TCEQ
Texas Commission on Environmental Quality

Martin Whitton, Class of 2001
Joe Shine, Class of 2002
Air Permits Division
What is TCEQ?

• The environmental agency for Texas.
• 2,760 employees, 16 regional offices, and a $354 million operating budget
• It is the second largest environmental agency in the world.
TCEQ Funding

Operating Budget for FY 2012
(in millions)

- Other Sources: $7M
- General Revenue: $6M
- Federal Funds: $44M
- Program Fees: $297M
Examples of Jobs at TCEQ

- Air, Wastewater & Solid Waste Permitting
- Soil & Groundwater Remediation
- Enforcement of Laws
- Engineering, Toxicology, Nuclear, Environmental Law, Labs, etc.
3 Areas of Permitting

1. Water
2. Land
3. Air
Water Topics

• Drinking water
  - Public water systems, drought preparedness

• Water Availability and Use
  - Dam Safety, Ground Water Protection, Landscape irrigation

• Water Quality
  - Wastewater treatment, stormwater permits, Galveston Bay Estuary Program.
Land Topics

- **Cleanups and Remediation**
  - Superfund, Voluntary Cleanup

- **Wetlands Protection**

- **Waste Disposal**
  - Commercial Industrial Nonhazardous Waste, Industrial Hazardous Waste, Municipal Waste
AIR

Standardized Authorizations (PBRs, SPs, GOPs)
Types of NSR Authorizations

- De Minimis
- Permits by Rule
- Standard Permits
- State Permits
- NNSR & PSD

Increasing Emissions
What are De Minimis Authorizations?

- Negligible sources
- Most are industry or activity specific
- Must meet all conditions exactly
- Paperwork not typically submitted
- Keep records
- De minimis information

http://www.tceq.texas.gov/permitting/air/newsourcereview/de_minimis.html
Example De Minimis Authorizations

- Domestic Heating and Cooling
- Air Conditioning and Ventilation Systems
- Vacuum-Producing Devices for Laboratory Use
- Cotton Gin Stands
- Coatings of less than 100 gallons
PBRs

- PBR 106.352 – Oil and Gas Production Facilities
  New Version adopted 1/26/2011
  Old Version Repealed 2/27/2011
  Effective (Barnett Shale) 4/1/2011

- PBR 106.433 – Surface Coating Facilities

- PBR 106.261 and/or 106.261 – Facilities (emission and distance limitations)
Applicable PBR Forms and Data

• PI-7 or PI-7-CERT
• Core Data Form
• Applicable fee
• Process description
• Plot plan
• General requirements checklist
• Applicable PBR checklist
Standard Permits

- Pollution Control
- Oil and Gas Facilities
- Electric Generating Units
- Hot Mix Asphalt Plants (Temporary and Permanent)
Standard Permits

- Municipal Solid Waste (MSW) Landfills
- Boilers (> 40 MMBtu/hr)
- Feedmills, Portable Augers, and Hay Grinders
NSR and Title V Comparison

- NSR
  - NNSR & PSD Federal Permit
  - Standard Permit
  - State Permit
  - PBR
  - DM

- Title V
  - GOP
  - SOP
  - Minor
  - DM

NSR and Title V

Diagram showing the comparison between NSR and Title V permits.
Title V GOPs

- Oil and Gas (511, 512, 513, 514)
- MSW Landfill (517)
- Air Curtain Incinerator (518)
Processing

- What do permit reviewers expect?
- What is the expected time frame?
- How to get your authorization quicker?
- Deficiencies
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Potential to Emit (PTE)

- **What is PTE?**
  - The maximum ability of the facility to emit operating at 8760 hr/yr and at maximum operational limits
  - Example, Surface Coating
Life of Permit Reviewer

• Work on projects, the bread and butter of it.
  • Most of time spent here
• Special Projects
• Site Visits
• Mentoring/Peering
Employment Opportunities

- Full time positions
  - Internships
- Transitions hiring (graduating students)
Employment Opportunities

Mickey Leland Internship Program

Application Deadline: 3/31/2012

Requirements:

- Current academic transcript
- Verification of Spring enrollment
- Professor’s letter of recommendation
More Information

HR Contact: (512) 239-0105 or jobs@tceq.texas.gov
TCEQ Jobs Website: http://www.tceq.texas.gov/admin/services/employ
Questions?