

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

DATE: **February 23, 2012**
TIME: 10:00 AM to 10:30 AM CST

ATTENDEES: In Bold

Alabama AML: Larry Barwick, Michael Vinson

Alabama Surface Mining: Randall Johnson

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

Illinois Office of Mines and Minerals: Dean Spindler

Illinois AML: **Larry Lewis**

Indiana Division of Reclamation: Todd Huff

Indiana AML: Marvin Ellis

Iowa Mining and Minerals Bureau: Judith Krebsbach, Mike Worland

Kansas Surface Mining Section: **Marlene Spence, Murray Balk**

Louisiana Injection and Mining Division: Dale Bergquist

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

Missouri Land Reclamation Program: Larry Teson

Oklahoma AML: Mike Sharp

Oklahoma Department of Mines: Tekleab Tsegay, Goran Randinovick

Texas Mining and Reclamation Division: Mark Schlimgen

OSM MCR: **Kimery Vories**, Nick Grant

OSM BFO: Sherry Wilson, Linda Williamson

OSM TFO: Al Clayborne

OSM IFO: Andrew Gilmore

Significant updates in bold italics

The purpose of the call is to initiate a discussion and planning for the following MCR Topics:

- (1) **OSM published an Applied Science solicitation for 2012 on October 1, 2011.** OSM received 11 proposals 5 AR, 4 WR, and 2 MCR. **Scoring of the proposals will be completed early in April.**
- (2) **OSM/ASMR Technical Sessions at 2012 Annual Meeting in Tupelo, MS. MCR has submitted abstracts for 6 presentations each for two special technical sessions:**
 - (1) ACID MINE DRAINAGE MITIGATION CASE STUDIES IN THE ILLINOIS COAL BASIN
 - (2) NATURAL STREAM DESIGN FOR THE MIDWEST
 - (3) Plenary Session Speaker on OSM Stream Protection Rule
- (3) OSM is assisting with **NAAML P September 23-26, 2012 annual Meeting in Des Moines, IA.**
- (4) A **Blasting Workshop** is being planned by AR for September 5-6, 2012 at the MSHA Academy in Beckley, WV. The workshop will focus on open discussions on how to better apply the science of blasting, critique and approve blast plans, evaluate compliance with the performance standards, keep records, certify blasters and take and defend enforcement

actions. All regions are encouraged to participate. Most of the states should be able to stay at the academy free of charge through the MSHA/states cooperative agreement. **Kim will obtain registration information and send to the team.**

- (5) TIPS has a new piece of equipment available to state, tribal, and OSM SMCRA partner offices, it is a **Topcon IS Imaging Total Station**. The Total Station is a tripod-mounted pulse-laser, photo scanning device that can pivot on its tripod to accurately generate a three-dimensional point-cloud of data for a mine or AML site. The data is easily converted into CAD, GIS, earthVision, or even Microsoft Excel format for map making and volume calculation. This has been an item of high-demand by state offices for site design and regrading. It is now available through TIPS. Just contact your TIPS Service Manager or either Duane Matt in the Western Region or Mike Richmond in the Charleston, West Virginia Field Office to arrange for training and use of the device. **Kim will obtain technical info or literature on this equipment and send to the team.**
- (6) The **IN-SITU processing team** is still developing guidelines for future in-situ processing projects. The team hopes to have a set of guidelines (draft) by late spring.

ONGOING EFFORTS

1. **EPA CCR proposed rule to OMB on landfills and impoundments.** EPA has published a proposed rule June 21, 2010 with two possible options, either under Subtitle C hazardous waste or Subtitle D solid waste. **The Notice of Data Availability (NODA) on the EPA's proposal on disposal of coal combustion residuals was published in the Federal Register on October 12. The comment period ended November 14, 2011. EPA is being sued by enviros for lack of action. No news on when or what EPA will ultimately propose.**
2. **OSM CCR Rulemaking.** The proposed rule and EA were submitted for solicitor review in mid February. **Publication of a proposed rule is scheduled for July 2012.**
3. **OSM Stream Protection Rulemaking** OSM is internally reviewing the proposed rule and is writing the EIS. **Publication of the proposed rule is scheduled for June of 2012.**
4. **OSM/BLM merger plan submitted to Secretary of Interior February 15, 2012. No response to date.**
5. **Next Conference Call** will be scheduled for **April 18, 2012** at 10 AM CST.

