

## ***DE Air Regulation Development***

**Large Industrial Boilers/Process Heaters  
at Refineries  
with Heat Input  $\geq$  200 mmBTU/hr**

**Committee Meeting #4  
July 19, 2006**

# **Meeting #4 Agenda**

- **Discussion/approval of the meeting #3 minutes.**
- **Valero presentation**
- **AQM presentation**
- **Green Delaware presentation**
- **Discussion on emission rate limit to be set up in regulation.**
- **Discussion on the first draft of regulatory language.**

## **Meeting #3 Minutes**

---

- Discussion
- Approval

# **Valero Presentation**

- (1) Better control options: burner replacement vs. stack control.**
- (2) \$/Ton information for ULNB, SCR and SNCR.**
- (3) Feasibility of controlling some units to levels below 0.04 to average all units to 0.04 lb/mmBTU rate, control technology to each unit.**
- (4) Other information.**

# **AQM Presentation**

- **From the 2002 emission rate, AQM Proposes 0.04 lb/mmBTU to be a starting point.**
- **See handouts:**
  - Table 1. 2002 emission rates of affected units.**
  - Table 2. Controls in other states.**
  - Table 3. Cost information from other states.**
  - Table 4. Costs of other source control as references.**

# **Green Delaware Presentations**

- **Supporting a 0.03 lb/mmBTU rate limit in the regulation.**

# [ Committee Discussion 1 ]

---

- What should be an appropriate rate limit in the proposed regulation?

# [ Committee Discussion 2 ]

- **Draft regulatory language.**
  - (1) **Based on the discussion in the previous 3 meetings, it is proposed to add in Section 2.3:**

“2.3.2. Weighted average rate limit. As an alternative to the requirements of paragraph 3.1 of this section, a group of units subject to the requirements of this section shall not exceed the following:

    - 2.3.2.1. An average emission rate of x.xx lb/mmBTU, weighted on heat inputs of all individual units.
  - (2) **The previous “2.3.2 Monitoring Requirements” becoming “2.3.3”.**
  - (3) **Other changes/additions?**

# Future Committee Meeting

## ■ August 16<sup>th</sup>: Meeting #5

Major task: To discuss and approve the final version of the regulatory language for public workshop/hearing.

Again: DNREC Website for Reg. 1142 Sec. 2.

→ <http://www.awm.delaware.gov/Info/Regs/AQMPlansRegs.htm>

→ [Regulation No. 1142, Section 2 - Specific Emission Control Requirements](#)