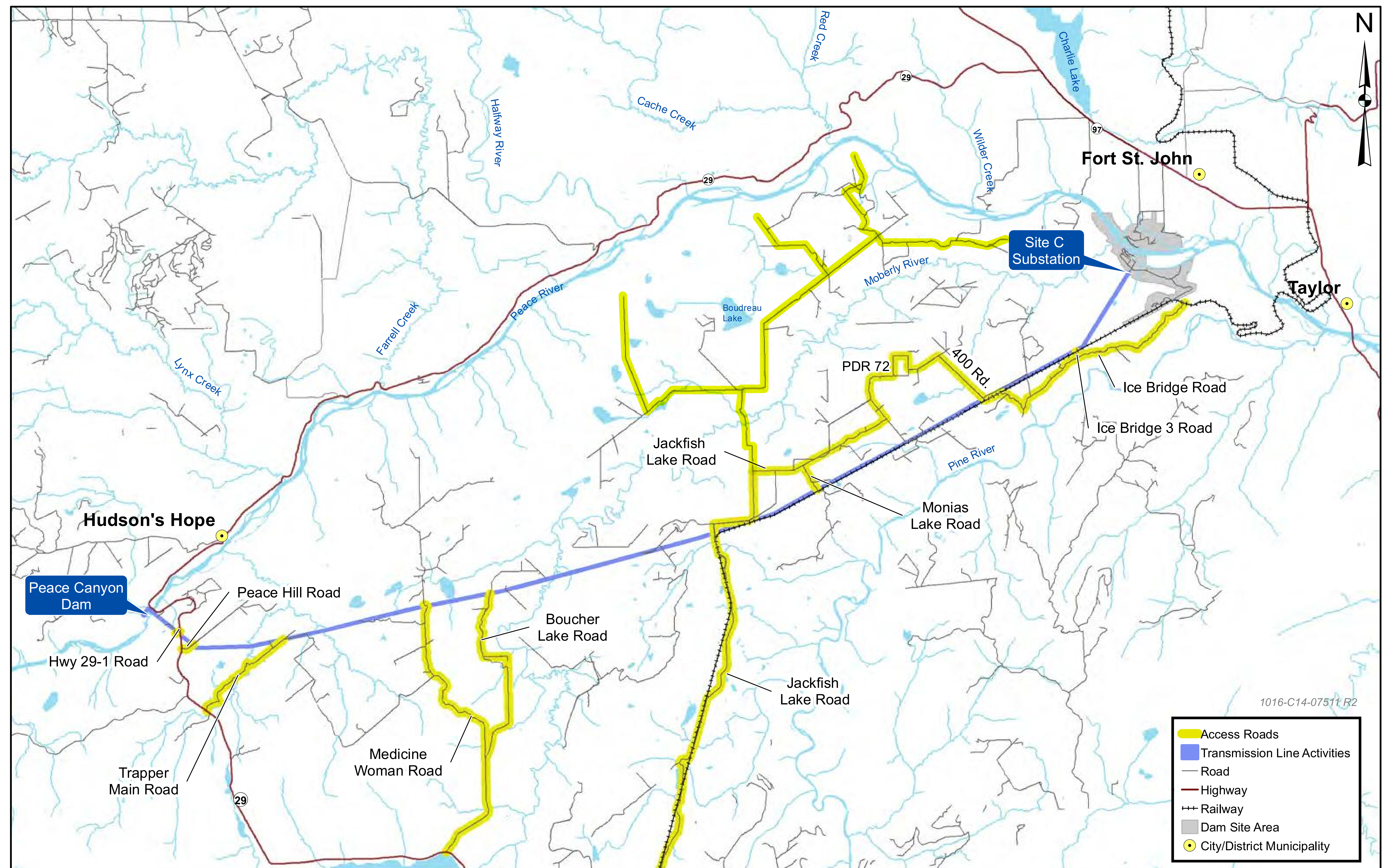
\*All schedules are approximate and subject to change

# Road use

Safety is our top priority. The project-wide Traffic Management Plan applies to all work sites and public roads used for project purposes, and includes measures to reduce disruption and support road safety for the travelling public and Site C workers.

Project-related traffic on Jackfish Lake road will include:

- Clearing contractors transporting merchantable timber from the transmission line corridor and reservoir clearing
- Transmission line-related construction traffic accessing the transmission line corridor
- Contractors and suppliers delivering materials and equipment to the south bank of the dam site
- Commuter traffic to and from the dam site (the south bank is one of three site access points)



The estimated transmission-related and commuter traffic on Jackfish Lake Road will be 10 to 20 vehicles per hour (one way trips), during times of active contractor use. During periods when clearing is occurring, there may be five to 10 additional trips per hour. The majority of this traffic will be light vehicles, such as pick-up trucks. Please see the project schedule for more information on timing.

# What to expect

- There may be temporary delays while roads accessing the transmission corridor are upgraded. This will not impact Jackfish Lake Road. Please watch for signs and follow the directions of traffic control personnel in active work areas
- Types of vehicles using the local roads will include pickup trucks and cars, low-bed trucks, buses, flat-bed trucks, crane trucks, and over-sized vehicles carrying large parts and machinery
- Materials and equipment will be transported between 7 a.m. and 7 p.m. There will be small increases in traffic at 6 a.m. and 5 p.m. when crews are commuting to and from site
- There will be helicopters used in the area to assist with stringing of the electrical conductors and clearing



# Reducing impacts on the community

## BC Hydro's top priority is the safety of workers and the public.

The project will work with the Ministry of Transportation and Infrastructure to monitor the condition of Jackfish Lake Road. Should any extra maintenance be required as a specific result of Site C, BC Hydro will work with the ministry and the maintenance contractor to implement additional measures.

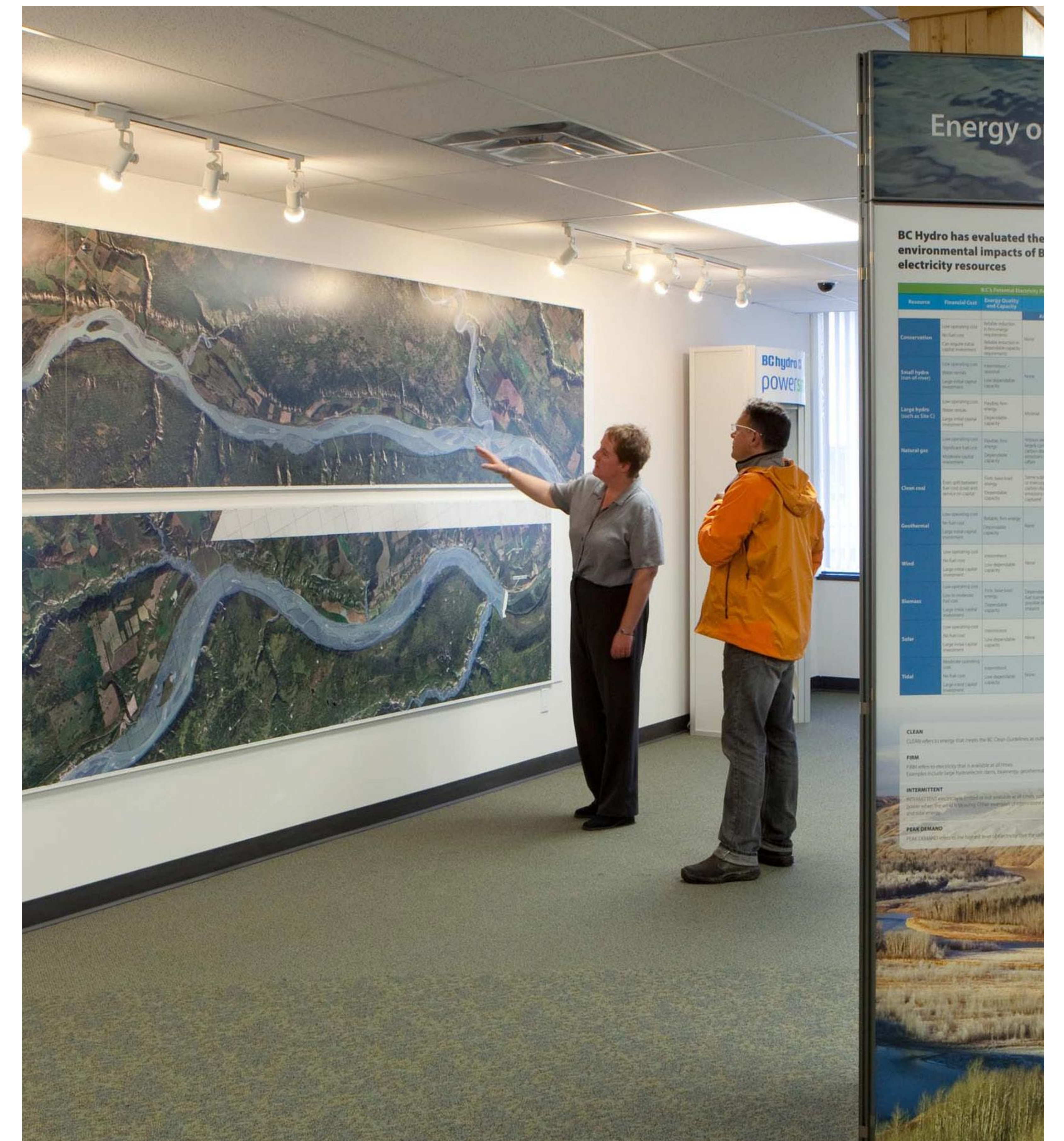
All contractors working on the Site C project are required to follow BC Hydro's Construction Environmental Management Plan, which includes the requirement for environmental protection plans, and the Construction Safety Management Plan.

### The project will address traffic impacts by:

- Requiring all contractors to have a traffic management plan to ensure safety
- Having regular meetings with the contractors to ensure they are briefed on all safety requirements
- Communicating any traffic delays to the public using signs and the construction bulletin and using traffic control personnel to direct traffic, as needed
- Restricting the use of engine brakes overnight
- Working with the contractors to reduce traffic levels where possible

### The project will address air quality in project work areas by:

- Requiring the contractor to spray road surfaces and work areas in the transmission corridor with water to suppress dust, as needed
- Burning debris only when there are appropriate conditions and venting windows, in accordance with provincial regulations



To ensure the safety of the public and workers, please watch for signs that indicate active work areas and do not hunt or shoot near areas where construction crews could be working.

# Staying informed

## Business and job opportunities

The majority of hiring and procurement for the project will be done by the companies awarded contracts to build Site C. Please visit [sitecproject.com](https://sitecproject.com) for contractor names and contact information. You can also sign up to the Site C Business Directory so that your information is shared with the contractors.

For business and job opportunities with the transmission line contractor, please email [careers@allteck.ca](mailto:careers@allteck.ca) or visit [allteck.ca/careers](https://allteck.ca/careers).

## Construction information

The Site C project issues biweekly construction bulletins and other project information by email. To sign up, please visit [sitecproject.com](https://sitecproject.com).

## Site C Business Directory

The Site C Business Directory helps inform interested businesses about project opportunities. Registered companies receive email updates on potential business opportunities as they arise.

The business directory will also be shared with contractors involved in project-related activities. In addition, future networking sessions will provide an important venue for contractors to meet potential suppliers/sub-contractors.

Visit [sitecproject.com](https://sitecproject.com) to register.

## Contact us

If you have questions or concerns:

Phone: 1 877 217 0777

Email: [sitec@BCHydro.com](mailto:sitec@BCHydro.com)

This phone line and email is monitored in person during regular business hours. We commit to responding to your enquiry within two business days.





# Project Schedule

Construction Activity	2015				2016				2017				2018				2019				2020				2021				2022				2023				2024				2025											
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4								
<b>Dam Site Area</b>																																																				
Clearing: dam site	█																																																			
Access roads at the dam site	█				█																																															
Worker accommodation	█																																																			
Peace River construction bridge	█																																																			
Excavation and material relocation	█																																																			
Cofferdams and diversion tunnels									█																█																											
Earthfill dam																	█																																			
Roller-compacted-concrete buttress																	█																																			
Generating station and spillways																	█																																			
Turbines and generators																	█																																			
Substation																	█																																			
Powerhouse transmission lines																	█																																			
Viewpoint construction/landscaping					█				█																																											
Demobilization and site reclamation																	█																																			
<b>Roads and Highways*</b>																																																				
Public road improvements																																																				
240 Road	█																																																			
269 Road	█		█																																																	
271 Road					█																																															
Old Fort Road	█		█																																																	
Highway 29 realignment																																																				
Cache Creek West																	█																																			
Cache Creek/Bear Flat																	█																																			
Halfway River																	█																																			
Dry Creek																	█																																			
Farrell Creek																	█																																			
Farrell Creek East																	█																																			
Lynx Creek																	█																																			

Construction Activity	2015				2016				2017				2018				2019				2020				2021				2022				2023				2024				2025															
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4												
<b>Peace River / Reservoir Area*</b>																																																								
Clearing: Lower reservoir and Moberly Drainage	█				█				█				█																																											
Clearing: Eastern reservoir																	█																█																							
Clearing: Middle reservoir																	█																█																							
Clearing: Western reservoir																	█																█																							
River diversion																	█																																							
Reservoir filling and operations																	█																																							
<b>Transmission Works*</b>																																																								
Transmission line clearing																	█																																							
Transmission line construction																	█																																							
Extension of Peace Canyon switchyard																	█																																							
<b>Hudson's Hope Shoreline Protection</b>																																																								
Hudson's Hope Berm/ DA Thomas Road upgrades																	█																█																							
<b>Production &amp; Transport of Materials</b>																																																								
85th Avenue Industrial Lands																	█																																							
Portage Mountain Quarry																	█																																							
West Pine Quarry																	█																																							
Wuthrich Quarry																	█																																							

The construction schedule is indicative only and subject to change. The purpose of the schedule is to illustrate the general sequence of construction activities, but the dates and schedule may change.

\* Timelines do not include site preparation or wood disposal.