Regulating Air Quality Impacts from Oil and Gas Development

May 28, 2014
WESTAR
Spring Business Meeting
Boise, Idaho
Outline

- Permitting
- Compliance
- Air Quality Monitoring
- Emissions Inventory
Permitting

- Presumptive BACT (P-BACT)
  - Allows operators to produce the wells before obtaining a permit
  - Applies only to well sites and associated production equipment
  - P-BACT Guidance lays out timeframes for data gathering for emissions estimates, control thresholds and installation, and application submittal
Permitting

Defined P-BACT Areas

Legend
- JPAD/NPL
- UGRB
- CDA
- Statewide
Permitting

- Comparison to NSPS
  - Emissions calculated facility-wide vs. per tank
  - Low bleed, no bleed pneumatic devices/controllers
  - Control efficiencies: 98% vs. 95%
  - Reduced emissions/green completions
  - Consulted with Wyoming and other states
Compliance

- **Inspectors**
  - Dedicated inspectors in nonattainment area (2)

- **Onsite Inspections**
  - Control equipment monitoring
  - Other enhanced monitoring
Air Quality Monitoring

- 9 long term stations related to oil and gas development
- 3 mobile monitoring trailers
- Data available on web site http://www.wyvisnet.com/
Emissions Inventory

- Refining the oil and gas emissions inventories
- Specialized emissions inventories
- Developing reporting and QA tools