



Location: Executive Room 12 at the Penn Stater Conference Center

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## SAFER PA Technical Briefing – State College, August 20<sup>th</sup> Agenda

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| 1:00 PM – 1:05 PM | Opening Remarks, Agenda, SAFER PA – Pat Findle, GTI   |
| 1:05 PM – 1:30 PM | Overview of SAFER Research Projects: Life Cycle Management for DEP and AMD for CFA – Pat Findle, GTI  |
| 1:30 PM – 1:45 PM | Update on Petrochemical Growth in the Northeast – Chuck Whisman, CH2M   |
| 1:45 PM – 2:15 PM | EPA Fracking Study review – Dominick Anselmo, Hull Associates   |
| 2:15 PM – 2:45 PM | Induced Seismicity & Reinjection Wells – Dale Skoff, Tetra Tech, and Joe Casey, CH2M  |
| 2:45 PM – 3:00 PM | Break   |
| 3:00 PM – 3:20 PM | Disposal Well Use Trends for Shale Energy Development - David Yoxtheimer (PSU) – Safe and efficient produced fluids management for shale energy development is critical to ensure this important resource can be developed while protecting the environment. Use of brine disposal wells (ie Class II-D) to safely dispose of produced fluids is a key part of the water management portfolio for shale energy development. |
| 3:20 PM – 3:40 PM | PSU Methane Emissions Study – An Overview of Current Research Efforts – Thomas Lauvaux, Ken Davis   |
| 3:40 PM – 4:00 PM | Methane Leak Detection from the Well through Processing Current Data – Morgan Abele, PULS – Current data on legacy systems is outdated and limited. Current research is focused on new wells, transmission lines, compressor stations, process plants, etc., while little focus has been on legacy systems and infrastructure.  |
| 4:00 PM – 4:20 PM | Panel Air/Water Monitoring: Collaborative efforts between IUP, local municipalities and non-profit agencies. Panel Discussion by K. Farnsworth, N. McElroy and J. Bradshaw, and others as appropriate. Indiana University of PA has developed a variety of environmental monitoring projects to identify baseline regional water and air.   |
| 4:20 PM – 4:30 PM | Summary, Challenges, Next Steps   |