

FIELD STUDIES INFORMATION SHEET

Investigations for Construction Access Roads: August - November 2011

The Site C Clean Energy Project (Site C) is now in Stage 3, the environmental and regulatory review phase, which will include an independent environmental assessment. Stage 3 work includes conducting environmental and engineering field studies on and around the Peace River between the Williston Reservoir and the Alberta border. BC Hydro formally entered the environmental assessment process in May 2011 with the submission of a Project Description Report to the provincial and federal environmental assessment agencies.

BC Hydro is conducting engineering investigations as part of the design of access roads required for construction. Investigations will begin in August and run through November. The investigations are to identify improvements to existing roads and/or construction of new access and clearing roads in the area of the proposed Site C dam site. The investigations will be happening on the south bank in the Jackfish Lake Road area, between Chetwynd and the proposed dam site, as well as along the existing transmission corridor between the Pine River and Peace Canyon Dam.

The engineering investigations will assess the condition of existing public, forest service roads and petroleum development roads that will or may be used for construction access roads. They will also assess the topography and drainage conditions for potential improvements and/or extensions to those existing roads or alternative new alignments. The work will include establishing markers to ensure all work is referenced to a common coordinate system, confirming the accuracy of laser radar (LiDAR) data and completing a topographic survey of the potential access routes.

The next phase of the work will be to conduct subsurface investigations. This work involves geotechnical drilling, and in some cases, installation and monitoring of instrumentation.

When the use of helicopter access is determined to be the best method for assessing the proposed route, property owners will be notified in advance.

BC Hydro will obtain permissions prior to conducting work on private properties.

Field study updates are available at www.bchydro.com/sitec and in the Community Consultation offices in Fort St. John and Hudson's Hope.

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INVESTIGATIONS FOR CONSTRUCTION ACCESS ROADS August – November 2011

- BC Hydro is conducting investigations on the south bank as part of the design of access roads required for construction.
- This program includes surface inspections, walking or driving potential access routes, confirming accuracy of laser radar data, completing topographical surveys and subsurface investigations.
- BC Hydro will obtain permissions before land is accessed
- Urban Systems Ltd. is leading the work