

FIELD STUDIES INFORMATION SHEET

April – November 2012 – Geomorphology and Sediment Transport Studies

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. Site C is in the early stages of a cooperative environmental assessment process by federal and provincial regulatory agencies, which includes a joint review panel.

BC Hydro is continuing Geomorphology and Sediment Transport Studies started in 2010, and continued in 2011. The study will characterize baseline river geomorphology, or shape of the river channels, and sediment transport rates at sites along the Peace River and its tributaries. These studies will be used to assess the potential effects of the Site C project on river geomorphology, and specifically, potential changes in water turbidity, fish habitat and areas of erosion or deposition.

This spring, BC Hydro will install suspended sediment gauging stations at six sites – one on the Peace River, and one on the Kiskatinaw River, Pine River, Halfway River, Moberly River and Farrell Creek. The equipment includes a turbidity sensor anchored to the river bed with a cable running up the river bank to a data logger housed in a metal case.

Installation of equipment is planned for April 2012. Once installed, there are regular site visits between April and October 2012 to collect data, check equipment and perform maintenance. Field crew access will be by boat and foot. BC Hydro has obtained the necessary permissions for entry onto private land.

BC Hydro will provide notification to BC Hydro leaseholders before entry onto leased lands.

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

For further information, please contact:
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GEOMORPHOLOGY AND SEDIMENT TRANSPORT STUDIES April – November 2012

- BC Hydro is continuing the Geomorphology and Sediment Transport Studies
- Monitoring equipment will be installed at six sites along the Peace River and tributaries
- BC Hydro will obtain the necessary permissions before land is accessed
- Knight Piesold Ltd., Consulting Engineers and Environmental Scientists is leading the work