

**MEETING SUMMARY  
MCR TECHNOLOGY TRANSFER TEAM  
STEERING COMMITTEE CONFERENCE CALL**

DATE: **February 4, 2009**  
TIME: 10:00 AM to 10:30 AM CST

ATTENDEES:

Alabama AML: **Larry Barwick**  
Alabama Surface Mining: **Randall Johnson**  
Arkansas Mining Division: **Greg Melton, Wayne Van Buren**  
Illinois Office of Mines and Minerals:  
Illinois AML: **Larry Lewis**  
Indiana Division of Reclamation: **John Richardson**  
Indiana AML: **Marvin Ellis, Todd Huff**  
Iowa Mining and Minerals Bureau:  
Kansas Surface Mining Section: **Tim Wilson, Marlene Spence**  
Louisiana Injection and Mining Division:  
Mississippi Mining and Reclamation Division:  
Missouri Land Reclamation Program:  
Oklahoma AML:  
Oklahoma Department of Mines:  
Texas Mining and Reclamation Division:  
OSM MCR: **Kimery Vories**  
OSM BFO:  
OSM TFO:  
OSM IFO:

**Significant updates in bold italics**

**Wayne Van Buren** reported that the NAAML P is still looking for papers for the upcoming annual meeting in Rogers AR September 28-30, 2009. He also described a pre-event float trip and mining tour that will be available. Contact Wayne or Tim Wilson for more details.

**Larry Lewis** reported for the **AMD Workshop for April 2010 in Indiana**. They are working on two possible locations. Contact Larry at (217) 524-6513 if you want to be involved in the planning of this event.

**ONGOING EFFORTS**

1. **OSM CCB Rulemaking** *OMB has returned the proposed rule to OSM with the instructions that it must be resubmitted for publication during the next administration. A bill has been entered in the US House of Representatives (HR 493) by Rahall to require Interior/OSM to amend SMCRA to regulate all coal ash impoundments including those 1400 operated by electric utilities. Randall Johnson reported that IMCC has submitted concerns about clarification of its effects on coal waste handling, funding of state programs, and appropriateness of SMCRA regulation.*
2. The Geomorphic Reclamation Forum is officially scheduled for April 28-30, 2008 in Bristol, VA. On-line registration is now available.
3. **2009 AML Conference will be September 24-30, 2009 in Rogers, AR**

4. **Applied Science Solicitation closed January 16, 2009.** OSM received 63 proposals 41 from the AR and 11 each from the WR and MR. Ranking of the top 16 is due from each of the three regional state tech transfer teams and one OSM ranking by February 27. The top ranked proposals will be scored by technical experts from the entire National TT team. The National TT team will conduct a consensus scoring April 8-9, 2009. Final awards should be announced in July, 2009.
5. **Indiana Bat Coordination Meetings** –This effort concerns improving consistency and effectiveness of protection and enhancement plans for Indiana Bats on SMCRA mine sites under the 1996 Biological Opinion. OSM members on the Working Group are Ian Dye and Craig Walker. State members are Tim Taylor from Indiana, Richard Wahrer from Kentucky and Bob Fala from West Virginia. *The group was provided a final plan for committee review during December. They plan to go public early in 2009.*
5. **Indiana Bat and Coal Mining Forum.** The steering committee is planning for a forum to be held the summer of 2010 in Charleston, WV with a full day field trip and a two day forum.
6. **White Nose Syndrome.** *According to an article in MSNBC today, the white nose syndrome in bats is spreading to at least 6 NE states. A recent report has documented at least one cave in West Virginia. This issue is of great concern to USFWS as it has proved devastating to bat populations in caves that have become infected with the white fungus. It has the potential to effect T & E issues like the Indiana Bat in coal states.*
7. **CCB Placement after new OSM CCB Rule Forum.** The steering committee is planning for a forum to be held during the last half of July 2010 in Morgantown, WV with a full day field trip and two day forum following publication of a proposed rule.
8. **Geomorphic Reclamation Forum.** The steering committee is continuing planning for a forum to be held April 28-30, 2009 in Bristol, VA with a full day field trip and two day forum. On line registration is now available at [ps://www.dce.siu.edu/index.php/Conferences/Geomorphic-Reclamation-and-Natural-Stream-Design-at-Coal-Mines](https://www.dce.siu.edu/index.php/Conferences/Geomorphic-Reclamation-and-Natural-Stream-Design-at-Coal-Mines)
9. **Ohio State University CCB Research** – MCR has been working with the OSM CCB regional team at the request of OSU to begin cooperating on an Ohio CCB research initiative to conduct case studies on the use of FGD in mine reclamation. OSM is currently drafting and MOU for this effort.
10. **American Society of Mining and Reclamation (ASMR) Annual Meeting** – WR staff are actively involved in assisting the planning for the meeting June 2009 in Billings Montana.
11. The new OSM **Technology Transfer Website** is a work in progress and can be accessed at [www.techtransfer.osmre.gov](http://www.techtransfer.osmre.gov). or by going to the MCR website at [www.mcrcc.osmre.gov](http://www.mcrcc.osmre.gov) and under the Links list clicking on “NT<sup>3</sup> OSM Technology Transfer.” *Please visit the applied science page to view final reports for past projects.*
12. **Next Conference Call** will be scheduled for March 26, 2009 at 10 AM CST.

