

**REGIONAL OZONE COALITION/  
CLEAN AIR CONSORTIUM PM2.5 WORKING GROUP  
MEETING MINUTES**

**October 11, 2006**

**Attendees**

Jeff Boyle	GZA
Dick Brewer	Duke Energy
Lona Brewer	KYDAQ
Cory Chadwick	HCDOES
Don Chopman	KCAB
Sarah Dowers, Vice Chair	HCDOES
Ken Edgell	HCDOES
Matt Lindsay	Miami Valley Regional Planning
Ami McLandsborn	Cincinnati Health Department
Grace LeMasters	UC
George Schewe	Alpine Geophysics
Bill Spires	OEPA
Mike Szabo	GZA
Chris Templeton	GZA
Stephen Washburn	GE Aviation
Mike Zimmer	Trinity Consultants

**OKI Staff**

Summer Jones  
Fran Malone  
Andy Reser  
Nicole Weiskettle

The meeting was called to order at 10:10 am. Ms. Sarah Dowers convened the meeting as Vice Chair of the ROC.

Everyone introduced themselves and their affiliation.

**PM 2.5 Introduction**

Mr. Andy Reser, OKI Staff, reviewed the history of the Clean Air Consortium which began in 2003 for attainment standards and introduced the subject of PM2.5.

**PM 2.5 Background and PM in Greater Cincinnati**

Mr. Cory Chadwick, Hamilton County Department of Environmental Services, gave the history and background for PM 2.5 in Cincinnati.

Mr. Chadwick's presentation gave an overview of PM 2.5 to include:

- Particle Size/Descriptors
- Measurement and Analytical Techniques
- Speciation of SW Ohio PM2.5
- Measurement Stations Operated by HCDOES
- Air Pollution Sources in the Greater Cincinnati Area
- What's Being Done?

### **PM 2.5 in Ohio, Preliminary Modeling, SIP Schedule**

Mr. Bill Spires from the Ohio EPA presented an overview of the modeling and the SIP Schedule.

The original 8-hour designations were effective June 15, 2004. Developing the SIP in September 2006 applied the 'catch-up' RACT. The plan includes air quality modeling; reasonable controls and weight of evidence available. The plan that will be coming out soon will be statewide and will affect us here in the region.

### **Kentucky Perspective**

Lona Brewer from Kentucky Division for Air Quality presented several perspectives about air quality in the Commonwealth of Kentucky to include:

- Reiteration of Kentucky monitoring data to date
- Past/Present activities
- PM2.5 modeling results from VISTAS work
- Where do we go from here?

The next meeting of the Clean Air Consortium is scheduled as follows:

November 15th, 10:00 am at OKI  
■ Discussion of draft list of strategies

December 7<sup>th</sup>, 10:00 am at OKI  
■ Final list of strategies

**Cincinnati Childhood Allergy and Air Pollution Study Update** was given by Dr. Grace LeMasters.

The summary of her presentation stated that within each proximity group there is a continuum of actual exposure levels. Was this due to exposure misclassification? All infants had to have some level of ECAT exposure (0.20 -1.02 µg/m<sup>3</sup>)

Infants designated as 'unexposed' by the proximity model had the lowest estimated ECAT levels. Exposure to moving or stop/go traffic had similar ranges of ECAT.

Average ECAT within moving and stop/go exposed categories were both significantly higher than unexposed infants

Dr. LeMasters stated that the results of this study are still waiting to be finalized and her presentation will be released at a later date through her office.

**Other Business**

The 2007 meeting schedule has not been set for the Regional Ozone Coalition.

There being no further business, the meeting was adjourned at 11:45am.

**PDF's of the presentations by Mr. Reser, Mr. Spires, Mr. Chadwick and Ms. Brewer can be viewed at  
[www.oki.org/environment/cleanairconsortium.html](http://www.oki.org/environment/cleanairconsortium.html)**