

FIELD STUDIES INFORMATION SHEET

February 2011 – Air Quality Monitoring

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 early 2011 with the submission of a Project Description Report to the provincial and federal environmental assessment agencies.

BC Hydro is initiating Air Quality Monitoring in February 2011. The study will provide baseline measurements of air quality, which are representative of air quality in the area near the proposed Site C Dam and will be used to assess the potential effects of the Site C project on the air quality in the area.

BC Hydro is installing two air quality monitors at Old Fort, south of Fort St. John. This location was chosen based on suitability to collect representative particulate matter measurements. The monitors will be placed on the ground side-by-side and will collect particulate matter, or PM measurements, on a continuous basis. Particulate matter is the general term used for a mixture of solid particles and liquid droplets in the air. Particulate matter can be natural or man-made.

Installation and testing of the equipment is planned to take place over a one week period in late February. Once operational, air quality readings from the monitors will be recorded on a data logger that will be located in one of the monitor enclosures. The data from the logger will be downloaded remotely through a cellular modem.

The monitors will be visited regularly to check equipment and performance maintenance. Field crew access will be by vehicle and foot. BC Hydro has obtained the necessary permissions for entry onto private land.

For further information, please contact:
Kate O'Neil, Community Relations
Site C Clean Energy Project
Community Consultation Office – Fort St. John
Office: 250-785-3415 Cell: 250-793-5416

AIR QUALITY MONITORING February 2011

- BC Hydro is initiating an Air Quality Monitoring study and installing two air quality monitors at Old Fort, near Fort St. John
- Study will provide baseline measurements of air quality which are representative of air quality near the proposed Site C Dam
- This information will be used to assess the potential effects of the Site C project air quality in the area
- BC Hydro will obtain the necessary permissions before land is accessed
- RWDI AIR Inc., Consulting Engineers and Scientists is leading the work