**MEETING SUMMARY  
MCR TECHNOLOGY TRANSFER TEAM  
STEERING COMMITTEE CONFERENCE CALL**

DATE: **March 26, 2009**  
TIME: 10:00 AM to 10:30 AM CST

ATTENDEES:

Alabama AML:

Alabama Surface Mining: **Randall Johnson**

Arkansas Mining Division: **Greg Melton, Wayne Van Buren**

Illinois Office of Mines and Minerals:

Illinois AML:

Indiana Division of Reclamation:

Indiana AML:

Iowa Mining and Minerals Bureau:

Kansas Surface Mining Section: **Marlene Spence**

Louisiana Injection and Mining Division:

Mississippi Mining and Reclamation Division:

Missouri Land Reclamation Program:

Oklahoma AML:

Oklahoma Department of Mines:

Texas Mining and Reclamation Division: **Mark Schlimgen**

OSM MCR: **Kimery Vories, Len Meier**

OSM BFO:

OSM TFO:

OSM IFO:

**Significant updates in bold italics**

**Wayne Van Buren** reported that the NAAML P is still looking for papers for the upcoming annual meeting in Rogers AR September 28-30, 2009 as **they only have 6 to date**. Online registration should be available in early June. A pre-event float trip and mining tour is being planned. Contact Wayne or Tim Wilson for more details.

**Larry Lewis** submitted a report for the AMD Workshop for April 2010 in Indiana. They are working on two possible locations. Contact Larry at (217) 524-6513 if you want to be involved in the planning of this event.

**Randall Johnson** reported that EPA issued a statement that it is not placing a hold or moratorium on mining permits as suggested by the media. (Please see separate e-mail on this issue.)

**Len Meier** reported that there will be a MCR States meeting the first week of June in St. Louis. Please let your State representative know of any tech transfer issues that need to be addressed during this meeting. Len will try to get an agenda out soon so that travel requests can be prepared.

**Randall Johnson** asked about existing State regulations on leachate limits for CCB placement at SMCRA mines. Kim suggested he contact Greg Conrad as IMCC collected State program

requirements as part of their efforts about 3 years ago. Len Meier will see if we can get approval to send out the OSM proposed CCB rule which addresses our thinking on leachate characteristics.

