

**West County Community Task Force  
Meeting Minutes  
June 15, 1999**

**EJ (Environmental Justice) Grant Review**

Russ discussed the upcoming grant due in July. Purpose: to initiate a health study on ambient air quality or personal exposure, disseminating data, and to provide training for community leaders to respond to the needs of community concerns.

The role of the WCCTF would be to:

- Develop the study proposal.
- Identify environmental issues and concerns to west Louisville residents.
- Develop air toxic monitoring plans and identify specific monitoring parameters and sites.
- Securing state matching funds for the air toxic monitoring program.
- Coordinating the identification and recruitment of volunteers for the personal exposure assessment.
- Review information to be provided to volunteers for completeness and understanding.
- Participation in individual interviews with personal exposure volunteers.
- Attend risk assessment and toxicology training sessions.
- Review and concur with the relative risk analyses identifying the hazardous air pollutants of greatest health risk.
- Conduct quality assurance testing.
- Conduct public forums to disseminate information about air quality and public health risks.

**Monitoring Sites — Art Chang (APCD)**

Art distributed a tentative site list chosen by those who participated in the tour. For a major air monitoring network design the following requirements must be met:

Four essential components for complete network design.

1. For maximum concentration—sites near fence lines, maximum population exposure.
2. Sites located where people live, work, and play; community-based sites.
3. Control monitoring site—used to compare with other parts of the county.
4. Background site—used to differentiate urban vs non-urban air quality.

In addition to the components the network must:

- Include one meteorological station.
- Have sites that avoid barriers such as trees, buildings, and other man-made structures.
- Try to avoid interference from sources such as dry cleaners, gas stations, bus compounds, etc.

- Have a co-located site necessary for QA data collection. One location per every six sites is necessary for validation per EPA.

**Bucket Brigade—George Perkins (APCD)**

[ggperk@homer.louisville.edu](mailto:ggperk@homer.louisville.edu)

The “bucket brigade” empowers residents to be physically involved by:

- Measuring everyday air quality.
- Responding to accidental or short-term releases.
- Becoming an effective “watchdog.”
- Providing information to aid in locating long-term or continuous monitors.
- Learning hands-on techniques, possibilities, and limitations of air sampling.

The cost of the project would include:

Sample buckets - \$100 - \$150

Replaceable bags - \$10 - \$15

The organization of the project would include:

“Sniffers”

Samplers

Coordinator

The analysis of the samples and interpretation of the information once gathered must be planned.

A Bucket Brigade Manual, *Communities for a Better Environment*, gives instructions on how to set up a bucket brigade, how to build a bucket, quality assurance and control requirements, and how to take a sample. The address given for this information is”

Communities for a Better Environment

NORAN Project

500 Howard #506

San Francisco, CA 94105

Cost \$15.00

On-site training is available for the cost of transportation and accommodations for two persons from CBE. A three-day training includes:

Day 1 – Orientation and site survey

(Optional day) supervised sampler building

Day 2 – Training workshop

Day 3 – Supervised sampling

Thanks to everyone who attended the June 29<sup>th</sup> meeting to finalize the siting list.

Special thanks to the following organizations for sponsoring our meetings for the months of May, June, and July:

ZEON – Tom Herman  
DuPont – Jonathan Miller  
Riverfields – Meme Runyon