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

DATE: **April 18, 2012**
TIME: 10:00 AM to 10:30 AM CST

ATTENDEES: In Bold

Alabama AML: Larry Barwick, Michael Vinson

Alabama Surface Mining: Randall Johnson

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

Illinois Office of Mines and Minerals: Dean Spindler

Illinois AML: Larry Lewis, **Mary Lou Flowers**

Indiana Division of Reclamation: Todd Huff

Indiana AML: Marvin Ellis

Iowa Mining and Minerals Bureau: Judith Krebsbach, Mike Worland

Kansas Surface Mining Section: **Marlene Spence**, Murray Balk

Louisiana Injection and Mining Division: Dale Bergquist

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

Missouri Land Reclamation Program: Larry Teson

Oklahoma AML: Mike Sharp

Oklahoma Department of Mines: Tekleab Tsegay, Goran Randinovick

Texas Mining and Reclamation Division: **John Caudle**

OSM MCR: **Kimery Vories**, Nick Grant

OSM BFO: Sherry Wilson, Linda Williamson

OSM TFO: Al Clayborne

OSM IFO: Andrew Gilmore

Significant updates in bold italics

The purpose of the call is to initiate a discussion and planning for the following MCR Topics:

- (1) OSM published an Applied Science solicitation for 2012 on October 1, 2011.** OSM received 11 proposals 5 AR, 4 WR, and 2 MCR. **Scoring of the proposals has been completed. The list of proposals by region is attached.**
- (2) OSM/ASMR Technical Sessions at 2012 Annual Meeting in Tupelo, MS. MCR has submitted abstracts for 6 presentations each for two special technical sessions:**
 - (1) ACID MINE DRAINAGE MITIGATION CASE STUDIES IN THE ILLINOIS COAL BASIN
 - (2) NATURAL STREAM DESIGN FOR THE MIDWEST
 - (3) Plenary Session Speaker on OSM Stream Protection Rule
- (3) OSM is assisting with NAAML P September 23-26, 2012 annual Meeting in Des Moines, IA.**
- (4) A Blasting Workshop** is being planned by AR for **September 5-6, 2012** at the MSHA Academy in Beckley, WV. The workshop will focus on open discussions on how to better apply the science of blasting, critique and approve blast plans, evaluate compliance with the performance standards, keep records, certify blasters and take and defend enforcement

actions. All regions are encouraged to participate. Most of the states should be able to stay at the academy free of charge through the MSHA/states cooperative agreement. **There are 50 slots that are available. Lodging and meals will be provided by the MSHA academy. Send me the names and e-mail addresses of staff wishing to attend by May 4. I will forward this to the AR staff organizers.**

ONGOING EFFORTS

- 1. EPA CCR proposed rule to OMB on landfills and impoundments.** EPA has published a proposed rule June 21, 2010 with two possible options, either under Subtitle C hazardous waste or Subtitle D solid waste. **EPA is being sued by enviros and ash recyclers for lack of action. No news on when or what EPA will ultimately propose.**
- 2. OSM CCR Rulemaking.** The proposed rule and EA were submitted for solicitor review in mid February. **Publication of a proposed rule is scheduled for July 2012.**
- 3. OSM Stream Protection Rulemaking** OSM is internally reviewing the proposed rule and is writing the EIS. **Publication of the proposed rule is scheduled for June of 2012.**
- 4. Indiana Bat Guidance Document Survey.** A survey was sent to the FWS, OSM, states, and industry to assess how the guidance document was working. The survey results have been completed and the original guidance document development team has been re-activated to determine if changes need to be made. The current schedule is to have any changes implemented by September of 2012.
- 5. Next Conference Call** will be scheduled for **June 26, 2012** at 10 AM CST.

