

DUST EMISSIONS JOINT FORUM CONFERENCE-CALL MINUTES

January 13, 2004

Attendees:

Lee Alter
Don Arkell
Ed Barry
Chatten Cowherd*
Robert Farber
Bruce Friedl
Lee Gribovicz
Ken Hamilton
Roger Isom
Mel Joseph
Wayne Leipold
Carrie MacDougall
Tom Moore
Duane Ono
Bob Palser
Jean-Paul Huys
Marc Pitchford
Toni Richards
Kermit Snow
Jeffery G. Stocum
Barbara Trost
Earl Withycombe*

Absentees:

Beverly Chenausky
Gail Cooke
Mel Joseph
Gaye Knight
Gerard Mansell
Tom Pace
Bruce Polkowsky
Bruce White
Mary Woods

*Cowherd & Withycombe were not on the call for the discussion of the fugitive dust handbook project.

Carrie MacDougall informed the members/participants that membership letters will be sent to four perspective members, Gail Cooke, Bruce Polkowsky, Gerard Mansell, and Beverly Chenausky.

Carrie also informed the group that she and Duane Ono would be giving a presentation on the Dust Forum's proposed projects and plans for the coming year, at the Technical Summit on January 26th and 27th in Tempe, Arizona. On January 28th and 29th the Modeling Committee will make a presentation on the results of the Emissions Forum's contract on fugitive dust emissions. All Forum members/participants are welcome to attend the meetings. Information regarding the meetings is on the Dust Forum WRAP Webpage.

The next Dust Emissions Joint Forum meeting will be held on February 24th at 9:00 a.m. and February 25th at 8:00 in Las Vegas at DRI. Marc Pitchford and his staff will give a presentation

on their monitoring results for fugitive dust. Carrie suggested that the meeting be setup with conference call capability for individuals that may not be able to attend the meeting.

Rob Farber suggested that, in the future, the meetings be held in cities other than Las Vegas so that the Forum can attract some local people in other areas, with fugitive dust issues. The Forum agreed.

A conference call meeting will be held on February 10th at 10:00 a.m. to discuss the TOC meeting in Tempe, the Modeling Forum results, and to finalize the February 24-25 Las Vegas Dust Forum meeting agenda.

The Forum discussed the following proposed projects:

Members/participants agreed that the preliminary report on 20% Worst Visibility Days need to give a better close up of the WRAP region, highlight the highest values and show a better accuracy of the dust impacts.

Chat Cowherd and Roger Isom have more work to do to define the project to Improve the Estimates of the PM-2.5 Fugitive Dust Emission Factors. The project will be discussed on the February 10th conference call.

Rob Farber questioned whether the Definition of Dust and Dust Emission Types should be addressed using the 4 cell approach: Anthropogenic - Controllable vs. Uncontrollable; Natural – Controllable vs. Uncontrollable, or just develop a general definition which shows two types of fugitive dust sources. The Forum agreed to develop a broad definition then break it into the 4 source categories, using gradation of difficulty as well as the term “reasonably controllable”. The Forum would also suggest polices to determine the feasibility and cost of controls. SIP writers could also use this information. Rob Farber will send out a questionnaire to get feedback from the members/participants on what they believe is Anthropogenic vs. Natural events, prior to the next meeting. Carrie suggested that Rob Farber take the list of fugitive dust sources included in AP-42 as a start, and that forum members could offer their opinion whether a source category was controllable or uncontrollable, and natural or anthropogenic. Forum members/participants could also add to the list if they thought there were other sources.

Carrie explained that the Refine Wind Blown Dust Inventory project would be done in a two-phase approach, focusing on the actual validation of the model (Columbia Basin geographies). This will give another data point from outside the desert areas, working in conjunction with Washington State University and the data they have already compiled. It would also focus more on refining 2.5 fraction in the model and update the WRAP model for fugitive dust. The Forum agreed that the project would be placed on the next meeting’s agenda so that the project description can be further developed and background references be included as well as give everyone the opportunity to review the description since it was initially only sent to Forum members.

The discussion of the Fugitive Dust Handbook was postponed to the end of the conference call, and Earl Withycombe and Chat Cowherd were not on the call for this discussion. Duane Ono

discussed the draft RFP for the Fugitive Dust Handbook and the Website. He explained that the handbook is a comprehensive document on fugitive dust sources. It addresses how to calculate emissions for fugitive dust sources using AP-42, the kind of control techniques that are available for fugitive dust sources and the control cost. It will also include techniques for monitoring compliance with fugitive dust regulations and it will provide examples of regulatory language from various agencies. The information in the handbook and more will be made available through a website so individuals can access the information on line.

Duane stated that if no one had any comments or suggestions he would have Lee Alter make final amendments and move forward with the RFP. It was suggested that the proposal indicate that the bidder have expertise in website design, and that the website be designed so that it is easily updated to incorporate new information. It will be accessible through the WRAP website. The Forum agreed. Lee Alter will post the Final RFP on the WRAP Website.

The Forum suggested sending proposals to the following companies: Environ, DRI, Midwest Research, Sierra Research, Environmental Quality Management, Mactec, ERG, and others.

Lee Gribovicz suggested that a group be selected to review the bids. The following individuals volunteered: Wayne Leipold, Ed Barry, Lee Alter, Toni Richards and Carrie MacDougall. The Forum agreed on 30 days for all bids to be received.

Carrie suggested that the compiled fugitive dust information for emissions estimation methods be expanded beyond AP-42 to include estimate methods that have already been used in SIPs. The Forum agreed.

The next conference call meeting will be held on February 10th at 10:00 a.m. Pacific Time. The agenda will be sent out one week prior to the call.