

Plains CO₂ Reduction (PCOR) Partnership Monthly Update September 1–30, 2008

PHASE II ACTIVITIES

Task 1 – Project Management and Reporting (Edward N. Steadman/John A. Harju)

Highlights

- Biorecro AB and Computer Modeling Group, Inc., have joined the PCOR Partnership. As of September 30, 2008, Phase II of the PCOR Partnership has 79 partners (please note that Phase II members in good standing are automatically enrolled in Phase III for the first budget period [BP] that overlaps with the last 2 years of Phase II [October 1, 2007 – September 30, 2009]).
- The 2008 PCOR Partnership Annual Meeting was held September 16–18, 2008, in Minneapolis, Minnesota. We are currently constructing a link on the PCOR Partnership Decision Support System (DSS, © 2007 EERC Foundation) that summarizes the meeting and posts the presentations from the meeting.
- The second edition (revised) of the PCOR Partnership Regional Atlas is complete and was distributed at the 2008 PCOR Partnership Annual Meeting. It is also being added to the PCOR Partnership DSS Web site.
- Prairie Public Broadcasting (PPB) premiered “Out of the Air – Into the Soil: Land Practices That Reduce Atmospheric Carbon Levels” on Friday, September 26, 2008, at 8:30 p.m. Central Daylight Time. The documentary was distributed at the 2008 PCOR Partnership Annual Meeting. It will also be added to the PCOR Partnership Web site as streaming video soon.
- We are currently reviewing the final draft document entitled “Monitoring, Verification, and Accounting (MVA) of CO₂ Stored in Deep Geologic Formations.” Comments are due October 3, 2008.
- No Phase II Deliverables/Milestones were due for September.
- Upcoming Phase II Deliverables/Milestones for October
 - D3: Task 1 – Quarterly Report

Task 2 – Field Validation Test at a Williston Basin Oil Field, North Dakota (James A. Sorensen)

Highlights

- Continued evaluation of oil fields in Williston Basin that may be suitable candidates to host the injection and monitoring, mitigation, and verification (MMV) activities. Efforts in September focused on developing baseline characterization data for fields in the Dickinson area and along the Nesson Anticline. Specifically, efforts were focused on initiating the development of a petrophysical model of the Northwest MacGregor oil field on the Nesson

Anticline, which has been determined to be a potential host site for the Phase II demonstration.

- Laboratory tests were continued to examine the geochemical interactions between CO₂, saline water, and rocks. Rock examined included carbonate rocks that are representative of reservoir rocks being considered as potential target injection zones for the Williston Basin demonstration. Anhydrites and shales that may act as caprocks have also been examined. Preliminary results indicate that some changes in mineral composition can and do occur. It is anticipated that a series of these tests, using a variety of rock types, will continue to be conducted over the summer and fall of 2008, with the primary purpose being the development of rate of reaction data that can be used to refine geochemical models.

Task 3 – Field Validation Test at Zama, Alberta, Canada (Steven A. Smith)

Highlights

- Coring of the Slave Point Acid Gas Disposal zone was initiated on September, 30, 2008. After coring is complete, samples will be analyzed for geochemical and geomechanical properties as they relate to CO₂ sequestration.
- Pressure analysis and modeling are ongoing. This activity will be used to identify whether pressure spikes (should they occur) in the monitoring well can be attributed to leakage from the reservoir. Pressures have been history-matched in the Slave Point and Keg River Reservoirs. Currently, an analysis of the multiphase system (acid gas, oil, and water) is being evaluated to determine the behavior of injected gas in the reservoir and the relationship to pressure buildup and geomechanical failure.
- Apache Canada Ltd. gave a presentation on Zama at the PCOR Partnership Annual Meeting.

