

Regulation 5.30 Program Status Report November 2006

Monitoring Activity

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

Three possible sources and receptors have been selected. The sampling is scheduled to begin in November. Research was done to find labs that were capable of performing TO-15 analysis. Only two labs were found that were capable of chloroprene analysis and quantification. A quote package was submitted and the APCD is waiting for approval to contract a lab so that sampling can begin.

On November 6-9, Ms. Cynthia Lee, Mr. Marty Layman, and Ms. Tua Pickering from APCD traveled to Las Vegas to attend the National Air Monitoring Conference. The meeting is the annual air monitoring conference sponsored by the U.S. Environmental Protection Agency (EPA) and the National Association of Clean Air Agencies (NACAA, formerly STAPPA/ALAPCO) and provides training needed for future air toxics monitoring challenges. The most significant changes to air monitoring regulations in over a decade were finalized just prior to this conference. Conference discussions focused on how these changes will affect air pollution control agencies. The meeting included a combination of presentations, training, and discussions.

The APCD has not yet received EPA's data summaries from the Cerex UVSentry comparison study which were expected at the end of September. In October, Sciences and Ecosystem Support Division (SESD) at EPA Region 4 informed the APCD that the draft report will be ready in the first few weeks of November.

Emissions Inventory

Bo Fawbush has finished his 2005 STAR emissions spreadsheet for Title V companies, and is finishing his review the 2005 Title V company general emission inventories. Progress is continuing on the 2005 FEDOOP inventories.

Lilibeth Lanceta continues to work on speciated emission factors for area sources. She most recently focused her activities on four area sources: dry cleaning, printing, gas stations, and auto body shops.

Modeling

Billy Dewitt has begun reviewing submitted Tier 4 modeling demonstrations. He is also working with Gary Flispart and Tom Pinto on modeling mobile source emissions.

Development Action

Erin Simpson has updated the final Report and Plan of Action outline, written a narrative on the National Air Toxics Assessment, and researched the risk assessment frameworks of various federal agencies. Other activities this month have included stakeholder outreach and planning, as well as helping to develop agendas for the upcoming stakeholder committee meetings.

Stakeholder Group

The Regulation 5.30 Stakeholder Group will hold its fifth meeting on Thursday, November 9th. The meeting is scheduled to include a discussion of the West Jefferson County Community Task Force Risk Management Plan and a presentation on the STAR Program's environmental acceptability framework by Jon Trout. Other items to discuss will include the relevance of EPA's National Air Toxics Assessment to Louisville and EPA Region 4's Relative Risk Screening Analysis. In addition to its monthly meeting, the Stakeholder Group has formed four committees to address in more detail specific aspects of the final Report and Plan of Action (due on June 1, 2007). These committees (which will research the issues of mobile/non-road mobile sources, the final report and plan of action, health/risk, and area/minor sources) conducted their first meetings on November 2 and 3, and will meet again on November 28 and December 5, respectively.