

# **Regulation 5.30 Program Status Report**

## **September 2006**

### **Monitoring Activity**

Since the August Board meeting, the Louisville Metro Air Pollution Control District (District) has been developing a project plan for a hot spot toxics monitoring program. The goal of the activity is to implement a short-term area source and receptor monitoring plan in Louisville, Kentucky, to help assess possible emissions from smaller businesses in the community. The sources chosen will fall under Regulation 5.30 of the STAR Program.

Three possible sources and receptors are being selected. The sampling will begin as soon as a lab is selected to perform TO-15 analysis with 6-liter Summa canisters. One hour grab samples will be taken at the chosen locations.

On September 28 -29, Cynthia Lee and Tua Pickering will travel to Houston, Texas, to evaluate the IMACC FTIR for suitability to use for monitoring air toxics in Louisville. In situ tests with 1, 3-butadiene and vinyl chloride will be performed. The Environmental Manager at the Texas Petro Company will be available to answer questions and provide an unbiased opinion of the instrument's use at his facility.

The District expects to receive the EPA's data summaries from the Cerex UVSentry comparison study at the end of September.

### **Emissions Inventory**

Bo Fawbush continues to review the 2005 Title V company criteria pollutant and hazardous air pollutant (HAP) emission inventories and is also reviewing the Category 1 toxic air contaminant (TAC) emission inventories. The Title V company Category 1 TAC submittals are for only the second half of 2005.

Lilibeth Lanceta, who joined the District last month, has been working on speciated emission factor for area sources. At the present, she is focusing on four area sources, which are dry cleaning, printing, gas stations, and auto body shops.

### **Modeling**

Billy Dewitt has finished reviewing and reprocessing the AERMOD meteorological files, which have now been placed on the District's STAR web page for public use. He has also been fielding various technical questions on the files and performing screen modeling.

### **Development Action**

Erin Simpson has been developing a Regulation 5.30 matrix, which will enable interested parties to track various aspects of the 5.30 process, including the activities of the stakeholder group and other associated parties. Other activities this month have included stakeholder outreach and planning.

### **Stakeholder Group**

The Regulation 5.30 Stakeholder Group will hold its third meeting on Thursday, September 14. The meeting is scheduled to include a presentation by Ms. Pickering on the District's monitoring tools, the history and overview of the STAR Program's risk assessment framework by Russ Barnett, Arnita Gadson, and Art Williams, and a presentation on the STAR Program's environmental acceptability framework by Jon Trout. In addition to its monthly meeting, the District held a workshop on Monday, September 11, to explain the background and basics of the STAR Program for the Stakeholder Group members.