Task 4 – Field Validation Test of Lignite Coal in North Dakota (Lisa S. Botnen)

Highlights

- Negotiations are complete with Praxair to supply and inject CO₂ at the site.
- Discussions continue with Pinnacle and Schlumberger to coordinate MMV activities.
- Development continues on the subsurface geologic model. This model will be used to estimate reservoir capacity with respect to CO₂ storage or sequestration ability.
- A nitrogen fracture injection/fall-off test (NFIT) was conducted on North Dakota State Well 36-15C to derive in situ aquifer parameters of the lignite. The preliminary results indicate a reservoir pressure of $p_i = 335$ psia, which is significantly lower than the estimated hydrostatic pressure. This is consistent with the previous NFIT test that was conducted on North Dakota State Well 36-16. Another test is scheduled for North Dakota State Well 36-10.
- A formation water sample was submitted to the North Dakota Industrial Commission (NDIC) in support of the aquifer exemption request. This is part of the underground injection control (UIC) application for CO₂ injection.
- A presentation on the progress of the project was given at the PCOR Partnership Annual Meeting.
- A presentation on the progress of the project was given at the North Dakota Association of Oil and Gas Producing Counties Annual Meeting in Minot, North Dakota.
- Well development activities and additional site preparation continue in order to get ready for CO₂ injection.

- Numerous meetings have been conducted with various partners and field service providers to discuss the logistics of CO₂ injection and MMV activities.
- Downhole monitoring equipment has been received. System deployment is ongoing. The system will collect temperature, pH, conductivity, and pressure data.
- Measurements of water levels and pressure in the wells continue to be taken on a regular basis.

Task 5 – Terrestrial Validation Test (Barry W. Botnen)

Highlights

- Field activities for the 2008 wetland catchment sampling season continue.
 - The Goebel Ranch and the Ipswitch Grasslands areas were sampled twice in September. The samples are being analyzed.
 - Additional information on soil moisture, soil and water temperature, water depth, and vegetative cover were collected.
 - Haying treatments were applied to selected wetland catchments on July 16, 2008. These selected catchments were also sampled twice in September.
- Grassland sampling has been completed in Montana, north-central and northeastern North Dakota, and north-central Iowa. These samples are being analyzed.
- Fact sheets on the 2007 Farm Bill and comparisons of soil carbon models are in process.
- The carbon tracking system (Oracle-based database) is complete and is operational.
- PCOR Partnership partners continue to work toward obtaining International Standard Organization 14064-2, Voluntary Carbon Standard, Climate Community and Biodiversity Standards verification for grassland carbon credits.
- Ducks Unlimited, Inc. (DU), continues to make progress with respect to its carbon credit program. DU has currently secured over 20,000 acres of private grasslands, with an initial goal set at 30,000 acres. Future projects are in process, pending accounting rules for verification and certification for grassland credits.
- As part of the wetlands study, an in situ experiment on nitrogen amendments on greenhouse gas emissions continues.
- The draft topical report “Market Development for Terrestrial Sequestration on Private Lands” is in final draft form and will be available for distribution in early October 2008.
- State and regional greenhouse gas or cap-and-trade program rules and policies and the U.S. Department of Energy (DOE) Guidelines for Aggregators and Terrestrial Offset Providers are being evaluated.
- The DU–PCOR Partnership terrestrial project Web site is being updated.
- Characterization inputs and the terrestrial portion of the DSS are in process.

Task 6 – Continued Characterization of Regional Sequestration Opportunities (Wesley D. Peck)

Highlights

- Participated in several tasks focusing on the preparation of materials for the annual PCOR Partnership meeting. One of these tasks included the compilation and presentation of a talk discussing the PCOR Partnership DSS at the meeting.

- Iowa Geological Survey gave a brief presentation at the PCOR Partnership Annual Meeting. The presentation covered recent activities it has been working on for the PCOR Partnership.
- Currently reviewing and modifying a general PCOR Partnership overview paper being submitted to the Greenhouse Gas Technology Conference (GHGT-9).
- Work continues on finalizing the cumulative production data set. All available information is in the dataset. The Alberta data are still missing. Contacts were made for the water data for British Columbia, Montana, Missouri, and Saskatchewan and gas data for Missouri and Saskatchewan. Data are being organized by the individuals contacted. Further work on this data set is pending information obtained from these contacts.
- Still waiting for an Alberta contact at Alberta Geological Survey. Further work on this part of the dataset is pending getting this contact.
- In the process of collecting the latest oil field shapefiles for the states and provinces where needed and cross-checking the new fields to the current fields. Estimate completion of this task in early October 2008.
- Data collection is continuing on the North Dakota oil pool dataset, and it is estimated this will be complete by the end of October.
- A revised CO₂ sources inventory was received this week. These new data will be reviewed and incorporated into the DSS.
- A draft Web page for the Capture Technology Document is under review. This document will provide a cross-referenced summary of available CO₂ capture technologies.
- Attended meetings to discuss the compilation of the Washburn study area CO₂ capacity results.
- Spoke with of RPS Energy regarding the acquisition of oil pool data for British Columbia, Alberta, and Saskatchewan. From this discussion, it was determined there may be a much more efficient manner to obtain the data than how it is currently being approached.

