

Plains CO₂ Reduction (PCOR) Partnership

Energy & Environmental Research Center (EERC)



Plains CO₂ Reduction (PCOR) Partnership Monthly Update April 1–30, 2019

PHASE III ACTIVITIES

Task 1 – Regional Characterization (Wesley D. Peck)

This task ended in Quarter 2 – Budget Period (BP) 5, Year 11 (March 2018).

Task 2 – Public Outreach and Education (Neil Wildgust)

This task ended in Quarter 1 – BP5, Year 12 (December 2018).

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

This task ended in Quarter 2 – BP5, Year 11 (March 2018).

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

This task ended in Quarter 2 – 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 2 – 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 2 – BP5, Year 11 (March 2018).

Task 10 – Site Closure (John A. Hamling)

This task ended in Quarter 1 - BP5, Year 12 (December 2018).

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

This task ended in Quarter 2 – BP5, Year 11 (March 2018).

Task 12 – Project Assessment (Loreal V. Heebink)

This task ended in Quarter 2 – BP5, Year 11 (March 2018).

Task 13 – Project Management (Charles D. Gorecki)

Highlights

- Attended the Midwest Carbon Sequestration Science Conference held April 23–25, 2019, in Champaign, Illinois.
- Continued the internal review of a value-added overview document based on the PCOR Partnership best practices manuals.
- Provided PCOR Partnership-related data products to a Denbury Onshore LLC (Denbury) representative upon request.
- Fulfilled requests received via e-mail, telephone, and Web for PCOR Partnership DVDs and atlases.
- Completed reporting in April:
 - March monthly update

Issues

• Nothing to note at this time.

Opportunities

• Nothing to note at this time.

Partners Contacted

- Kate Ryan, Denbury
- Landon Johnson, Great River Energy

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

This task ended in Quarter 2 – 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

• April 23–27, 2019: traveled to Champaign, Illinois, to attend the Midwest Carbon Sequestration Science Conference.

EERC DISCLAIMER

LEGAL NOTICE: This research report was prepared by the Energy & Environmental Research Center (EERC), an agency of the University of North Dakota, as an account of work sponsored by the U.S. Department of Energy (DOE) National Energy Technology Laboratory (NETL). Because of the research nature of the work performed, neither the EERC nor any of its employees makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement or recommendation by the EERC.

ACKNOWLEDGMENT

This material is based upon work supported by DOE NETL under Award No. DE-FC26-05NT42592.

DOE DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government, nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views

and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

NDIC DISCLAIMER

This report was prepared by the EERC pursuant to an agreement partially funded by the Industrial Commission (NDIC) of North Dakota, and neither the EERC nor any of its subcontractors nor NDIC nor any person acting on behalf of either:

- (A) Makes any warranty or representation, express or implied, with respect to the accuracy, completeness, or usefulness of the information contained in this report or that the use of any information, apparatus, method, or process disclosed in this report may not infringe privately owned rights; or
- (B) Assumes any liabilities with respect to the use of, or for damages resulting from the use of, any information, apparatus, method, or process disclosed in this report.

Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by NDIC. The views and opinions of authors expressed herein do not necessarily state or reflect those of the NDIC.