



**Plains CO₂ Reduction (PCOR) Partnership Monthly Update
May 1–31, 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

- Received word from Prairie Public Broadcasting that *The Bell Creek Story – CO₂ in Action* (Documentary Deliverable [D] 21) received a 2018 Bronze Telly Award in the category of Television Documentary.
- Received 1000 DVDs of Documentary D22 (*Coal: Engine of Change*) from RelyMedia.
- Continued internal discussions and work on the planned PCOR Partnership public Web site technical upgrade design, including the following:
 - Continued to discuss progress and needs of programming.
 - Prepared draft content for the D22 video clips for the Video Clip Library section.
 - Worked with the programmers to make hover boxes on the CO₂ Sequestration Project page mobile-friendly.
 - Updated the following printer-friendly pages to revamp the site:
 - ◆ What Is CO₂?
 - ◆ What Is CO₂ Sequestration?
 - ◆ CO₂ Sequestration Projects
 - ◆ CCS Rules and Regulations
 - ◆ Terrestrial Sequestration
- Received the expanded outline for the Outreach Working Group (OWG) final report from the OWG lead. Began review and comment writing.

**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**

- Nothing to note at this time.

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 and presented a poster entitled “Best Practices for CO₂ Geologic Storage in the PCOR Partnership Region” at GeoConvention 2018 held May 7–9, 2018, in Calgary, Alberta, Canada.
- Attended the Williston Basin Petroleum Conference (WBPC) held May 22–24, 2018, in Bismarck, North Dakota.
- Presented “Enhanced Oil Recovery Opportunities for Montana” at the Montana Energy Summit in Billings, Montana, on May 31, 2018.
- Submitted D66 (Bell Creek Test Site – Simulation Report) Updates 2 and 3 full reports on May 4, 2018. The reports had been under concurrent review by Denbury Onshore (Denbury) and were reviewed for any confidential material. Received approval for Update 3 on May 4, 2018, and Update 2 on May 24, 2018. (These were originally submitted under Task 9.)

- Received notification that all abstracts submitted to the 14th Conference for Greenhouse Gas Control Technologies (GHGT-14) were accepted. Four abstracts were accepted as oral presentations (see below), while the remaining abstracts were accepted as posters. The decision to accept or decline each of these is pending. Continued revisions and internal reviews of draft GHGT-14 papers.
 - Passive Microseismic Monitoring of CO₂ EOR [Enhanced Oil Recovery] and Associated Storage Using a Downhole Array in a Noisy Subsurface Environment
 - An Improved Numerical Modeling and Simulation Study of the Aquistore CO₂ Storage Project
 - Results of CO₂ Storage Efficiency in Deep Saline Formations – A Stage 2 Study
 - Successes and Lessons Learned from 15 Years of the PCOR Partnership
- Continued management of a planned special issue of *International Journal of Greenhouse Gas Control* (IJGGC). Continued revisions to papers based on peer review comments. Submitted two revised papers for additional review.
- Continued planning and work on D62 – Final Report. Met internally with task leaders to discuss writing assignments. Worked on writing text for tasks.
- Worked on an outline 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:
 - Worked on hotel arrangements.
 - Continued drafting a “Save the Date” Web site page and e-mail blast.
- Continued work on compiling information for a knowledge-sharing workshop with Denbury. Worked on a draft agenda. Worked on presentations.
- Received request to upload PCOR Partnership Phase II data into the U.S. Department of Energy (DOE) National Energy Technology Laboratory (NETL) Energy Data eXchange (EDX) in addition to Phase III data. The focus of efforts has been to compile Phase III data. Efforts will now include evaluating Phase II data to determine appropriate content for EDX. Continued discussions of plans to upload PCOR Partnership data to EDX and a pathway for long-term data management, including the following:
 - Began evaluation of Phase II data.
 - Continued work on review of Phase III data for EDX and to be provided to Denbury.
- Completed reporting in May:
 - April monthly update

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 5–13, 2018: traveled to Calgary, Alberta, to attend GeoConvention 2018.
- May 22–24, 2018: traveled to Bismarck, North Dakota, to attend the WBPC.
- May 29 – June 1, 2018: traveled to Billings, Montana, to present at the Montana Energy Summit.

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