



## **PUBLIC NOTICE**

**Shell Canada Limited**

### **Quest Carbon Capture and Storage (CCS) Project**

#### **Proposed Terms of Reference for Environmental Assessment Report**

Shell Canada Limited (Shell, the Proponent) intends to construct and operate the Quest Carbon Capture and Storage (CCS) Project (the Project), a fully integrated CCS project located in central Alberta. Shell proposes to construct and operate the Project in the Alberta Industrial Heartland region of the province, northeast of the city of Edmonton. The Shell Quest CCS Project will include the following components: capture, transport (pipeline) and storage infrastructure. The Project capture site will be located at the Scotford Upgrader located at NE and NW Quarters of Sec 31 and the NW Quarter of Sec 32, Twp 55, Rge 21, West of the 4<sup>th</sup> Meridian and the SE Quarter of Section 6, the NW, NE and SW Quarter of Sec 5 and the NW Quarter Sec 4, Twp 56, Rge 21, West of the 4<sup>th</sup> Meridian in the County of Strathcona. Up to 1.2 million tonnes of CO<sub>2</sub> per year would be captured from the existing Scotford Upgrader. The CO<sub>2</sub> would then be transported safely 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, section 29-60-21W4M. The Project is expected to begin CO<sub>2</sub> capture and storage in 2015.

Shell Canada Limited, on behalf of the Athabasca Oil Sands Project, a joint venture among Shell Canada Energy (60 per cent), Chevron Canada Limited (20 per cent) and Marathon OilCanada Corporation (20 per cent), is advancing Quest.

The Director responsible for Environmental Assessment has directed that an Environmental Impact Assessment Report be prepared for the storage component of the proposed Project. Shell has prepared a proposed Terms of Reference for this Environmental Impact Assessment and the federal environmental assessment which will include all three of the Project components. Shell through this public notice invites the public to review this document. Any comments filed concerning the proposed Terms of Reference will be accessible to the public.

A single EA report will be provided, by Shell, and reviewed cooperatively under the *Canada-Alberta Agreement for Environmental Assessment Cooperation*.

**The Proposed Terms of Reference for the environmental assessments and associated project information may be viewed at the following locations:**

**City of Fort Saskatchewan  
City Hall**  
10005 102 Street  
Fort Saskatchewan, AB T8L 2C5  
Tel: 780-992-6200

**Sturgeon County Centre**  
9613 100 Street  
Morinville, AB T8R 1L9  
Tel: 780-939-4321

**Thorhild County Office  
Planning Department**  
801 - 1 Street  
Thorhild, AB T0A 3J0  
Tel: 780-398-3741

**Strathcona County  
Heartland Hall**  
55305 Range Road 214  
Fort Saskatchewan, AB T8L 4A4  
Tel: 780-992-6782

**Lamont County  
Administration Building**  
5303 50 Avenue  
Lamont, AB T0B 2R0  
Tel: 780-895-2233

**Alberta Environment**  
Register of Environmental Assessment Information  
111, Twin Atria Building  
4999 - 98<sup>th</sup> Ave.  
Edmonton, AB  
Attn: Melanie Daneluk  
<http://environment.alberta.ca/1283.html>

**Further information on the Shell Quest CCS Project or copies of the Proposed Terms of Reference and associated project information may be obtained from:**  
www.shell.ca/quest  
e-mail: [quest-info@shell.com](mailto:quest-info@shell.com)  
toll free: 1-800-250-4355

Shell Canada Energy  
400-4<sup>th</sup> Avenue, SW  
PO Box 100, Station M  
Calgary, AB T2P 2H5  
Attn: Kathy Penney, Regulatory and Environmental Manager, Quest CCS Project

**Persons wishing to provide written comments on the Proposed Terms of Reference must submit them by September 23, 2010 to:**

**Director of Environmental Assessment, Northern Region**

Alberta Environment

111, Twin Atria Building

4999 - 98<sup>th</sup> Ave.

Edmonton, AB T6B 2X3

Fax: (780) 427-9102

E-mail: [environmental.assessment@gov.ab.ca](mailto:environmental.assessment@gov.ab.ca)