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

DATE: **June 26, 2012**
TIME: 10:00 AM to 10:30 AM CST

ATTENDEES: In Bold

Alabama AML: Larry Barwick, Michael Vinson
Alabama Surface Mining: Randall Johnson
Arkansas Mining Division: **Greg Melton**, Wayne Van Buren
Illinois Office of Mines and Minerals: Dean Spindler
Illinois AML: **Larry Lewis**, Mary Lou Flowers
Indiana Division of Reclamation: Todd Huff
Indiana AML: **Marvin Ellis**
Iowa Mining and Minerals Bureau: Judith Krebsbach, Mike Worland
Kansas Surface Mining Section: **Marlene Spence, Murray Balk**
Louisiana Injection and Mining Division: Dale Bergquist
Mississippi Coal Mining Division: **Stan Thieling**, Andrew Hitchcock, Lonnie Barrier, Mike Bograd
Missouri Land Reclamation Program: Larry Teson
Oklahoma AML: Mike Sharp
Oklahoma Department of Mines: **Tekleab Tsegay**, Goran Randinovick
Texas Mining and Reclamation Division: John Caudle, **Stephanie Reed**
OSM MCR: **Kimery Vories**, Nick Grant
OSM BFO: Sherry Wilson, Linda Williamson
OSM TFO: Al Clayborne
OSM IFO: Andrew Gilmore

Significant updates in bold italics

The purpose of the call is to initiate a discussion and planning for the following MCR Topics:

- (1) **OSM published an Applied Science solicitation for 2012 on October 1, 2011.** OSM has selected 6 projects for funding during FY 2012. They include:

Title	PI	Institution	OSM Funds	Total Funds
Assessing Geomorphic Reclamation in Valley Fill Design for West Virginia	Leslie C. Hopkinson	West Virginia University	\$148,858	\$200,000
Geotechnical Properties and Flow Behavior of Coal Refuse under Static and Impact Loading	David Zeng	Case Western Reserve University	\$199,460	\$266,662
Blasting Effects on Coal Refuse Impoundment Structures	Braden Lusk	University of Kentucky	\$200,000	\$405,000
Underground Coal Gasification: Water-Quality Hazards and Risk Mitigation Strategies	Joshua White	Lawrence Livermore National Laboratory	\$200,000	\$200,000
Evaluation of Geomorphic Reclamation Performance and	Mark C. Stone	University of New Mexico	\$199,675	\$417,561

Models in the Southwestern United States		(Hispanic)		
Low-cost, Green Technology to Improve Water Quality in Mining-Impacted Ecosystems, Phase I – Model Development and Optimization	Xingmao Ma	Southern Illinois University	\$199,946	\$427,099

(2) **OSM/ASMR Technical Sessions at 2012 Annual Meeting in Tupelo, MS.** There were apx 185 in attendance. The two OSM sessions were well attended with good discussions. The field trips to the two mines were excellent but unfortunately poorly attended.

(3) OSM is assisting with **NAAML P September 23-26, 2012 annual Meeting in Des Moines, IA.**

(4) A **Blasting Workshop** is being planned by AR for **September 5-6, 2012** at the MSHA Academy in Beckley, WV. The names of MCR staff submitted for attendance include:

William Kitchens (AL)

Wallace Thacker (AR)

Lonnie Barrier (MS)

Ben Nsiah (OSM)

Chris Kiser (OSM)

Stephen Partney (OSM)

Please let me know ASAP if other staff should attend.

