



***Open house for carbon capture***

*Sturgeon Creek Post*

*Wednesday, February 17, 2010*

Carbon capture and storage plans for the Shell upgrader at Scotford will be discussed at a series of open houses in March.

Shell, Chevron and Marathon Oil are hosting the open houses to discuss their Quest project.

The project may one day reduce carbon emissions from the Scotford upgrader by 35 per cent, capturing that carbon dioxide and storing it two kilometers underground, says Rob Seely, Shell Canada's general manager of Sustainable Development.

Quest will capture carbon dioxide emitted by the upgrader at Scotford, liquify it and pump it to wells in Thorhild County, northeast of Redwater, Seely says.

The carbon dioxide will be pumped down through two kilometers of sedimentary rock to be absorbed by a layer of sandstone just above the cambrian bedrock.

Test wells have been drilled, but the project is still three years away from the start of construction, Seely says. If all goes as planned, carbon dioxide will begin to be stored by 2015.

It will take several more years before Quest reaches its capacity of 1.2 million tonnes of carbon dioxide per year.

The Alberta and Federal governments have promised to contribute up to \$864 million toward the Quest project. Shell must fund the remaining \$435 million.

Open houses will be held in Fort Saskatchewan at the Dow Centennial Centre on March 3 and at the Bruderheim Community Centre on March 4. Both open houses take place from 4 until 8 p.m. Organizers promise to provide refreshments and door prizes.