

Regional Carbon Sequestration Partnerships – Monitoring, Verification, and Accounting (MVA) Webinar with the American Waterworks Association

Date: December 8, 2008 from 1:00 pm – 4:00 pm (Eastern Time)

Participants: Representatives from the Regional Carbon Sequestration Partnerships (RCSPs) and members of the American Waterworks Association (AWWA)

Purpose:

- To share information with AWWA members regarding the monitoring, verification and accounting (MVA) of geologic sequestration (GS) projects.
- To open a line of communication for AWWA members with the RCSPs.

Agenda:

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| 1:00 – 1:10 | Convene and Introductions<br><i>Sarah Wade, Moderator, RCSP Public Outreach Working Group, Midwest Regional Carbon Sequestration Partnership (MRCSP)</i>   |
| 1:10 – 1:20 | Brief Overview of AWWA and Their Interest, Roles/Responsibilities, and Specific Concerns<br><i>Cynthia Lane, AWWA</i>  |
| 1:20 – 1:25 | Brief Overview of Regional Carbon Sequestration Partnership Program<br><i>Dawn Deel, National Energy Technology Laboratory</i>   |
| 1:25 – 1:40 | Ensuring the Integrity of GS Projects: the Application of Reservoir Modeling/Simulation, Risk Assessment and MVA to the Main Stages of a GS Project: Site Selection, Operations, and Closure<br><i>Brian McPherson, Principal Investigator, Southwest Regional Partnership on Carbon Sequestration (SWP)</i> |
| 1:40 – 1:55 | The Construction and Use of Reservoir Modeling / Simulation<br><i>Neeraj Gupta, Battelle Energy Technology, MRCSP</i>  |
| 1:55 – 2:20 | Conducting Risk Assessment and Using the Results to Design and Manage GS Projects<br><i>Andrew Duiguid, Schlumberger Carbon Services</i>   |
| 2:25 – 2:45 | Overview of MVA <ul style="list-style-type: none"><li>– Review framework for MVA that includes techniques that are core to ensuring project integrity, used to improve operational performance, and purely (or mostly) research-oriented</li></ul>   |

- Do we have MVA techniques that can be used today to ensure the integrity of GS projects and detect leaks if they are occurring?

- What else do we need to learn about MVA?

*Susan Hovorka, Gulf Coast Carbon Center, Bureau of Economic Geology, University of Texas at Austin/Southeast Regional Carbon Sequestration Partnership (SECARB)*

2:45 – 3:20

Discussion of how the RCSPs are using and testing MVA techniques in saline reservoirs and other pilot projects (Phase II and III)

Selected case studies showing how the RCSPs are further developing MVA techniques for tracking CO<sub>2</sub> as it moves through a saline formation

Tracer Testing of Plume Movement

*Julianna Fessenden, SWP*

Groundwater Analyses at SACROC

*Rebecca Smyth, SWP*

MMV for a GS Project

*Ed Mehnert, Midwest Geological Sequestration Consortium*

3:20 – 3:30

A wrap-up reviewing how these steps (modeling, risk assessment and MVA) are integrated into each of the stages of a project and why the RCSPs are confident to move ahead with large demonstration projects

*Brian McPherson, SWP*

3:30 – 4:00

Question/Answer – Discussion of How Best to Engage AWWA Members

*Sarah Wade, Moderator, MRCSP*