ONGOING EFFORTS

1. **EPA CCR proposed rule to OMB on landfills and impoundments.** EPA has published a proposed rule June 21, 2010 with two possible options, either under Subtitle C hazardous waste or Subtitle D solid waste. **EPA is being sued by enviros and ash recyclers for lack of action. No news on when or what EPA will ultimately propose.**

2. **OSM CCR Rulemaking.** The proposed rule and EA were submitted for solicitor review in mid February. **Publication of a proposed rule is scheduled for November 2012.**

3. **OSM Stream Protection Rulemaking** OSM is internally reviewing the proposed rule and is writing the EIS. **Publication of the proposed rule is scheduled for November 2012.**

4. **Indiana Bat Guidance Document Survey.** A survey was sent to the FWS, OSM, states, and industry to assess how the guidance document was working. The survey results have been completed and the original guidance document development team has been re-activated to determine if changes need to be made. The current schedule is to have any changes implemented by September of 2012.

5. Next Conference Call will be scheduled for **August 28, 2012** at 10 AM CST.

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

DATE: **August 28, 2012**
TIME: 10:00 AM to 10:15 AM Central Time

ATTENDEES: In Bold

Alabama AML: Larry Barwick, Michael Vinson

Alabama Surface Mining: Randall Johnson

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

Illinois Office of Mines and Minerals: Dean Spindler

Illinois AML: Mary Lou Flowers

Indiana Division of Reclamation: Todd Huff

Indiana AML: Marvin Ellis

Iowa Mining and Minerals Bureau: Judith Krebsbach, Mike Worland

Kansas Surface Mining Section: Marlene Spence, Murray Balk

Louisiana Injection and Mining Division: Judith Stoute

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

Missouri Land Reclamation Program: Larry Teson

Oklahoma AML: Mike Sharp

Oklahoma Department of Mines: Tekleab Tsegay, Goran Randinovick

Texas Mining and Reclamation Division: **John Caudle**, Stephanie Reed

OSM MCR: **Kimery Vories**, Nick Grant

OSM BFO: Sherry Wilson, Linda Williamson

OSM TFO: Al Clayborne

OSM IFO: Andrew Gilmore

Significant updates in bold italics

The purpose of the call is to initiate a discussion and planning for the following MCR Topics:

- (1) OSM is assisting with **NAAML P September 23-26, 2012 annual Meeting** in Des Moines, IA.
- (2) OSM has reactivated the **Coal Combustion Residue Forum team** to begin working on a national forum for 2014. The team will have its first conference call September 19, 2012.

ONGOING EFFORTS

1. **EPA CCR proposed rule to OMB on landfills and impoundments.** EPA published a proposed rule June 21, 2010 with two possible options, either under Subtitle C hazardous waste or Subtitle D solid waste. **EPA is being sued by enviros and ash recyclers for lack of action. No news on when or what EPA will ultimately propose.**
2. **OSM CCR Rulemaking.** The proposed rule and EA are still in solicitor review. **Publication of a proposed rule is scheduled for November 2012.**

3. **OSM Stream Protection Rulemaking** OSM is internally reviewing the proposed rule and is writing the EIS. **Publication of the proposed rule is no longer scheduled for 2012.**
4. **Indiana Bat Guidance Document Survey.** A survey was sent to the FWS, OSM, states, and industry to assess how the guidance document was working. The survey results have been completed and the original guidance document development team has been re-activated to determine if changes need to be made.
5. **Next Conference Call** will be scheduled for **October 18, 2012** at 10 AM Central Time

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

DATE: **October 18, 2012**
TIME: 1:00 PM to 1:15 PM Central Time

ATTENDEES: In Bold

Alabama AML: Michael Vinson

Alabama Surface Mining: Randall Johnson

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

Illinois Office of Mines and Minerals: Dean Spindler

Illinois AML: Mary Lou Flowers

Indiana Division of Reclamation: Todd Huff

Indiana AML: Marvin Ellis

Iowa Mining and Minerals Bureau: **Judith Krebsbach**, Mike Worland

Kansas Surface Mining Section: **Marlene Spence**, Murray Balk

Louisiana Injection and Mining Division: Judith Stoute

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

Missouri Land Reclamation Program: Larry Teson

Oklahoma AML: Mike Sharp

Oklahoma Department of Mines: Tekleab Tsegay, Goran Randinovick

Texas Mining and Reclamation Division: **John Caudle**, Stephanie Reed

OSM MCR: **Kimery Vories**, Nick Grant

OSM BFO: Sherry Wilson, Linda Williamson

OSM TFO: Al Clayborne

OSM IFO: Andrew Gilmore

Significant updates in bold italics

The purpose of the call is to initiate a discussion and planning for the following MCR Topics:

- (1) OSM is sponsoring a national forum on Geomorphic Reclamation in Albuquerque, NM in September of 2013.
- (2) OSM has reactivated the **Coal Combustion Residue Forum team** to begin working on a national forum for 2014.