Task 7 – Research, Safety, Regulatory, and Permitting Issues (Lisa S. Botnen)

Highlights

- Development of deliverable D41, entitled “Williston Basin Field Validation Test National Environmental Policy Act (NEPA) Compliance Document” is ongoing.
- Continued review of the U.S. Environmental Protection Agency’s (EPA’s) Advanced Notice of Proposed Rulemaking (ANPR) for regulating greenhouse gas (GHG) emissions under the Clean Air Act (CAA).
- Completed review of EPA’s proposed rules for regulating geological sequestration under the UIC program. Completed development of a spreadsheet that compares and contrasts the EPA proposed rules with World Resources Institute (WRI) Guidelines and Interstate Oil and Gas Compact Commission (IOGCC) model rules. Provided a draft of this document to interested PCOR Partnership members at the annual meeting.
- Development of comments on EPA’s proposed rules for regulating geological sequestration under the UIC program continues.
- Participated in a conference call with a task force that is working on geologic sequestration legislation for the state of North Dakota.
- Reviewed Legal Barriers to Carbon Capture Report that was completed by Alston & Bird.

- A formation water sample was submitted to the NDIC in support of the aquifer exemption request for the Lignite Field Validation Test. This is part of the UIC application for CO₂ injection.
- Various state, provincial, and regional GHG reduction and carbon capture and storage (CCS) initiatives are being tracked and analyzed.
- Analysis of carbon market strategies continues.
- Legislative actions occurring in Congress continue to be followed and reviewed for any implications relating to carbon capture and storage.
- Recent publications relating to regulating CO₂ sequestration and MMV issues continue to be reviewed.

Task 8 – Public Outreach and Education (Daniel J. Daly)

Highlights

- Presented at the PCOR Partnership annual meeting.
- D46: Documentary: Geologic Sequestration
 - Continued setting up schedule for interviews and site visits.
 - Mock-ups for geologic column animation were prepared internally based on a meeting, and this mock-up was reviewed internally again.
 - ♦ Currently preparing an e-mail to the animator based on meeting comments.
 - PPB reviewed its archives, located the high-def footage from Dakota Gasification Plant taken in 2004, and added the footage to the PPB FTP site for Energy & Environmental Research Center (EERC) review.
- D39: Documentary: Terrestrial CO₂ Sequestration and M10: Documentary: Terrestrial CO₂ Sequestration Reported
 - Terrestrial DVDs were sent to WestCarb.
 - ♦ WestCarb will report on the California content in the documentary at its annual meeting in early October.
 - Final materials were proofed for DVD printing.
 - The terrestrial documentary was distributed at the annual meeting; 1000 copies will be made, packaged, and shrink-wrapped, and 500 additional covers will be made if we need to make extra DVDs.
- D22: Public Web site update (due to DOE the end of February 2009)
 - A list of changes for the public Web site update was prepared and submitted to the outreach team.
 - The changes approved by DOE in August were finalized and went live on September 12, 2008.
- Team building
 - Weekly meetings were held with outreach team personnel.
 - ♦ Presented a work plan for the Web site and for the Web video and requested work plans for the Outreach Information System and the Education materials.
 - ♦ Currently working on a unified work plan and milestone chart for outreach activities.
 - ♦ A PowerPoint on the outreach vision, plan, and products was given. The intent is to get the team on the same page for the big issues and promote idea sharing and synergy for upcoming projects.

- Outreach working group
 - Contacted AJW, Inc. regarding the sequestration model for public meetings and the Regional Carbon Sequestration Partnerships' (RCSPs') Initiative Review meeting in early October.
- Strategic planning
 - Developed work plans for the Web video and Web site.
 - Currently reviewing an outreach work plan and provided background to support team-building activities and the outreach update.

