



Plains CO₂ Reduction (PCOR) Partnership Energy & Environmental Research Center (EERC)

Plains CO₂ Reduction (PCOR) Partnership Monthly Update June 1–30, 2018

PHASE III ACTIVITIES

Task 1 – Regional Characterization (Wesley D. Peck)

This task ended in Quarter 1 – Budget Period (BP) 5, Year 11 (March 2018).

Task 2 – Public Outreach and Education (Daniel J. Daly)

Highlights

- Presented to 115 teachers at the Lignite Energy Council (LEC) Teacher Seminar in Bismarck, North Dakota, on June 12, 2018.
- Edited the DVD fact sheet to add text about receiving the Bronze Telly Award for the Bell Creek DVD (Deliverable [D] 21).
- Continued writing the draft outreach paper for the 14th Conference for Greenhouse Gas Control Technologies (GHGT-14).
- Completed and submitted a draft of the Task 2 section for the PCOR Partnership Phase III final report – D62, under Task 13.
- Continued internal discussions and work on the planned PCOR Partnership public Web site technical upgrade design, including the following:
 - Updated the following pages:
 - ♦ CO₂ Sequestration Projects hover boxes
 - ♦ Carbon Capture and Storage (CCS) Rules and Regulations
 - Converted the Coal documentary (D22) to a smaller file size for better streaming.
 - Continued to discuss progress and needs of programming.
- Participated in the Outreach Working Group (OWG) conference call on June 21, 2018. Discussed the status and path forward for the OWG final report.

Task 3 – Permitting and NEPA (National Environmental Policy Act) Compliance (Charles D. Gorecki)

This task ended in Quarter 1 – BP5, Year 11 (March 2018).

Task 4 – Site Characterization and Modeling (Charles D. Gorecki)

This task ended in Quarter 1 – BP5, Year 10 (March 2017).

Task 5 – Well Drilling and Completion (John A. Hamling)

This task ended in Quarter 3 – BP4, Year 7 (June 2014).

Task 6 – Infrastructure Development (Melanie D. Jensen)

This task ended in Quarter 1 – BP5, Year 11 (March 2018).

Task 7 – CO₂ Procurement (John A. Harju)

This task ended in Quarter 4 – BP4, Year 6 (September 2013).

Task 8 – Transportation and Injection Operations (Melanie D. Jensen)

This task ended in Quarter 4 – BP4, Year 8 (September 2015).

Task 9 – Operational Monitoring and Modeling (John A. Hamling and Larry J. Pekot)

This task ended in Quarter 1 – BP5, Year 11 (March 2018).

Task 10 – Site Closure (John A. Hamling)

Highlights

- Worked on preparing material for the Task 10 section for the PCOR Partnership Phase III final report – D62, under Task 13.

Task 11 – Postinjection Monitoring and Modeling (John A. Hamling and Larry J. Pekot)

This task ended in Quarter 1 – BP5, Year 11 (March 2018).

Task 12 – Project Assessment (Loreal V. Heebink)

This task ended in Quarter 1 – BP5, Year 11 (March 2018).

Task 13 – Project Management (Charles D. Gorecki)

Highlights

- Attended the Montana Energy Summit in Billings, Montana, May 29 – June 1, 2018.
- Presented “Quantification of Associated CO₂ Storage Through Coupled Reservoir Simulation and Surveillance During an Active CO₂ EOR [Enhanced Oil Recovery] Project” at the Computer Modelling Group (CMG) Technical Symposium held June 4–5, 2018, in Calgary, Alberta, Canada.
- Participated in an Aquistore Science and Engineering Research Committee (SERC) conference call June 6, 2018. Injection continues at Aquistore at 30 tons per day. The Aquistore General Meeting is scheduled for September 12, 2018.
- The EERC hosted the IEAGHG (International Energy Agency Greenhouse Gas R&D Programme) Combined Modelling and Risk Management Network Meeting June 18–22,

2018. Although PCOR Partnership funds were not used to host the meeting, PCOR Partnership representatives attended.

- Submitted Milestone (M) 67 entitled “PCOR Partnership Technical Advisory Board Meeting Held” to the Federal Project Manager on June 29, 2018, for review.
- Continued revisions and internal reviews of draft GHGT-14 papers.
- Continued management of a planned special issue of *International Journal of Greenhouse Gas Control* (IJGGC). Continued revisions to papers based on peer review comments. Accepted three revised papers for publication.
- Continued preparing materials for the Phase III final report from all tasks (D62 – Final Report).
- Worked on compilation and writing for a value-added document from the PCOR Partnership best practices manuals.
- Continued planning for the 2018 PCOR Partnership Annual Membership Meeting scheduled to be held September 18–19, 2018, in Washington, D.C., including the following:
 - Held planning meetings on June 4 and 28, 2018. Topics discussed included meeting room layout, topics for the meeting, an activity for the meeting, and potential speakers and panelists.
 - Completed the Web page (www.undeerc.org/PCOR18/), which is now available to view. Added links as buttons to the PCOR Partnership public Web site and partners-only Web site.
 - Sent a “Save the date” e-mail blast on June 6, 2018.
 - Worked on the draft agenda.
 - Secured the meeting space.
- Continued work on compiling information for a knowledge-sharing workshop with Denbury Onshore (Denbury).
- Continued to evaluate data to determine appropriate content to upload into the U.S. Department of Energy (DOE) National Energy Technology Laboratory (NETL) Energy Data eXchange (EDX). Continued discussions of plans to upload PCOR Partnership data to EDX and a pathway for long-term data management, including the following:
 - Continued evaluation of Phase II data.
 - Continued work on review of Phase III data for EDX.
- Completed reporting in June:
 - May monthly update
 - Task 13: M67 – PCOR Partnership Technical Advisory Board Meeting Held

Task 14 – Regional Carbon Sequestration Partnerships (RCSP) WWG (Water Working Group) Coordination (Ryan J. Klapperich)

This task ended in Quarter 1 – BP5, Year 11 (March 2018).

Task 15 – Further Characterization of the Zama Acid Gas EOR, CO₂ Storage, and Monitoring Project (Charles D. Gorecki)

This task ended in Quarter 2 – BP4, Year 7 (February 2014).

Task 16 – Characterization of the Basal Cambrian System (Wesley D. Peck)

This task ended in Quarter 2 – BP4, Year 7 (March 2014).

Travel/Meetings

- May 29 – June 1, 2018: traveled to Billings, Montana, to present at the Montana Energy Summit.
- June 3–6, 2018: traveled to Calgary, Alberta, to attend and present at the CMG Technical Symposium.
- June 19–22, 2018: traveled to Watford City, North Dakota, to attend the field trip associated with the IEAGHG Combined Modelling and Risk Management Network Meeting held in Grand Forks, North Dakota.

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