ONGOING EFFORTS

1. **EPA CCR proposed rule to OMB on landfills and impoundments.** EPA published a proposed rule June 21, 2010 with two possible options, either under Subtitle C hazardous waste or Subtitle D solid waste. **EPA is being sued by enviros and ash recyclers for lack of action. Most recent news is that a rulemaking is at least a year of more out.**
2. **OSM CCR Rulemaking.** The proposed rule and EA are still in solicitor review. **Publication of a proposed rule is scheduled for January 2013.**

- 3. OSM Stream Protection Rulemaking** OSM is internally reviewing the proposed rule and is writing the EIS. **Publication of the proposed rule is no longer scheduled for 2012.**
- 4. Indiana Bat Guidance Document Survey.** A survey was sent to the FWS, OSM, states, and industry to assess how the guidance document was working. The survey results have been completed and the original guidance document development team is trying to determine if changes need to be made.
- 5. Next Conference Call** will be scheduled for **December 11, 2012** at 10 AM Central Time

NATIONAL TECHNOLOGY TRANSFER TEAM
MEETING SUMMARY

November 20, 2012

1:00 – 2:00 PM Central Time

Participants

AR – Arielle Avishai, **Lois Uranowski, David Lane, Jeff Trump**

HDQ – **Josh Rockwell**

MCR – **Kimery Vories** (Team Leader)

WR – **Duane Matt**

TIPS – **Lou Hamm**

NTTP – **Tom Hines**

IMCC – **Greg Conrad**

WEIB – **Dave Berry**

NAAMLPL – John Koerth

WR Report

- WR (Duane Matt) continues to work with Kim Vories on a future **geomorphic reclamation conference** and getting speakers for an upcoming ASMR geomorphic reclamation track.
- WR is soliciting ideas from the WRTT in response to the national request for **future applied science topics**.
- WR continues to plan ahead for future **service manager meetings**, and, to meet future requests for technical assistance.
- The WRTT will have its **monthly meeting** on 11/27/12.

AR Report:

- The **ARTT team meeting** is scheduled for January 23-24, 2013 at MSHA academy in Beckley, WV.
- On October 31st a presentation on applying geomorphic reclamation in mined lands was made at the **2012 West Virginia University Water Conference**.

MCR Report

- **ASMR Geomorphic Reclamation Session(s) June 2013** – AR, WR, and MCR are all soliciting Geomorphic Reclamation and Natural Stream Design talks for OSM special session(s). Abstracts need to be in to ASMR by November 30, 2012. ASMR is working on field trip possibilities.
- **Indiana Bat Permitting Guidance Document** The technical team has completed their recommendations for improving the joint FWS/OSM/IMCC document and has submitted that to the management team.
- **Mine Placement of CCRs: Planning for the Future, Forum 2014** – A steering committee has been initiated to begin planning for a forum in 2014.
- **Protecting Threatened Bats at Coal Mines II, Forum 2015** – A steering committee has been initiated to begin planning for a forum in 2015.

- **Alabama A&M University Science Seminar Speakers:** MCR will provide a speaker on “ARRI and Use of the FRA in surface coal mine reclamation” in January 31 and a speaker on “Protecting Endangered bats at coal mines” April 18, 2013.