### ONGOING EFFORTS

1. **OSM CCB Rulemaking** *OMB has returned the proposed rule to OSM with the instructions that it must be resubmitted for publication during the next administration. **The Rahall bill (HR 493) to require Interior/OSM to amend SMCRA to regulate all coal ash impoundments including those 1400 operated by electric utilities has been withdrawn after the commitment by EPA to submit a proposed rule by the end of 2009.***
2. **2009 AML Conference will be September 24-30, 2009 in Rogers, AR**
3. **Applied Science Solicitation.** *The top ranked proposals are being scored by technical experts from the entire National TT team. Marlene Spence reported that 19 of the 42 proposal reviews have been completed. The National TT team will conduct a consensus scoring April 8-9, 2009. Final awards should be announced in July, 2009.*
4. **Indiana Bat Coordination Meetings** –This effort concerns improving consistency and effectiveness of protection and enhancement plans for Indiana Bats on SMCRA mine sites under the 1996 Biological Opinion. OSM members on the Working Group are Ian Dye and Craig Walker. State members are Tim Taylor from Indiana, Richard Wahrer from Kentucky and Bob Fala from West Virginia. *The group was provided a final plan for committee review during December. They plan to go public early in 2009.*
5. **Indiana Bat and Coal Mining Forum.** The steering committee is planning for a forum to be held the summer of 2010 in Charleston, WV with a full day field trip and a two day forum.
6. **White Nose Syndrome.** *According to an article in MSNBC today, the white nose syndrome in bats is spreading to at least 6 NE states. A recent report has documented at least one cave in Pennsylvania, West Virginia and Virginia. This issue is of great concern to USFWS as it has proved devastating to bat populations in caves that have become infected with the white fungus. It has the potential to effect T & E issues like the Indiana Bat in coal states.*
7. **CCB Placement after new OSM CCB Rule Forum.** The steering committee is planning for a forum to be held during the last half of July 2010 in Morgantown, WV with a full day field trip and two day forum following publication of a proposed rule.
8. **Geomorphic Reclamation Forum.** The steering committee is continuing planning for a forum to be held April 28-30, 2009 in Bristol, VA with a full day field trip and two day forum. On line registration is now available at [ps://www.dce.siu.edu/index.php/Conferences/Geomorphic-Reclamation-and-Natural-Stream-Design-at-Coal-Mines](https://www.dce.siu.edu/index.php/Conferences/Geomorphic-Reclamation-and-Natural-Stream-Design-at-Coal-Mines) **There are 131 registered and the field trip is full.**
9. **Ohio State University CCB Research** – MCR has been working with the OSM CCB regional team at the request of OSU to begin cooperating on an Ohio CCB research initiative to conduct case studies on the use of FGD in mine reclamation. OSM is currently drafting and MOU for this effort.
10. **American Society of Mining and Reclamation (ASMR) Annual Meeting** – WR staff are actively involved in assisting the planning for the meeting June 2009 in Billings Montana. The AR staff will be the hosts in Pittsburgh, PA in 2010.
11. The new **OSM Technology Transfer Website** is a work in progress and can be accessed at [www.techtransfer.osmre.gov](http://www.techtransfer.osmre.gov). or by going to the MCR website at [www.mcrcc.osmre.gov](http://www.mcrcc.osmre.gov)

and under the Links list clicking on “NT<sup>3</sup> OSM Technology Transfer.” *Please visit the applied science page to view final reports for past projects.*

**12. Next Conference Call** will be scheduled for May 27, 2009 at 10 AM CST.

**MEETING SUMMARY  
MCR TECHNOLOGY TRANSFER TEAM  
STEERING COMMITTEE CONFERENCE CALL**

DATE: **May 27, 2009**  
TIME: 10:00 AM to 10:30 AM CDT  
ATTENDEES:  
Alabama AML:  
Alabama Surface Mining:  
Arkansas Mining Division: **Greg Melton, Wayne Van Buren**  
Illinois Office of Mines and Minerals:  
Illinois AML: **Larry Lewis**  
Indiana Division of Reclamation:  
Indiana AML:  
Iowa Mining and Minerals Bureau:  
Kansas Surface Mining Section: **Marlene Spence**  
Louisiana Injection and Mining Division:  
Mississippi Mining and Reclamation Division: **Stan Thieling, Lonnie Barrier**  
Missouri Land Reclamation Program:  
Oklahoma AML:  
Oklahoma Department of Mines:  
Texas Mining and Reclamation Division:  
OSM MCR: **Kimery Vories, Len Meier**  
OSM BFO:  
OSM TFO:  
OSM IFO:

**Significant updates in bold italics**

**Wayne Van Buren** reported that the NAAML P is still looking for papers for the upcoming annual meeting in Rogers AR September 28-30, 2009 as **they have 25 to date looking for 10 more**. Online registration should be available in early June. A pre-event float trip and mining tour is being planned. Contact Wayne or Tim Wilson for more details.

**MCR States Meeting TT Panel Discussion** Len Meier reported on the plans for the panel discussion. Murray Balk, Wayne Van Buren, Larry Lewis, and Stan Thieling have agreed to serve on the panel to try to address new priorities and directions for the technology transfer efforts for the region.

**Larry Lewis** reported for the AMD Workshop for April 2010 in Indiana. They are investigating possible field sites and meeting locations. Larry hopes to have plans for a date and meeting location on the next call. Contact Larry at (217) 524-6513 if you want to be involved in the planning of this event.