Task 9 – Identification of Commercially Available Sequestration Techniques Ready for Large-Scale Deployment (Melanie D. Jensen/Michael L. Jones)

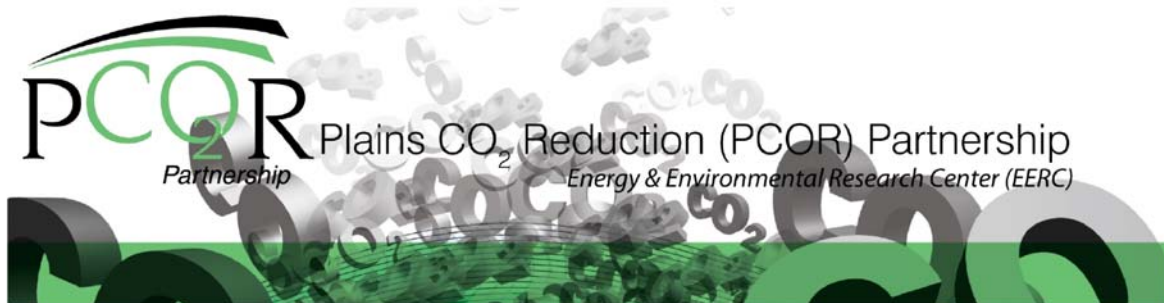
Highlights

- Remaining fiscal year funding for this task will be spent addressing comments resulting from review of the deliverable report summarizing the cost and effort required for the initial efforts to capture, compress, and transport CO₂ within the PCOR Partnership region. The draft report was submitted on July 31, 2008.

Task 10 – Regional Partnership Program Integration (Edward N. Steadman)

Highlights

- Preparations for the RCSPs' Initiative Review Meeting (October 6–8, 2008, in Pittsburgh, Pennsylvania) are currently under way.
 - Project fact sheets were submitted on September 12, 2008.
 - Three poster boards (on the geologic sequestration projects and a summary of the terrestrial sequestration) were developed.
 - The PCOR Partnership will also give presentations on the following topics:
 - ◆ Williston Basin Coal Seam Injection Test (to be given on October 6)
 - ◆ Zama – Keg River Formation (to be given on October 6)
 - ◆ Overview of the PCOR Partnership (to be given on October 7)
 - ◆ Simulation and Risk Assessment (to be given on October 8)
- The PCOR Partnership also continued participation in working group conference calls, including the following:
 - Geographic information system (GIS)
 - Capture and transportation
 - Geologic
 - Outreach
 - Simulation and risk assessment



PHASE III ACTIVITIES

Task 1 – Regional Characterization (Wesley D. Peck)

Highlights

- The final draft of the subaward for the Minnesota Geological Survey (MGS) has been sent to for approval. Once the MGS/University of Minnesota has signed the contract, work will begin.
- Currently compiling census school district data for the U.S. portion of the PCOR Partnership region.
- Work has begun with Statistics Canada to obtain GIS-based demographic information regarding the PCOR Partnership region.
- Participated in several tasks focusing on the preparation of materials for the annual PCOR Partnership meeting. One of these tasks included the compilation and presentation of a talk discussing the PCOR Partnership DSS at the meeting.
- Deliverable D1 entitled “Review of Source Attributes” was submitted to DOE for review on September 26, 2008.
- Milestone M12 entitled “Demonstration Project Reporting System (DPRS) Prototype Completed” was submitted to DOE for review on September 26, 2008.
- A report outlining a prototype layout for the DPRS being planned for the newest revision of the DSS was compiled and sent to DOE as part of a recent milestone.
- The Minnesota subrecipient agreement is in place.
- Created a new large-format base map of the Williston basin area. The map depicts oil fields, pipelines, and federal lands.
- Reviewed portions of a draft version the CO₂CRC report on saline aquifer storage for CO₂.

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

Highlights

- School outreach
 - Keystone sent out an e-mail regarding the Keystone education workshops for the partnerships. It has completed three workshops in 2008 with good reviews and want to schedule the other four for 2009 (including the PCOR Partnership).
- Outreach information system
 - Base maps were provided internally.
 - Roughed out the formats for maps on public broadcasting market areas, newspaper coverage and exposure, population, households, and sequestration site areas.