NTTP Report

- The **NTTP Course Schedule and Course Coordinators** has been posted and is available on the OSM website and are available for course registration based on the space allocations that have been distributed to the states, tribes and OSM offices.
- “New” for 2013 training year is the **required nomination due date for course registration submission** by the agency training contacts. It has been moved to 12 weeks prior to the course dates from the previous 8 week due date.
- **Two courses were presented during October.** The Subsidence course was presented October 16-19 in Morgantown, WV and the Instructor’s Training Course was presented October 28-Nov.1 in Leesburgh Va.
- The **Instructor Training** course had 16 students in attendance with several being accomplished in some critical NTTP instructor need areas including Historic and Archaeological Resources and Legal instruction and Bonding.
- **Upcoming courses** include two trainings the week of December 11, Enforcement Procedures and AML Drilling and Grouting. They will be held in Pittsburgh, PA.
- Ann Walker and Tom Hines from NTTP, TIPS Training program representatives and Loretta Pineda, Director of the Colorado state program met November 14 with representatives from **Adams State University (ASU) to explore potential areas of cooperation between the University and OSM** pursuant to the MOU signed by Director Pizarcik and Adams State University earlier this year. The areas discussed included potential assistance with on-line course development and offerings as well as potentials for internships and OSM participation at ASU career fairs, etc.
- NTTP and TIPS representatives met on November 15 on **cooperatives efforts regarding training logistics and on-line training initiatives.**

HEADQUARTERS Report

- **Rulemaking:**
Stream Protection Rule: Team is reforming, Continuing to look at additional alternatives
 Cost Recovery and Limited Liability Rules: Currently seeking surnames from the Solicitor's Office. 4 Solicitors must now surname rule packages.
Coal Combustion Residue Rule: Seeking Solicitor's Review/Comments.
Temporary Cessation of Operations: On Hold
Emergency Action Plans Rule?: As a result of an IG report, OSM is looking into its authority to require EAP's during the permitting process rather than the current requirements (at the time an issue is discovered).
- **HR Issues:**
 Seeking approval to hire a NEPA Specialist and an Economist.

TIPS Report

- Larry Evans from West Virginia was lost to the **TIPS Steering Committee** when he retired in October. He will be replaced by Virginia's Daniel Kestner.

- Funding for a **TIPS Geospatial Workshop** has not been found, so Management will investigate charging a registration fee for the conference. The issue is in the hands of the Regional Director.
- TIPS is working with **Adams State University**, our partner minority school, to get their students into some of the conferences and events that OSM helps to sponsor. For example, the Bat Forum, the upcoming ASMR conference in Laramie, or the Geomorphic Conference in 2014. Adams State is evaluating TIPS and NTTP courses for full accreditation and college credits. They are also providing training to TIPS and NTTP instructors for online course development.
- TIPS has revised the **Virtual Campus** in preparation for offering NTTP online courses.

IMCC Report

IMCC is awaiting action on a number of fronts that will impact the states: OSM rulemakings (as reported in other sections of the NTTTT Report); the FY 2013 budget; the FY 2014 proposed budget; and sequestration. There will also be several realignments on Capitol Hill that are of interest to IMCC and OSM, including the new Chairman of the Senate Energy and Natural Resources Committee (Sen. Wyden of Oregon). Just as with the federal government, we are seeing several retirements and/or moves among congressional staff, so challenges abound in the 113th Congress. IMCC will also be working jointly with OSM on several upcoming conferences, including bat conservation, coal ash and geospatial technologies.

WIEB Report

- No events scheduled at this time. Continued coordination with IMCC on budget, legislative, rulemaking and oversight issues.

NAAML P Report

No Report

Exhibit Schedule

The following is the current OSM exhibits planned for the next year 2013. Need to talk about reviving the Tech Transfer Calendar.

