

# Field Studies Information Sheet

## PEACE RIVER SITE C HYDRO PROJECT

### January 2010 Field Study Overview

BC Hydro is conducting environmental and engineering field studies on and around the Peace River, between the Williston Reservoir and the B.C.-Alberta border, as part of the evaluation of the potential Site C project. An overview of studies that will be taking place in January 2010 is below. Additional study activities may occur; notice of these studies will be posted at [www.bchydro.com/sitec](http://www.bchydro.com/sitec).

<b>Field Study (additional details are attached)</b>
Wildlife Studies in the Peace Region – Mule Deer, Moose and Elk Study
Wind Monitoring in the Peace River Region

Because much of the information currently known about the potential Site C project is almost 25 years old, information from new field studies is required to update engineering, environmental studies, and other technical work.

No decision has been made to build Site C. BC Hydro is taking a stage-by-stage approach to the evaluation of the potential project.

Some field studies may require access to public and private land. BC Hydro will obtain permission before accessing private property.

Field study updates are available at [www.bchydro.com/sitec](http://www.bchydro.com/sitec) and in the Community Consultation Office in Fort St. John.

#### SITE C FIELD STUDIES

- Ongoing, regular BC Hydro operations work may also be taking place on the Peace River and tributaries. This work is in addition to the Site C field study activities outlined here and is a component of BC Hydro's Peace River water license requirements program. For more information about this work, please visit [www.bchydro.com/planning\\_regulatory/water\\_use\\_planning/northern\\_interior.html](http://www.bchydro.com/planning_regulatory/water_use_planning/northern_interior.html).
- Golder Associates Ltd. has been employed by BC Hydro to provide environmental and archaeological monitoring during geotechnical investigations. BC Hydro has also invited representatives of First Nations to monitor geotechnical work.

For further information, please contact:

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Study Name	Description	Timing
<b>Wildlife Studies in the Peace Region – Mule Deer, Moose and Elk Study</b>	<p>BC Hydro is conducting a mule deer, moose and elk study in the Peace River area from Hudson's Hope to the B.C. – Alberta border.</p> <p>The purpose of the study is to further the understanding of mule deer, moose and elk habitat use and movement patterns in the Peace River region. The Ministry of Environment will lead the collaring of up to 70 animals with GPS collars. Monitoring and analysis, will commence as animals are collared.</p> <p>Animals will be captured using either aerial net gunning, ground based drop net, or clover leaf capture.</p> <p>Access to public and private land may be required in order to complete this study work. BC Hydro will obtain permission from land owners and provide notification to BC Hydro leaseholders before entry onto private or leased lands.</p>	Phase I, capture and collaring, will occur between January 2010 and March 2010.
<b>Wind Monitoring in the Peace River Region</b>	<p>BC Hydro has initiated the collection of wind data to assist in engineering evaluations for the potential Site C project.</p> <p>Five temporary wind monitoring stations have been placed on private and BC Hydro owned land between Hudson's Hope and the potential Site C dam location.</p> <p>Stations will be visited regularly to retrieve data. Access to the monitoring stations will be by vehicle.</p>	<p>January 2010</p> <p><i>Ongoing monitoring from February 2009</i></p>

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