- Currently developing a work plan and will obtain a base map that will allow us to mock up the type of products we want.
- Continue to focus on school demographics as well as obtaining information on select outreach venues in the region which will include Canadian census data.
- EERC video capability
 - Received the laptop and other equipment to support the EERC PCOR Partnership documentary capability.
 - Received preliminary approval to the equipment justification for support equipment for the high-definition camera capability. The support equipment will include an editing package that would include a powerful PC laptop dedicated to the camera, videoediting software, and two 1-terabyte “MyBook” external hard drives for data storage and backup.
 - The release form for the EERC video activity is completed.
 - Currently discussing the need for a list of demonstration site activities to use as the basis for scheduling PPB site visits to get footage for the Phase III demonstration documentaries due in 4 years.
- Outreach working group
 - Contacted AJW, Inc. regarding the sequestration model for public meetings and a meeting at the RCSP’s Initiative Review Meeting in early October.
- Presented at the PCOR Partnership Annual Meeting.
- Web site
 - A mock-up was provided of the demonstration project portion of the public Web site.
 - Materials were developed in response to suggestions and will be discussed internally in early October.
- Weyburn outreach advisory group
 - Requested a review of the PCOR Partnership public Web site by Weyburn as a first step in greater collaboration and further integration with Canadian outreach efforts for sequestration.
 - Participated in a conference call.
 - Review comments were provided for the report by Bluewave consultants, and general outreach strategy was discussed for Canada with respect to carbon sequestration and the strategy for Weyburn–Midale in that context.
- Team building
 - Weekly meetings were held with outreach team personnel.
 - ◆ Presented a work plan for the Web site and for the Web video and requested work plans for the outreach information system and the education materials.
 - ◆ Currently working on a unified work plan and milestone chart for outreach activities.
 - ◆ Reviewed the upcoming Web updates.
 - ◆ A PowerPoint on the outreach vision, plan, and products was given. The intent is to get the team on the same page for the big issues and promote idea sharing and synergy for upcoming projects.
- Measuring exposure through outreach activities
 - Received information on outreach exposure for the period June 2007 to June 2008. The information revealed 42 newspaper articles in North Dakota mentioning the PCOR Partnership and sequestration (mainly resulting from press releases) and 318,000 hits on the public Web site (i.e., a person visited the home page) and 65,000 public Web site

visitors – 85% of the Web activity was from China with nearly all of the rest from PCOR Partnership region, particularly in North Dakota.

- A large number of sites were found with links to the PCOR Partnership public Web site, and information will be developed on these (also, having partners link to the PCOR Partnership public Web site would bring people here for information).
- Currently reviewing the information and provided a list of questions regarding methods (e.g., are these all exterior hits) and a list of information requests as the basis of reports and PowerPoints.
- Documentaries
 - Met internally to review all Phase III documentary plans.
- Phase III documentaries
 - A preliminary list of video shots needed for documentaries was created.
 - An internal meeting will be scheduled to discuss scheduling for PPB filming for key demonstration site activities for the documentaries on the Phase III demonstration projects.

Task 3 – Permitting and NEPA Modeling (Lisa S. Botnen)

Highlights

- Various state, provincial, and regional GHG reduction and CCS initiatives are being tracked and analyzed.
- An update to the regulatory section of the DSS is under development.
- Work continues on the NEPA compliance document for the Williston Basin Test.
- Continued review of EPA's ANPR for regulating GHG emissions under the CAA.
- Completed development of a spreadsheet that compares and contrasts the EPA-proposed rules with WRI Guidelines and IOGCC model rules. Provided a draft of this document to interested PCOR Partnership members at the annual meeting.
- Development of comments on EPA's proposed rules for regulating geological sequestration under the UIC program continues.
- Participated in a conference call with a task force that is working on geologic sequestration legislation for the state of North Dakota.
- Legislative actions occurring in Congress continue to be followed and reviewed for any implications relating to carbon capture and storage.
- Recent publications relating to regulating CO₂ sequestration and MMV issues continue to be reviewed.
- Analysis of carbon market strategies continues.
- Frequent updates are provided to task leaders with regard to federal, state, and provincial actions.

Task 4 – Site Characterization and Modeling (James A. Sorensen)

Highlights

- Met with Spectra Energy, Natural Resources Canada, and Schlumberger in Minneapolis, Minnesota, on September 9, 10, and 11 to discuss the key elements of site characterization and the MMV plan for the Fort Nelson demonstration.