- ISMR Jasper, IN December 3-4, 2012 by MCR
- NAAML P Winter Meeting is March 11 – 13 in Annapolis, MD
- ARIES Environmental Consideration in Energy Development, April 14-18, 2013, Charleston, WV by AR
- IMCC annual meeting is April 14 – 17 in Cincinnati, OH
- World of Coal Ash, April 22-25, 2013, Lexington, KY by MCR (National Coordination)
- ASMR Annual Meeting, June 2-6, 2013, Laramie, WY by WR (National Coordination)
- NAAML P Annual Meeting September 22-25, 2013 in Daniels, WV AR (National Coordination)
- NASLR Annual Meeting September 30- October 3?, 2013
- TX Surface Mining & Reclamation Workshop, Bryan, TX October 3-4, 2013 by MCR
- TMRA Annual Meeting, TX, October 2013, by MCR

Status of Applied Science Proposal Funding – Oregon Senator Wyden has requested information on research needs and funding for OSM for Applied Science Projects. OSM needs to respond by the end of November.

Next conference call will be **January 17, 2013 at 1 PM Central**.

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

DATE: **December 11, 2012**

TIME: 1:00 PM to 1:15 PM Central Time

ATTENDEES: **In Bold**

Alabama AML: Michael Vinson

Alabama Surface Mining: Randall Johnson

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

Illinois Office of Mines and Minerals: Dean Spindler

Illinois AML: Mary Lou Flowers

Indiana Division of Reclamation: Todd Huff

Indiana AML: Marvin Ellis

Iowa Mining and Minerals Bureau: Judith Krebsbach, Mike Worland

Kansas Surface Mining Section: **Marlene Spence**, Murray Balk

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

Missouri Land Reclamation Program: Larry Teson

Oklahoma AML: Mike Sharp

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Texas Mining and Reclamation Division: **John Caudle**, Stephanie Reed

OSM MCR: **Kimery Vories**, Nick Grant

OSM BFO: Sherry Wilson, Linda Williamson

OSM TFO: Al Clayborne

OSM IFO: Andrew Gilmore

Significant updates in bold italics

The purpose of the call is to initiate a discussion and planning for the following MCR Topics:

Rulemaking

1. **EPA CCR proposed rule to OMB on landfills and impoundments.** EPA published a proposed rule June 21, 2010 with two possible options, either under Subtitle C hazardous waste or Subtitle D solid waste. EPA still accepting comments. Legislation originating in the House seeks regulating CCR disposal similar to municipal solid waste that is Federally enforceable. **Most recent news is that a rulemaking is at least a year of more out.**
2. **OSM Rulemaking.**
 - Stream Protection Rule: Team is reforming, continuing to look at additional alternatives
 - Cost Recovery and Limited Liability Rules: Currently seeking surnames from the Solicitor's Office. 4 Solicitors must now surname rule packages.
 - Coal Combustion Residue Rule: Seeking Solicitor's Review/Comments.
 - Temporary Cessation of Operations: On Hold
 - Emergency Action Plans Rule?: As a result of an IG report, OSM is looking into its authority to require EAP's during the permitting process rather than the current requirements (at the time an issue is discovered).

3. Indiana Bat Permitting Guidance Document The technical team has completed their recommendations for improving the joint FWS/OSM/IMCC document and has submitted that to the management team.

4. Technology Transfer

ASMR Geomorphic Reclamation Session(s) June 2013 – 6 talks have been submitted to date for a Geomorphic Reclamation and Natural Stream Design OSM special session(s). ASMR is working on field trip possibilities.

OSM Geomorphic Reclamation Forum 2014 – Planning has begun for a national forum in Albuquerque NM May 20-22, 2014.

Geomorphic Reclamation Initiative – The Director of OSM is pursuing the development of a national geomorphic reclamation Initiative similar to ARRI to promote new science, technology and widespread adoption of this technology.

Alabama A&M University Science Seminar Speakers: MCR will provide a speaker on “ARRI and Use of the FRA in surface coal mine reclamation” in January 31 and a speaker on “Protecting Endangered bats at coal mines” April 18, 2013.

Mine Placement of CCRs: Planning for the Future, Forum 2014 – A steering committee has been initiated to begin planning for a forum in 2014.

Protecting Threatened Bats at Coal Mines II, Forum 2015 – A steering committee has been initiated to begin planning for a forum in 2015.

5. Next Conference Call will be scheduled for **February 12, 2013** at 1 PM Central Time