



**Appalachian Region Technology Team Teleconference
April 4, 2016**

PARTICIPANTS:

John Carey, Maryland Bureau of Mines (MD BOM)
Michele Hamlin, Pennsylvania, Department of Environmental Protection (PA DEP)
Daniel Kestner, Virginia Department of Mines, Minerals, and Energy (VA DMME)
Michael Richmond, Office of Surface Mining, Appalachian Regional Office (OSM ARO)
Charles Sturey, West Virginia Department of Environmental Protection (WV DEP)
Jeff Trump, Office of Surface Mining, Appalachian Regional Office (OSM ARO)
Bill Winters, Office of Surface Mining, Appalachian Regional Office (OSM ARO)

TEAM DISCUSSION:

MIKE RICHMOND:

Review of ARTT Agenda for the face to face meeting:

The agenda was reviewed and accepted.

ARTT Meeting on Potential Applied Science Projects

We have 28 proposals for review. States personnel are being asked to have their top 10 ranked proposals sent to Mike Richmond NLT the end of this week.

TEAM REPORTS:

MICHELE HAMLIN (PA):

PADEP's Bureau of Abandoned Mine Reclamation provided the following potential topics of study for the FY 2018 Applied Science program:

- Beneficial use of mine drainage (treated or untreated) for industrial, potable or other uses/applications

- Mine fire extinguishment/abatement methods which do not require full excavation of the mine fire.
- Alternatives to fly ash grouts and/or fluidized bed ash fill since fly ash will become less available in the future
- In-situ treatments for large mine pool discharges
- Use of remote sensing technology (photogrammetry, LiDAR, etc. - or other new technologies since the Operation Scarlift Reports of the 60's and 70's) in designing diversion structures around mine openings, etc. to prevent or decrease water flow into abandoned mine pools thereby reducing discharges and allowing for sustainable mine drainage treatment.

BILL WINTERS (TN)

Lands Unsuitable for Mining (LUM): comments are due in the same timeframe as the SPR comments.

CHARLES STUREY (WV):

- WV legislation has killed all environmental bills over the issue of woodburning stoves and is consolidating the Office of Explosives and Blasting (OEB) will be under mining laws. This is not a program amendment. This has been moved back to its origin.

DAN KESTNER (VA):

- Coal Tax credit bill has been vetoed by the Governor. The tax credit will end at the end of this year
- VA is seeing an increase in bond release applications. There are many permits with mining that is yet to be completed and there are some permits with remaining water issues. Some operators with financial issues are having difficulties.

JOHN CAREY (MD)

- Still reviewing comments on the SPR.
- Arch Coal Company is shutting down its subsidiaries/transferring to midsize local companies.

JEFF TRUMP (OSM):

The next scheduled call will be May 9, 2016 at 1:30PM. This will be after the face to face meeting and is NOT the first Monday of the month as normally scheduled.