- Initiated the development of a Project Risk Assessment Plan for the Fort Nelson demonstration. Participants in the Fort Nelson Risk Assessment will include the EERC, Spectra Energy, Schlumberger, RPS Energy, Advanced Geotechnology, and Alberta Research Council.
- Development of the MMV plan for the Fort Nelson demonstration continued. Efforts were focused on gathering and evaluating subsurface geological data, including historical seismic data.
- Development of deliverable D42 entitled “Williston Basin Field Validation Test Experimental Design Package” continued. Efforts were primarily focused on using well log data and field-based observations to characterize the general geological conditions of an area in southwestern North Dakota that includes several oil fields being considered for CO₂-based enhanced oil recovery activities under Phase III.
- Regional characterization activities
 - Finalizing estimates of storage capacity of several saline formation systems in the Washburn Study Area of central North Dakota.
 - Updating the oil field data in the DSS continued. Working with relevant agencies in the states and provinces to facilitate the updating process.

Task 5 – Well Drilling and Completion (TBA)

- This task has not begun (Quarter 1 – BP 3; Year 2). Once activities are initiated, the information will be communicated and detailed in the quarterly progress report.

Task 6 – Infrastructure Development (Melanie D. Jensen)

Highlights

- Currently updating a list of global CCS demonstrations that are ongoing or planned. Such a list is being updated at the request of one of the PCOR Partnership partners at the annual meeting but will be made available to other partners as well.
- Performed some preliminary pipeline diameter sizing estimates for one of the PCOR Partnership project managers.
- Hosted the Capture, Compression, and Transportation Workshop in conjunction with the PCOR Partnership Annual Meeting in Minneapolis, Minnesota.
- Participated in the PCOR Partnership Annual Meeting in Minneapolis, Minnesota.
- Programmers formatted the capture technologies table so that it can be accessed via the Web, and the test Web site was edited. As soon as additional Web links to current research and/or demonstration results are added for each of the technologies, it will be made available to the PCOR Partnership partners on the DSS.
- Addressed comments, updated data, and formatted the revised regional CO₂ sources spreadsheet so that it could be linked with the DSS.
- Replacement speakers were identified for the Capture, Compression, and Transportation Workshop held in conjunction with the PCOR Partnership Annual Meeting.

Task 7 – CO₂ Procurement (John A. Harju)

Highlights

- Numerous discussions with potential CO₂ suppliers have taken place. Because of the sensitive nature of negotiations, specifics cannot be shared at the present time.

Task 8 – Transportation and Injection Operations (TBA)

- This task has not begun (Quarter 1 – BP 4; Year 3). Once activities are initiated, the information will be communicated and detailed in the quarterly progress report.

Task 9 – Operational Monitoring and Modeling (TBA)

- This task has not begun (Quarter 1 – BP 4; Year 3). Once activities are initiated, the information will be communicated and detailed in the quarterly progress report.

Task 10 – Site Closure (TBA)

- This task has not begun (Quarter 1 – BP 5; Year 9). Once activities are initiated, the information will be communicated and detailed in the quarterly progress report.

Task 11 – Postinjection Monitoring and Modeling (TBA)

- This task has not begun (Quarter 1 – BP 5; Year 9). Once activities are initiated, the information will be communicated and detailed in the quarterly progress report.

Task 12 – Project Assessment (Stephanie L. Wolfe)

- This task has not begun (Quarter 1 – BP 3; Year 2). Once activities are initiated, the information will be communicated and detailed in the quarterly and annual progress reports.
 - Future activities include the Project Assessment Annual Report due December 31, 2008.

Task 13 – Project Management (Edward N. Steadman)

Highlights

- A Risk Management Plan (RMP) outline is due within BP 3. An initial draft has been started for the RMP.
- The Project Management Plan (PMP) (deliverable D63) has been revised to include updates on deliverable/milestone submissions and planned risk management activities. The PMP and Statement of Project Objectives were originally submitted to DOE in December 2007; they were both updated and submitted on September 26.
- Current and pending CO₂-related projects within the PCOR Partnership region are continuously changing. To better inform our partners, a Web site is presently being developed to exhibit CO₂ projects by location, parties involved, and Web site links to learn more about them.