**ONGOING EFFORTS**

1. **OSM CCB Rulemaking** *OMB has returned the proposed rule to OSM with the instructions that it must be resubmitted for publication during the next administration.*
2. **2009 AML Conference will be September 24-30, 2009 in Rogers, AR**

3. **Applied Science Solicitation.** *Awaiting the decision by OSM CLT. Should be announced by early June. Final awards should be announced in July, 2009.*
4. **Indiana Bat Coordination Meetings** –This effort concerns improving consistency and effectiveness of protection and enhancement plans for Indiana Bats on SMCRA mine sites under the 1996 Biological Opinion. OSM members on the Working Group are Ian Dye and Craig Walker. State members are Tim Taylor from Indiana, Richard Wahrer from Kentucky and Bob Fala from West Virginia. *They plan to go public by mid 2009.*
5. **Indiana Bat and Coal Mining Forum.** The steering committee is planning for a forum to be held the summer of 2010 in Charleston, WV with a full day field trip and a two day forum.
6. **White Nose Syndrome.** *The white nose syndrome in bats has spread to at least 6 NE states. This issue is of great concern to USFWS as it has proved devastating to bat populations in caves that have become infected with the white fungus. It has the potential to effect T & E issues like the Indiana Bat and the Gray Bat in coal states. BCI predicts that WNS may be in the Midwest states by next winter.*
7. **CCB Placement after new OSM CCB Rule Forum.** The steering committee is planning for a forum to be held during the last half of July 2010 in Morgantown, WV with a full day field trip and two day forum following publication of a proposed rule.
8. **Geomorphic Reclamation Forum.** *There were 189 participants at the forum. On a scale of 1-5 the event was scored at 4.0 or very successful. The content of the forum was excellent. Differences of application between regions of the country were very evident emphasizing the importance of region specific workshops for future events. Plan to have the speaker PowerPoint's on the TT website in early June and have the proceedings published later this year.*
9. **Ohio State University CCB Research** – MCR has been working with the OSM CCB regional team at the request of OSU to begin cooperating on an Ohio CCB research initiative to conduct case studies on the use of FGD in mine reclamation. OSM is currently drafting and MOU for this effort.
10. **American Society of Mining and Reclamation (ASMR) Annual Meeting** – WR staff are actively involved in assisting the planning for the meeting June 2009 in Billings Montana. The AR staff will be the hosts in Pittsburgh, PA in 2010.
11. The new **OSM Technology Transfer Website** is a work in progress and can be accessed at [www.techtransfer.osmre.gov](http://www.techtransfer.osmre.gov). or by going to the MCR website at [www.mcrcc.osmre.gov](http://www.mcrcc.osmre.gov) and under the Links list clicking on “NT<sup>3</sup> OSM Technology Transfer.” *Please visit the applied science page to view final reports and Fact Sheets for past projects.*
12. **Next Conference Call** will be scheduled for July 23, 2009 at 10 AM CDT.

**MEETING SUMMARY  
MCR TECHNOLOGY TRANSFER TEAM  
STEERING COMMITTEE CONFERENCE CALL**

DATE: **July 23, 2009**  
TIME: 10:00 AM to 10:30 AM CDT

ATTENDEES:

Alabama AML: **Larry Barwick**

Alabama Surface Mining:

Arkansas Mining Division: **Greg Melton, Wayne Van Buren**

Illinois Office of Mines and Minerals:

Illinois AML:

Indiana Division of Reclamation: **Todd Huff**

Indiana AML: **Laura Montgrain**

Iowa Mining and Minerals Bureau: **Judith Krebsbach**

Kansas Surface Mining Section: **Marlene Spence**

Louisiana Injection and Mining Division:

Mississippi Mining and Reclamation Division: **Stan Thieling, Lonnie Barrier, Mike Bograd**

Missouri Land Reclamation Program:

Oklahoma AML:

Oklahoma Department of Mines: **Tekleab Tsegay**

Texas Mining and Reclamation Division: **Mark Schlimgen**

OSM MCR: **Kimery Vories, Len Meier**

OSM BFO:

OSM TFO:

OSM IFO:

**Significant updates in bold italics**

**Wayne Van Buren** reported that the NAAML P has 35 technical papers for the upcoming annual meeting in Rogers AR September 28-30, 2009. Online registration is available. Contact Wayne or Tim Wilson for more details.

**Laura Montgrain** submitted a report for the AMD Workshop for April 13-14, 2010 in Evansville, Indiana. The team is currently making arrangements with the event hotel. The team should have a lot more information about the field sites and program at the next call. Contact Larry Lewis at (217) 524-6513 if you want to be involved in the planning of this event.

