

Conference Call Notes for September 26, 2006 WRAP Dust Emissions Joint Forum

Participants:

Duane Ono	Lee Alter	Susan Hardy	Gail Cooke
Julia Lester	Richard Countess	Gerry Mansell	Bob Gruenig
Roger Isom	Roel Vining	Barbara Trost	Rodney Langston
Chat Cowherd	Wayne Leipold		

Fugitive Dust Handbook – Congratulations to Richard Countess, Chat Cowherd and their team for completing the update to the Fugitive Dust Handbook. Eight additional fugitive dust source categories were added and all the sections were updated to incorporate the new emission factors for PM_{2.5} that will go into AP-42. The handbook website and emissions calculators were also updated to incorporate these changes. You can download the revised handbook at <http://www.wrapair.org/forums/dejf/fdh/index.html>.

AP-42 Fine Fraction Revisions – Chat Cowherd is preparing a response to comments received by EPA on the proposed changes to the PM-2.5 emission factors for fugitive dust in AP-42. He said that the sand and gravel industry commented that their study confirmed the WRAP dust forum's fine fraction study results that showed that fugitive dust had less PM-2.5 than previously reported in AP-42. Chat plans to send his response to comments to EPA this week.

Salt Creek Wilderness Case Study & Pilot SIP – Julia Lester discussed the Salt Creek case study, which will be part of the report for the Definition of Dust project and is an integral part of the NM Pilot SIP project. A draft version of the Salt Creek case study developed for the definition of dust report is available from ENVIRON's ftp site. A link to the site was previously provided to the forum by email. Gerry Mansell also developed a detailed PM₁₀ dust inventory for the Salt Creek area that is available on the ENVIRON ftp site. Gail Cooke sent out a draft report for the New Mexico Pilot SIP project. The draft SIP report integrates the information from the emission inventory and the definition of dust case study into the assessment of the particulate matter sources that contribute to visibility degradation in the Salt Creek Wilderness Area. The draft SIP also evaluates control measures that can be implemented to help reduce PM and improve visibility. Please review these draft documents and provide comments to Gail, Julia and Gerry by October 13 so they can be incorporated into the final documents.

Future Dust Forum Projects – Lee Alter said that the Dust Forum has \$53,000 available for projects in next year's budget. Even though the Dust Forum's active projects are now coming to an end, more dust projects may be needed to help assist states and tribes with their visibility SIPs. The Dust Forum currently has a proposal to improve the wind blown dust emission inventory by collecting wind erosion measurements in areas of interest. Duane Ono and the Great Basin Unified Air Pollution Control District have offered to provide assistance with a wind erosion monitoring and emission estimation project if any agencies are interested in carrying out a project in their area. <http://wrapair.org/forums/dejf/documents/wbdust/index.html>

New Methods to Estimate Paved Road Dust Emissions - Rodney Langston from Clark County DAQEM said that they recently completed a test of two mobile sampling methods that could be used to estimate re-entrained road dust emissions. These methods may be easier to apply and more accurate than the AP-42 silt measurement method. He said that a draft report should soon be available. Rodney asked for volunteers to help with the peer review, and Duane Ono, Richard Countess and Susan Hardy volunteered. Rodney will give an update on the project during our next conference call.

Next Dust Forum Call – Tuesday, October 24, 2006 at 11 am Mountain.
Call-in number (866) 206-0240, access code 432409.