

## FIELD STUDIES INFORMATION SHEET

### Notice of Geotechnical Drilling: 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.

To gather more information about shoreline conditions, BC Hydro initiated geotechnical investigations along the proposed reservoir slopes beginning in April 2011. More information on the Geotechnical Investigations is available at [www.bchydro.com/sitec](http://www.bchydro.com/sitec) and in the Community Consultation Offices in Fort St. John and Hudson's Hope.

Starting the week of May 24, and running through October, drilling will be part of the ongoing geotechnical investigations. Approximately 40 drill hole locations have been selected throughout the study area. This notice is to inform members of the surrounding communities that drilling will typically occur 10 to 12 hours a day, 6 days a week; drilling 24 hours a day and 7 days a week will be completed for heli-portable drilling and at select locations along Highway 29 to minimize the duration of traffic disruptions.

Drilling will be conducted up to 24 hours a day to complete the work as quickly and efficiently as possible and to minimize the number of helicopter flights used to support the work. At this rate, each drill site on the north bank is anticipated to take up to one week, and south bank locations will take between one and two weeks at each site.

BC Hydro has worked to minimize disturbance during the evening drilling in selecting appropriate locations, and additional measures to minimize noise and light will be taken as required. Along Highway 29, vehicle traffic can expect partial lane closures and single lane alternating conditions when drilling equipment is occupying the shoulder. Lane closures will be advertised on [DriveBC](http://DriveBC).

During drilling, the diesel engine on the drilling rig is as loud as a tractor at moderate to high revs. While not drilling, a water pump may be heard at a substantially lower volume.

For further information, please contact:  
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#### NOTICE OF GEOTECHNICAL DRILLING August - November 2011

- BC Hydro is investigating geotechnical conditions along the proposed reservoir slopes and proposed Highway 29 realignment segments.
- BC Hydro will obtain the necessary permissions before land is accessed and work is performed.
- During the investigations, drilling will typically occur 10 to 12 hours a day, 6 days a week on the north bank.
- On the south bank and some locations along Highway 29, drilling will occur up to 24 hours a day and 7 days a week.
- Along Highway 29, vehicle traffic can expect partial lane closures and single lane alternating conditions when drilling equipment is occupying the shoulder. Lane closures will be advertised on [DriveBC](http://DriveBC).