*Event themes currently under consideration include:*

- *Planning for AMD remediation. Bring us your problem in terms of water quality values, flow, etc., including physical constraints, and let the group work on and discuss the problem.*
- *Update on work in your state including planned or completed.*
- *Bio-reactors: successes, limitations and failures, issues, etc.*

**State Specific Geomorphic Reclamation Workshops** *Mississippi and Kansas has expressed an interest in conducting a more region specific training session focusing on technologies that would be useful in Midwestern settings. Stan Thieling said that Mississippi might consider holding such an*

event in 2010 and will get back with Kim after they have a chance to discuss it internally. **Marlene Spence** will communicate with Murray Balk to see if Kansas is still interested.

## **ONGOING EFFORTS**

1. **OSM CCB Rulemaking** OMB has returned the proposed rule to OSM with the instructions that it must be resubmitted for publication during the next administration.
2. **2009 NAAML P Conference will be September 24-30, 2009 in Rogers, AR**
3. **Applied Science FY 2009 Projects. 8 projects are now posted on the NTTT Website at <http://amd.osmre.gov/ttcalroot/AppliedScience.aspx>.** The top 9 recommended **Underground Mine Mapping** projects will be funded for this fiscal year.
4. **Indiana Bat Coordination Meetings** –This effort concerns improving consistency and effectiveness of protection and enhancement plans for Indiana Bats on SMCRA mine sites under the 1996 Biological Opinion. ***The Press Release is still scheduled for July.***
5. **Protecting Bats at Coal Mines Forum.** The steering committee is planning for a forum to be held the fall of 2010 in Charleston, WV with a full day field trip and a 2.5 day forum.
6. **White Nose Syndrome** – *Now occurs in 65 caves in 9 states. Killed up to 1 million bats since outbreak in 2007. Caves on Federal lands in 33 states have been closed. Many States are closing caves on State lands. Plans are being prepared to raise some endangered species (Virginia Big Eared Bat) in captivity in an attempt to save them.*
7. **CCB Placement after new OSM CCB Rule Forum.** The steering committee is planning for a forum to be held during the last half of July 2011 in Morgantown, WV with a full day field trip and two day forum following publication of a proposed rule.
8. **American Society of Mining and Reclamation (ASMR) Annual Meeting** –The AR staff will be the hosts in Pittsburgh, PA in 2010.
9. **IMCC Work continues on the benchmarking workshop scheduled for late October on e-permitting and mobile computing.** *A conference call of the presenters at the workshop is set for July 23. At that time, a final decision will be made on moving forward with the workshop. We may decide to send out a pre-registration memo first to gauge participation in light of state travel restrictions.*
10. **Appalachia Region Reforestation Initiative (ARRI)** will hold the 3<sup>rd</sup> Annual reforestation conference in Jenny Wiley State Park, near in Prestonsburg, KY August 4-6, 2009. Web site for this event is [http://arri.osmre.gov/Events/AN\\_CONF/MLRC2009.htm](http://arri.osmre.gov/Events/AN_CONF/MLRC2009.htm)
11. **Stray Gas Workshop** will be held on November 4-6, 2009 in Pittsburgh, PA. *This workshop will focus on the scientific basis for assessment of and various types of fingerprinting for stray or fugitive gases. Gas accumulation can lead to problems where the fugitive nature of gases is a major safety concern. Tools and strategies for investigating stray gases, along with case histories, will be presented by scientists and specialists whose work has focused on the origins, mitigation, and accumulation of gases. The workshop will have emphasis on carbon dioxide and methane; the implications for safety, mitigation, and management of subsurface resources also will be addressed. Sponsors for the workshop are USGA, Pittsburgh Geological Society, Pennsylvania Department of Environmental Protection and OSM. Further information can be found at [http://pa.water.usgs.gov/stray\\_gas/](http://pa.water.usgs.gov/stray_gas/)*
12. The new **OSM Technology Transfer Website** is a work in progress and can be accessed at [www.techtransfer.osmre.gov](http://www.techtransfer.osmre.gov). or by going to the MCR website at [www.mcrcc.osmre.gov](http://www.mcrcc.osmre.gov) and under the Links list clicking on “NT<sup>3</sup> OSM Technology Transfer.” ***Please visit the applied science page to view final reports for past projects.***
13. **Next Conference Call** will be scheduled for September 22, 2009 at 10 AM CDT.

