

PUBLIC NOTICE

FINAL TERMS OF REFERENCE FOR SHELL CANADA LIMITED'S PROPOSED QUEST CARBON CAPTURE AND STORAGE PROJECT ENVIRONMENTAL IMPACT ASSESSMENT

ALBERTA ENVIRONMENT

On November 2, 2010, Alberta Environment issued final Terms of Reference for the Environmental Impact Assessment report for Shell Canada Limited (Shell)'s proposed Quest Carbon Capture and Storage (CCS) Project (the Project). Shell proposes to construct and operate the Project in the Alberta Industrial Heartland region of the province, northeast of the City of Edmonton. The Project will include the following components: capture, transport (pipeline) and storage infrastructure. Provincial EIA is only required for the storage component of this proposed project.

The Project capture site will be located at the Scotford Upgrader located at Townships 55 & 56, Range 21, W4M, in the County of Strathcona. Up to 1.2 million tonnes of carbon dioxide (CO₂) per year would be captured from the existing Scotford Upgrader. The CO₂ would then be transported by pipeline to injection wells north of Shell Scotford and stored permanently more than two km below surface under thick layers of impermeable geological formations in the Basal Cambrian Sands. The approximate total length of the pipeline is 90 km following adjacent existing rights-of-way as much as practical. The pipeline routing would proceed east from the Upgrader and then north to cross the North Saskatchewan River and then northwesterly to the end of the pipeline in the County of Thorhild, Township 60, Range 21, W4M. The Project is expected to begin CO₂ capture and storage in 2015.

Copies of the Terms of Reference are available from:

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Terms of Reference are also accessible on the following website:
Alberta Environment: <http://www.environment.alberta.ca/02313.html>

Government of Alberta ■