

WEST JEFFERSON COUNTY COMMUNITY TASK FORCE
MEETING

September 18, 2001

**The NIA Center
2900 West Broadway
Third Floor Conference Room**

ATTENDEES/MEMBERS

Linda Weathers, Comm. Owens Ofc
Karen Cairns, U of L
Jodie Coxe, Algonquin Gardens
Evelyn Glass, Chickasaw
Art Williams, APCD
Carl Hilton, DuPont
Cynthia Lee, APCD
Steve Oswald, APCD
Art Chang, APCD
Ron Jacobs, APCD
Betty W. Lee, APCD
Clarence Dykstram, DuPont Dow Elastomers
Russell Barnett, U of L
Norm Robinson, MSD
Linda Thomas, Hallmark
LaLetta Jenkins, Shawnee
Laura Hackett, Russell
Peggy J. Bolton, Shawnee
Charles David, Jeff. Co. Comm. Dev.
Gloria Scherer, Parkland
Isaac Shoulders, Parkland/Russell
Tom Herman, Zeon Chemicals
Wayne Brown
George Gehrig, Park Hill

1. Risk Assessment/Risk Mgt Plan – Art Williams

The Risk Management Committee met on September 24th at the Air Pollution Control District, 850 Barret Ave. The committee discussed developing risk management plans for area, mobile and non-point sources, and target risk levels. The next meeting scheduled for October 22nd will include further discussion with EPA representatives on the development of the risk management plan.

EPA has provided 3-year funding for fine particulate monitors. The present testing measures the amount, but not the make-up of fine particulates. We are presently a non-attainment (did not meet EPA standards) area for ozone and will probably be a non-attainment area for fine particulates. EPA is required to review the standards every five years. It is probable that the standards will become more stringent. Another category that is being developed is "Ultra-fine" particulates. Because of the health hazards, it is important to develop the characteristics of these particulates. The highest reading for PM2.5 was in August at 27.4 micrograms per cubic meter, double the EPA health hazard moderation of 15.0.

A 2-year \$200,000 Impact grant will encompass putting readings from PM2.5 monitors, on the web site for the public to have immediate readings.

APCD presented a demonstration of the PM2.5 Speciation Sampler. The Met One SASS (Speciation Air Sampling System) is the instrument chosen by the Kentucky Department of Air Quality and the Jefferson County Air Pollution Control District (APCD) to enter the next phase of PM(Particulate Matter) Fine air monitoring.

The SASS unit is capable of gathering multiple samples simultaneously through three separate channels. Each filter module is configured to sample using a strict analytical method, which should reveal and analyze the mass concentration of particulate matter (PM2.5) as well as its organic, inorganic, and metals components. The speciation samples will be scheduled to run on a 1 in 6 day schedule, the same schedule as the PM10 network and other PM2.5 FRM (Federal Reference Method). PM10 being larger particulates than the PM2.5 particulates.

The local speciation network will occupy two sites: the Louisville Police Firearms Training compound, 4201 Algonquin Parkway and the Air Pollution Control District, 850 Barret Avenue. The Technical Services Division of APCD will be responsible for ensuring that the sites and samples are maintained in accordance with EPA directives. The EPA contractor lab at the Research Triangle Institute will do all of the preparation of the filter modules and analysis of the samples. The contractor lab is located in Research Triangle Park, NC.

2. Odor improvement Equipment – Gloria Scherer, Parkland

Gloria was contacted by Don Hill who responded to the Courier-Journal article regarding indoor odors. He gave her an “Ecotech Fresh Air Cleaner” to try. After using the machine for a few days, there seemed to be a noticeable improvement with the use of the machine. Other meeting participants requested the air cleaner to see if they experienced the same reduction in odors.

3. Health Effects from Indoor ozone – Russ Barnett

Included is a separate information sheet, entitled “Alternative Odor Controls”, Russ discusses information on Air Filtering Devices, and Types of Air Treatment Systems to Control Odors. See attached.

4. Native vegetation project – Carl Hilton, DuPont

This presentation will be given at the October meeting due to a time constraint.