**MEETING SUMMARY  
MCR TECHNOLOGY TRANSFER TEAM  
STEERING COMMITTEE CONFERENCE CALL**

DATE: **September 22, 2009**  
TIME: 10:00 AM to 10:30 AM CDT

ATTENDEES:

Alabama AML:

Alabama Surface Mining: **Randall Johnson**

Arkansas Mining Division: **Greg Melton, Wayne Van Buren**

Illinois Office of Mines and Minerals:

Illinois AML: **Larry Lewis**

Indiana Division of Reclamation:

Indiana AML:

Iowa Mining and Minerals Bureau:

Kansas Surface Mining Section: **Tim Wilson, Murray Balk**

Louisiana Injection and Mining Division:

Mississippi Coal Mining Division: **Stan Thieling, Lonnie Barrier, Mike Bograd**

Missouri Land Reclamation Program:

Oklahoma AML:

Oklahoma Department of Mines:

Texas Mining and Reclamation Division:

OSM MCR: **Kimery Vories,**

OSM BFO:

OSM TFO:

OSM IFO:

**Significant updates in bold italics**

**Wayne Van Buren** and **Tim Wilson** reported that registration for the upcoming NAAMLPI meeting in Rogers AR September 28-30, 2009 should be around 150. Everything looks well for the field trips and conference.

**Larry Lewis AMD Workshop 2010 Update** April 13-14, 2010 Evansville IN. Each day will include part of each day in the field & classroom. Field transportation will be provided. Theme will emphasize passive treatment bio-reactors. Need more talks of this and other current topics. Contact Larry with any suggestions.

**State Specific Geomorphic Reclamation Workshops** Mississippi and Kansas has expressed an interest in conducting a more region specific training session focusing on technologies that would be useful in Midwestern settings. Kim plans to get Nick Grant involved in planning these for 2010 as soon as he gets back to work in mid-October.

**ONGOING EFFORTS**

- 1. CCC Letter of Intent to Sue OSM to take over PA program related to placement of CCBs at coal mines**
- 2. 3 Environmental groups Letter of Intent to Sue EPA related failure to regulate water quality from CCB impoundments and landfills.**

3. **EPA CCB proposed rule to OMB on landfills and impoundments.**
4. **OSM CCB Rulemaking** OMB has returned the proposed rule to OSM with the instructions that it must be resubmitted for publication during the next administration.
5. **Applied Science FY 2010. Solicitation will be posted on the NTTT Website at <http://amd.osmre.gov/ttcalroot/AppliedScience.aspx>. October 1, 2009.**
6. **Indiana Bat Coordination Meetings –*The Press Release was announced September 2. The guidance plan will be posted on the NTTT website.***
5. **Protecting Bats at Coal Mines Forum.** The steering committee is planning for a forum to be held the fall of 2010 in Charleston, WV with a full day field trip and a 2.5 day forum.
6. **White Nose Syndrome** – Now occurs in 65 caves in 9 states. Killed up to 1 million bats since outbreak in 2007. Caves on Federal lands in 33 states have been closed. Many States are closing caves on State lands. Plans are being prepared to raise some endangered species (Virginia Big Eared Bat) in captivity in an attempt to save them.
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8. **American Society of Mining and Reclamation (ASMR) Annual Meeting** –The AR staff will be the hosts in Pittsburgh, PA in 2010.
9. **IMCC Work continues on the *benchmarking workshop* scheduled for late October on *e-permitting and mobile computing*.** A conference call of the presenters at the workshop is set for July 23. At that time, a final decision will be made on moving forward with the workshop. We may decide to send out a pre-registration memo first to gauge participation in light of state travel restrictions.
10. **Stray Gas Workshop** will be held on November 4-6, 2009 in Pittsburgh, PA. This workshop will focus on the scientific basis for assessment of and various types of fingerprinting for stray or fugitive gases. Gas accumulation can lead to problems where the fugitive nature of gases is a major safety concern. Tools and strategies for investigating stray gases, along with case histories, will be presented by scientists and specialists whose work has focused on the origins, mitigation, and accumulation of gases. The workshop will have emphasis on carbon dioxide and methane; the implications for safety, mitigation, and management of subsurface resources also will be addressed. Sponsors for the workshop are USGA, Pittsburgh Geological Society, Pennsylvania Department of Environmental Protection and OSM. Further information can be found at [http://pa.water.usgs.gov/stray\\_gas/](http://pa.water.usgs.gov/stray_gas/)
11. The new OSM **Technology Transfer Website** is a work in progress and can be accessed at [www.techtransfer.osmre.gov](http://www.techtransfer.osmre.gov). or by going to the MCR website at [www.mcrc.org](http://www.mcrc.org) and under the Links list clicking on “NT<sup>3</sup> OSM Technology Transfer.” ***Please visit the applied science page to view final reports for past projects.***
12. **Next Conference Call** will be scheduled for November 12, 2009 at 10 AM CDT.