

For the May 20th '07 CEWG meeting

Community-Scale Toxics Monitoring Project

Therese Martinez-Loner, with the City of Albuquerque's Air Quality Division (AQD), presented this topic at the AWMA's (Air and Waste Management Association, Albuquerque Chapter) April '07 monthly luncheon meeting. In 2005, AQD responded to an EPA Headquarters Request for Application (RFA No: OAR-EMAD-05-16, see: www.epa.gov/oar/grants/05-16.pdf for a 16-page copy of the RFA titled: Local-Scale Air Toxics Ambient Monitoring.) A 12-page project plan description was prepared (available at:

www.epa.gov/ttn/amtic/files/ambient/airtox/Albuquerque%20EHD.pdf) which has been funded for the jurisdictional area of the AQD which includes all of Bernalillo County, only. The proposed study is to conduct a Community Scale Toxics Monitoring and Risk Assessment Project for the County. It will include monitoring of most of the 33 high-priority air toxics including volatile organic compounds, carbonyls, polycyclic aromatic hydrocarbons, and heavy metals. Using the resultant chemical, spatial, and temporal information - compiled into a central project database - a series of tools will be used to assess air toxics sources, characterize seasonal and diurnal patterns and spatial variation, and assess the health risk posed to the county residents. Three sites out of the ten existing air monitoring sites were selected as primary to the project. They are: 2ZM at Del Norte High School at San Mateo and Montgomery, 2ZH at the fire station northwest of the intersection of 2nd Street and Alameda Blvd in the North Valley, and 2ZV in the South Valley near the city Sewage Plant. The city has partnered (66%) with the Division of Atmospheric Sciences of the Desert Research Institute, Las Vegas office, on the project.

Three representatives from the CEWG (Bartlit, Littlejohn, Church) were in attendance at the luncheon talk and expressed strong interest in the project as it should have bearing on the issue of toxic emissions from Intel. It's proximity to 2ZH, about two miles northwest is mentioned as a source site of interest in the plan description. There is, of course, a jurisdictional issue in that the AQD is responsible only for Bernalillo County while the State's Air Quality Bureau is responsible for the rest of New Mexico. We will be following this study with keen interest.

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