

Regulation 5.30 Program Status Report

June 2007

EPA Region 4 Collaborative Partnerships Building Workshop

Cynthia Lee and Erin Vachon attended the “Building Collaborative Partnerships in Environmental Risk Management” workshop, sponsored by EPA, May 15-17, 2007, in Nashville, TN. The workshop focused on developing facilitation and negotiation skills necessary for partnership building.

Monitoring Activity

The Louisville Metro Air Pollution Control District (District) has completed its investigation into different monitoring instruments that are suitable for Louisville’s complex air. A sales representative from INFICON visited the District to demonstrate a portable GC/MS on May 10, 2007. Tua Mc Dermott will prepare a summary of the monitoring devices investigated.

The District completed a report on the analytical results from the winter’s hot spots sampling effort. The text of this document will be included in the STAR 5.30 Report and Plan of Action. For the full document, including appendices, please contact Cynthia Lee.

Emissions Inventory

Lilibeth Lanceta and Bo Fawbush continue to review minor source emissions inventories. The District estimates that the review should be completed by the middle of June 2007.

Lilibeth and Bo attended the 16th Annual International Emissions Inventory Conference, sponsored by EPA, May 14-17, 2007, in Raleigh, NC. The conference covered a wide range of inventory topics including toxics and climate change. Lilibeth attended the NMIM training session. At the conference, the trend in toxics inventories was a focus on larger stationary minor sources. Other conference attendees were curious about the District’s analysis of inventories for smaller area sources.

Modeling – Stationary Sources

Matt King, Billy DeWitt, and Lilibeth completed the refined modeling studies and risk analysis for perchloroethylene (perc) dry cleaners and waste oil furnaces, requested by the Area and Minor Source Committee. Matt, Billy and Lilibeth also provided the committee with technical assistance as they discussed and developed their recommendations for the Report and Plan of Action. Matt developed and presented a summary of perc dry cleaning facilities and control options, including cost estimates, to aide the committee in making recommendations.

The Area and Minor Source Committee met on May 31, 2007, to determine recommendations for risk reduction for perc dry cleaners and waste oil furnaces. Consensus was reached on recommendations for both sources. A perc shop owner and the Director of the Kentucky Fabricare Association (dry cleaners’ trade group) attended at the May 31st meeting and presented an

industry proposal to reduce emission from and exposure to perc dry cleaners.

The Health/Risk Committee met on Monday, June 11, 2007, to recommend risk goals for non-stationary area sources and cumulative risk for all source categories. The committee was presented with risk analysis of a backyard charcoal grill. The results showed a risk well below the 1 in one million level. It was explained that the inconsistent nature of these sources does not lend itself to the typical analysis. The committee then recommended goals of 1 in one million for both the individual and cumulative non-stationary area source risk goals. With the understanding that one typically would not be exposed to the maximum contribution from all categories at the same location, a goal of 25 in one million was recommended for all source categories.

Modeling - Mobile Sources

Billy presented final mobile source modeling results, a comparison of Interstate and 4-lane highway emissions, at the May 9, 2007, Mobile and Non-Road Committee meeting. Future modeling needs will be recommended by the committee and staff to be included in the Report and Plan of Action.

Tom Pinto and Michelle Stites represented the District at an internal exploratory meeting with representatives from Metro Planning and Design Services and the Metro Economic Development Department. At the meeting, the group recommended long-range planning solutions for reducing toxic emissions from and exposure to mobile and non-road mobile sources which will serve as a starting point for future long-range planning discussions.

The Mobile and Non-Road Mobile Source Committee met on Tuesday, June 5, 2007, to determine recommendations for risk reduction for mobile and non-road sources. The committee reached consensus on the recommendations, with a few noted exceptions.

Report and Plan of Action

All District staff members involved with the Regulation 5.30 effort continue to draft updated sections for the Report and Plan of Action.

Stakeholder Group

The STAR 5.30 Stakeholder Group will hold its twelfth meeting on Thursday, June 14th. Presentations of recommendations by the committees and the future role of the group as Regulation 5.30 is implemented are the main items scheduled for discussion.

Committee work for the STAR 5.30 Stakeholder Group is complete. The committees met in late May and early June to determine their final recommendations and will present them to the full STAR 5.30 Stakeholder Group at the June 14th meeting.

The following Stakeholder Group meeting is Thursday, July 12, 2:00 p.m.