

**Conference Call Summary
WRAP Attribution of Haze Workgroup
September 7, 2004**

Attendees:

<u>Name</u>	<u>Affiliation</u>
Joe Adlhoch	ARS
Cassie Archuleta	ARS
Tom Moore	WRAP
Mark Fitch	Arizona DEQ
Cara Casten	Wyoming DEQ
Wayne Leipold	Phelps Dodge Copper Company
Brock LeBaron	Utah DEQ
Bob Kotchenruther	EPA Region X
Don Arkell	WESTAR
Jason Walker	NW Band Shoshone Nation
Bob Palzer	Sierra Club
Bob Gruenig	National Tribal Environmental Council
Steve Arnold	Colorado Dept of Public Health and Environment
Tina Suarez-Murias	California ARB
Karen Magliano	California ARB
Neva Sotalongo	California ARB
Jeff Stocum	Oregon DEQ
John Veranth	University of Utah
Dolly Potter	Solvay Minerals
Marc Pitchford	NOAA
Lee Alter	WRAP

Presentation:

ARS presented a short PowerPoint presentation which reviewed the operational project web site (<http://www.wrapair.org/forums/aoh/ars1/index.html>), fire and biogenic EI information, and summaries of EI information for a sample pollutant and state. Similar summaries for other pollutants and states can be found on the project web site.

Fire EI data for the 2002 interim work was based on actual 2002 wildland fire and prescribed fire emissions, and is available only for WRAP states. PM_{2.5} fire emissions were shown to be highly seasonal and dominated by wildfires during May-September of 2002. Prescribed fires, while a lesser contributor overall, dominated PM_{2.5} fire emissions during fall. Oregon was the dominant state contributor to fire emissions during 2002.

Biogenic EI data was modeled from vegetation/land use and meteorological data. Biogenic EI data is available for all 50 states. Biogenic emissions are seasonal, highest during June-September. The magnitude of biogenic VOC emissions by state ranged from North Dakota

(max. summer values ~5,000 tons/day) to California (max. summer values ~40,000 tons per day).

Discussion:

The area source map ARS presented combined all pollutants into a pie chart. Since pollutants have disproportional impacts on air quality and visibility it was agreed that this type of EI presentation should be modified.

ARS requested from the modeling center all state (and Canada and Mexico) emissions used in the phase I modeling effort. These were presented by state as annual totals. Many call participants indicated that they wanted to see higher temporal and spatial resolution. ARS agreed to look into ways to provide this resolution. In addition, ARS agreed to place on the web site pertinent spreadsheet files for AoH members to review.

Tom Moore reported that the modeling center would have a method for separating off-shore emissions from off-road emissions within a few weeks.

It was tentatively decided that the next conference call would be on October 8, but that this date and a time would be finalized at the meeting in Salt Lake City on September 21-22.