TCEQ Air Permitting Updates

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Director
Air Permits Division
Air Permitting Update Topics

• TCEQ and APD organizational changes
• Oil and Gas
• Cross-state air pollution rule development
• Ozone standards
• Greenhouse gas (GHG) regulations
TCEQ Organizational Changes

• Office of Permitting and Registration
  – Air Permits Division (APD)
  – Permitting and Registration Support Division
  – Waste Permits Division
  – Radioactive Materials Division
TCEQ Offices

- Office of Air
- Office of Water
- Office of Waste
- Office of Compliance and Enforcement
- Office of Legal Services
- Chief Engineer’s Office
- Office of Administrative Services
Office of Air and Air Permits Division

- **Office of Air**
  - Steve Hagle, P.E., Deputy Director
  - Jayme Sadlier, Special Assistant

- **Air Permits Division**
  - Michael Wilson P.E., APD Director
  - Steven Hagood P.E., APD Assistant Director
O&G Inside Barnett Shale

• Existing sites that have never registered submit historical notification by 12/31/13

• PBR - §106.352 (a)-(k)

• Standard Permit – Air Quality Standard Permit for Oil and Gas Handling and Production Facilities

• Case by case NSR permit
O&G Outside Barnett Shale

- PBR - §106.352 (l)
- Standard Permit - §116.620
- Case by case NSR permit
Recent Legislation

• SB1134
  – Requires study of monitoring, modeling, and other factors before further O&G rulemaking
  – Defines MSS for O&G
  – Allows some corrections for existing rules
  – Defines aggregation for O&G
Recent Legislation

• HB 1 Rider 33
  – Requires a study and report assessing the economic impact of expanding the BS PBR
  – Study should be based on 18 months of data from Barnett Shale
Find helpful Oil & Gas tools and links at:

Small Business and Local Government Assistance
http://www.tceq.texas.gov/assistance/sblga/industry/oilgas.html

Air Standard Permit and calculations spreadsheets
http://www.tceq.texas.gov/permitting/air/newsource-review/chemical/oil_and_gas_sp.html
Cross State Air Pollution Rule

• Signed July 6, 2011

• Compliance date May 1, 2012

• 27 states req’d to reduce EGU emissions

• [link](http://www.tceq.texas.gov/assets/public/implementation/air/sip/CSAPR/CSAPR.pdf)
Ozone Standard

• EPA implementing the 2008 eight-hour standard of 75 ppb
• Initial attainment determination and designation based on 2008-2010 data
• Based on this data and EPA’s classification scheme
  – Houston area would be marginal NA
  – DFW area would be moderate NA
Ozone Standard

• States will have 120 days to respond after EPA provides designation recommendations this fall
• States may request a higher designation
• EPA expects final designations by mid 2012
Ozone Standard

• SIP revision due dates and the date by which areas must reach attainment have not been determined by EPA

• FCAA indicates from designation to attainment no more than:
  – 3 years for marginal areas
  – 6 years for moderate areas
GHG - Significant Dates

- Effective January 2, 2011
  - Step 1: January 2, 2011 –
    - PSD “Anyway sources”

  - Step 2: July 1, 2011 –
    - PSD regardless of criteria pollutants
    - Title V

- SIP revision due December 1, 2011
Who will review my GHG application?

- EPA will review the GHG portion of PSD applications triggering federal GHG requirements

- TCEQ will continue to review applications for all other regulated pollutants in compliance with the Clean Air Act
How do I apply for a GHG PSD permit?

• EPA has stated they will instruct applicants to:

  – Use TCEQ forms to apply for a GHG permit

  – Include GHG BACT information in the PSD application to TCEQ

  – Send a copy of the PSD application to EPA
Contacts at EPA Region 6 for GHG PSD permitting

- Melanie Magee
- Bonnie Braganza

Send applications to:
- U.S. EPA Region 6
  1445 Ross Avenue, Suite 1200
  Dallas, TX 75202-2733
  Attn: Air Permits Section (6PD-R)
Questions?

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