

## Recap of the January 24, 2007, NW-AIRQUEST Conference Call

### On the call:

- Washington State University (Joe, Brian, & Jen)
- Oregon Department of Environmental Quality (Phil & Christopher)
- Washington Department of Ecology (Sally, Clint, John & Ranil)
- Idaho Department of Environmental Quality (Rick, Wei, Yayi, & Chris)
- BC Environment (Steve)
- Environment Canada (Colin)

### ■ Conference Call Agenda Items:

#### Annual Meeting Minutes Approval and Follow-up Items -

- Agreed the minutes from the annual NW-AIRQUEST meeting held in Lacey are approved as they are
- Agreed that the minutes from each conference call and meeting should be approved and placed on the NW-AIRQUEST Web site
  - Chris agreed to get these minutes from May 2006 until present to Joe and Jen at WSU

#### Working Group Activities and Getting Started -

- A few groups have begun working:
  - Rick Hardy is putting his presentation on Level of Accuracy into a white paper for modeler review. He has it about 50% complete.
  - Steve Sakiyama shared that the PM2.5 speciation group has shared e-mail and agreed to listen into conference calls a similar group in BC holds irregularly. Kathy Himes had been invited and Steve will send an e-mail to Bruce Louks to invite him as well.
    - Brian Lamb asked what equipment was at a PM2.5 speciation monitoring site and how fast the data was available after a sample was taken so as to possibly use the monitoring data in AIRPACT3.
  - Brain also discussed a recent interaction at the AMS meeting during WERF discussion that might yield PBL heights in the Pacific NW from weather balloon data for us to look at.
    - Joe Vaughan added that a Wiki site for interaction on PBL work in the region could be set up by him and Jen Hynes. They need help testing the site when it's ready and these Wiki sites will be useful to all the working groups. Jen will contact us all when volunteers are needed for site testing. It was agreed that a mix of e-mail and the Wiki sites would be useful in the work groups.
- Please start up activity in your work groups if you haven't done so already. We need to keep the momentum going that we created in the annual meeting.

#### PowerPoint Presentations from the Annual Meeting -

- Please e-mail these to Joe and Jen at WSU if you haven't done so already. They will post them to the NW-AIRQUEST Web site. Joe has a number he pulled of Ecology's FTP site already, but 13 might not be all of them. Thanks.

#### Update on Air Directors Meeting (a day after our annual meeting) -

- Bruce Louks and Mike Gilroy were not on the NW-AIRQUEST conference call. Chris Ramsdell shared that he had asked Bruce how that meeting went and that Bruce had shared that the Air Directors agree the "light bill" should be paid and funding kept in place for NW-AIRQUEST products created at UW and WSU.
  - Phil Allen asked about funding prioritization and no one on the call had the needed information. Phil wanted to know if funding at UW and WSU was set properly and how that was or would be decided to ensure we had everything

covered for each product. It was suggested that he e-mail, call, or meet while in Sandpoint with Bruce and Mike.

#### **Open Forum -**

- Brian - The NASA ROSES award arrived. He desires to convene an AIRPACT3 Users Group by phone within six weeks. We all need to get regular users in our agencies to be a part of this to help them meet one of the grant reporting requirements. Further widening of the AIRPACT Users Group will be done with their planned AIRPACT3 road show and training demonstrations.
- Clint - AIRPACT output/observational data. They are plotting data via GIS to make display look reasonable and realistic. Wildfires are avoided and he believes expansion out to Idaho and BC will help with how things look. They are computing a difference between AIRPACT and monitoring sites.
- Brian - Jack Chen has completed evaluation of the August - November 2004 timeframe
- O3 and PM2.5 were looked at since the period coincided with good O3 events and a PM2.5 event, as well as the Gorge study that was done. When the paper has been kicked around a little there, they will share it.
- Clint - