

## SITE C PROJECT CONSTRUCTION

# 85<sup>TH</sup> AVENUE INDUSTRIAL LANDS

The 85<sup>th</sup> Avenue Industrial Lands is a 96-hectare (237 acre) area of light industrial-zoned land located in the Peace River Regional District, next to the City of Fort St. John. These industrial lands are owned by BC Hydro and will be a multi-use site used for the construction of the Site C project.

This area will be used as a source of impervious material for construction of the dam due to the quality and suitability of the material, as well as the site's proximity to the dam site area. The industrial lands will also be used as a storage area for equipment and materials and a location for potential site offices.

### Anticipated timeline

Summer 2016 to 2022

### Site and conveyor corridor

BC Hydro's main civil works contractor will use an electrically-powered conveyor belt system to move impervious materials from the 85<sup>th</sup> Avenue Industrial Lands to the dam site area. The conveyor system was selected over truck transport because it will reduce traffic on local roads, create fewer greenhouse gas emissions, and result in less noise and dust compared to truck transport.

To reduce noise and dust along the conveyor route, the conveyor will be covered in residential areas.



The conveyor belt system will cross Old Fort and 240 roads and security fencing will be installed along the route.

◀ *The 85<sup>th</sup> Avenue Industrial Lands and corridor for the conveyor belt system. Lands outlined in purple are owned by BC Hydro.*

### Development plan

The development plan for the site includes offices and a laydown area on the west side of the property. The majority of material excavation is planned to take place on the east side of the property and additional excavation areas are also identified, should they be required. A stockpile and conveyor area, as well as a siltation pond, are planned for the south end of the property.



▲ The development plan may change as a result of project planning and contractor requirements.

### Site reclamation and post construction use

Based on the current construction schedule, the conveyor belt will be removed after 2023 and the 85<sup>th</sup> Avenue Industrial Lands will be reclaimed, in consultation with the Peace River Regional District and the City of Fort St. John. This includes the removal of all berms from the site, fencing along the conveyor belt and its right-of-way, and all structures and equipment. BC Hydro will also ensure that pre-existing public roads in the industrial lands are restored in collaboration with the Ministry of Transportation and Infrastructure, and that all remaining fencing and landscaping are left in good condition.

### What to expect

- To mitigate potential increased levels of noise, dust and light, a three-metre-high soil berm will be constructed around active extraction, stockpiling and loading areas.
- For safety purposes, security fencing will be installed along the conveyor belt route.
- To reduce noise and dust along the conveyor route, the conveyor will be covered in residential areas.
- The conveyor will cross Old Fort Road and 240 Road.