

AG AIR QUALITY TASK FORCE

BELTSVILLE, MD
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EMISSIONS QUANTIFICATION, MITIGATION, AND VALIDATION

MEMBERS OF SUBCOMMITTEE

- Sally Shaver (co-chair)
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EMISSIONS QUANTIFICATION, MITIGATION, AND VALIDATION

- EMISSIONS ESTIMATING METHODOLOGIES (EEMS)
 - Publication of previous AAQTF white papers
 - Tracking of NAEMS and EPA's development of Emissions Estimating Methodologies
 - Information briefings
- QUESTION: What, if any, is role of AAQTF in EEMS development?

EMISSIONS QUANTIFICATION, MITIGATION, AND VALIDATION

- INTEGRATED NITROGEN REPORT
 - Developed comments for transmission to EPA
 - Approved by AAQTF for submittal
 - Not yet submitted
- QUESTION: Are comments still valid for transmittal to EPA?
- QUESTION: What is recommendation of the AAQTF about the comments?

ISSUES OF CONCERN: AMMONIA

- Court decision on PM implementation. Will EPA have to regulate NH_3 as a precursor to PM? Permit requirements and mandatory control measures could be required.
- Implications of this for the EEMs
- Definition of a “farm” if NH_3 is a regulated pollutant
- Recommended BMPs
- Monitoring Methodologies
- Impact of Clean Water Act implementation
 - TMDL’s for impaired waterbodies; allocation for N deposition
 - Focus on numeric nutrient criteria in water quality standards

ISSUES OF CONCERN: NAAQS

- OZONE STANDARD REVIEW
 - Impacts of a stricter standard (75ppb to 60ppb)
 - Standard already close to background levels
 - Primary and secondary standard are currently the same. However, the court sent the secondary standard for welfare effects back to EPA and stated that the EPA failed to justify setting the secondary standard equal to the primary standard. EPA will likely propose a separate secondary standard
 - Scientific basis for a secondary standard
 - Impacts of a secondary standard
- NO_x STANDARD REVIEW

ISSUES OF CONCERN

- EPA RULEMAKING
 - Biomass accounting in Clean Air Act Permits
 - Implications for “sustainability”
 - Exceptional Events
 - EPA posted guidance in May
 - Fire and high wind events
 - RICE and boiler rules
 - Work practice standards, recordkeeping, and reporting
 - Other requirements for larger engines and boilers
 - Outreach to farmers
 - Regulation of Greenhouse gases for smaller sources

ISSUES OF CONCERN

- DIESEL EXHAUST
 - EPA funded study to review health effects
 - EPA has petition to regulate as a toxic pollutant under the Clean Air Act
 - Report due in 2014
 - Could impact off-road engines
- SUSTAINABILITY
 - New emphasis on sustainability in EPA strategic plans for 2014-2018
 - EPA and USDA are engaged in external groups on voluntary standards related to the supply chain
 - Guidelines for voluntary standards and ecolabels

ISSUES OF CONCERN

- SCIENCE
 - Validation of BMPs for regulatory purposes
 - Verification and crediting of BMPs
 - CAA compliance, GHGs, CWA benefits
 - Modeling
 - Deposition, agricultural emissions, BMPs
 - Estimation of emissions from ag sources
 - USDA's GHG estimation methodologies

Questions?

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