- Work is under way to provide our partners with a topical report on past, present, and future carbon market activities.
- Preparations for the Carbon Sequestration Development and Finance Summit (October 22–24, 2008: Houston, Texas) are currently under way.
 - The PCOR Partnership is participating in a carbon capture and technology showcase panel discussion on October 22, 2008.
- The following Deliverables/Milestones were completed in September.
 - M2: Task 1 – Demonstration Project Reporting System (DPRS) Prototype Completed
 - D1: Task 1 – Review of Source Attributes
- Upcoming Phase III Deliverables/Milestones for October
 - D58/D59: Task 13 – Quarterly Progress Report/Milestone Quarterly Report
- The following products related to the Phase III Fort Nelson Demonstration were approved for postponement on submission:

Title/Description	Original Due Date	Revision requested April 08	Revision requested June 08	Revision requested September 08
M3: Task 3 – Start Environmental Questionnaire for Williston Basin Test Site	3/31/08	6/30/08		
M4: Task 4 – Williston Basin Test Site Selected	3/31/08	6/30/08	12/31/08	
D28: Task 3 – Environmental Questionnaire – Williston Basin Test Site	6/30/08	7/31/08	1/30/09	
D12: Task 2 – Demonstration Web Pages on the Public Site	6/30/08	7/31/08		
D31: Task 4 – Williston Basin Test Site – Geological Characterization Experimental Design Package	6/30/08	8/29/08	2/28/09	
M8: Task 4 – Williston Basin Test Site Wellbore Leakage Data Collection Initiated	9/30/08	11/28/08	5/29/09	
M5: Task 4 – Data Collection Initiated for Williston Basin Site	6/30/08		12/31/08	
D29: Task 3 – Permitting Action Plan	9/30/08		3/31/09	
D66: Task 4 – Williston Basin Test Site – Simulation Report	3/31/09		6/30/09	
M9: Task 4 – Williston Basin Test Site Baseline Hydro Data Collection Completed	6/30/09		9/30/09	
M10: Task 10 – Williston Basin Test Site Wellbore Leakage Data Collection Completed	6/30/09		9/30/09	
Task 5 Initiated	10/01/08		1/1/09	
D67: Task 4 – Fort Nelson Test Site – Simulation Report	9/30/08			7/31/09
D40: Task 4 – Fort Nelson Test Site – Geomechanical Final Report	7/31/09			9/30/09

- Currently reviewing the EPA’s proposed rule regarding the injection of CO₂ for geologic storage, our partners will get a copy to review on October 3, 2008, before we submit our comments on October 15, 2008.

Travel/Meetings for Phases II and III

- September 16–18, 2008: PCOR Partnership Annual Meeting in Minneapolis, Minnesota.
- September 23–24, 2008: Underground Injection Control and CO₂ Geosequestration Seminar in Cincinnati, Ohio.
- September 25, 2008: Presented to the North Dakota Association of Oil and Gas Producing Counties Annual Meeting in Minot, North Dakota.
- September 29–30, 2008: EPA's Public Hearings (Phases II and III) in Chicago, Illinois.
- September 29 – October 2, 2008: Pittsburgh Coal Conference in Pittsburgh, Pennsylvania.
- October 6–8, 2008: Regional Carbon Sequestration Partnerships Initiative Review meeting in Pittsburgh, Pennsylvania.
- October 20–24, 2008: Attend the Infocast Carbon Capture Status & Outlook and Carbon Sequestration Development and Finance Summit meetings in Houston, Texas
- October 22–24, 2008: Carbon Sequestration Development and Finance Summit in Houston, Texas.
- October 26 –30, 2008: Present at a seminar on CCS hosted by RPS Energy in London, England.
- November 12–14, 2008: Carbon Market Insights Americas 2008 in Washington, D.C.
- November 16–21, 2008: AIChE National Meeting in Philadelphia, Pennsylvania.
- November 16–20, 2008: GHGT-9 in Washington, D.C.
- December 2–3, 2008: Meeting to discuss Trilateral (United States, Canada, and Mexico) CCS Effort in Houston, Texas.
- February 1–4, 2009: EUEC 2009 – Clean Air, Mercury, Global Warming & Renewable Energy in Phoenix, Arizona