

FIELD STUDIES INFORMATION SHEET

Dam Site Investigations: April - October 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 anticipates formally entering the environmental assessment process in spring 2011 with the submission of a Project Description Report to the provincial and federal environmental assessment agencies.

Engineering investigations at the proposed Site C dam site will be conducted on Crown or BC Hydro-owned land and will determine engineering site conditions as required to support the environmental assessment process. Investigations will take place on the north and south banks of the Peace River and the central river island. Field investigations started in April and will continue until October 2011.

The work will include establishing access to the proposed dam site investigation areas, including tree clearing if required.

Investigations will include performing geotechnical drilling, sampling and testing. Geotechnical instruments (piezometers and/or inclinometers) constructed of PVC pipe will be installed at each of the geotechnical drill holes to facilitate monitoring of groundwater levels or slope movement.

Engineering field crews will excavate test pits for collection of bulk soil samples and testing to determine engineering properties.

The condition of existing adits (exploratory tunnels) will be assessed and rehabilitated to visually inspect the foundation at the proposed dam site and collect samples for laboratory testing.

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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DAM SITE INVESTIGATIONS April - October 2011

- BC Hydro engineering investigations at the proposed Site C dam site will include:
 - Geotechnical investigations, including drilling, installation and monitoring of instrumentation
 - Excavation of test pits
 - Assessment and rehabilitation of existing adits
 - Tree clearing if required
- BC Hydro has obtained the necessary permissions and permits to access the land and perform the work