

## PTRC's Aquistore Project Surpasses 100,000 Tonnes of Stored CO<sub>2</sub>

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For Immediate Release

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PTRC's Aquistore Project confirmed a major milestone when Project Manager Kyle Worth announced on Tuesday that the site has surpassed 100, 000 tonnes of stored CO<sub>2</sub>.

Presenting at the 13<sup>th</sup> Greenhouse Gas Technologies Conference in Lausanne, Switzerland, Mr. Worth recounted the successful research conducted at the Aquistore site in the past year, including an extensive seismic monitoring program that is the first in the world to successfully produce an image of injected CO<sub>2</sub> at a depth of over 3.2 km. Mr. Worth went on to announce that over 100,000 tonnes of CO<sub>2</sub> has been injected into the saline sandstone formation below the Aquistore field research site.

"Injection rates averaged about 500 tonnes per day of CO<sub>2</sub> from the Boundary Dam Power Station since mid-summer," noted Worth, "and the ongoing measurement, monitoring and verification research program at the site is confirming the safety and security of storage. To be able to see the CO<sub>2</sub> plume using advanced seismic monitoring technologies is extraordinary, and an exciting advancement in CCS."

The Petroleum Technology Research Centre (PTRC) has an extensive background in managing CO<sub>2</sub> storage programs, following over 15 years of research experience with the IEAGHG Weyburn-Midale CO<sub>2</sub> Monitoring and Storage Project, and the ongoing field research program at Aquistore.

Mr. Worth's attendance and presentation at the GHGT-13 Conference is part of the PTRC's commitment to disseminate research findings to a global audience.

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**Contact:**

Norm Sacuta, [norm.sacuta@ptrc.ca](mailto:norm.sacuta@ptrc.ca)  
PTRC, Communications Manager  
(306)787-7497

**Images:**

Aquistore site available for use upon request.

**BACKGROUND**

**Aquistore** is an independent research and monitoring project which intends to demonstrate that storing carbon dioxide (CO<sub>2</sub>) deep underground (in a brine saturated sandstone formation), is a safe, workable solution to reduce greenhouse gases. Globally, deep saline aquifers have the potential to store centuries' worth of CO<sub>2</sub> emissions.



Based in Regina, Saskatchewan, Canada, **PTRC** is a not-for-profit corporation. It is a world leader in the development of more efficient and environmentally sustainable technologies for enhanced oil recovery, and is a world-leader in the study of the geological storage of carbon dioxide through the *IEAGHG Weyburn-Midale CO<sub>2</sub> Monitoring and Storage Project* and the *Aquistore Project*.



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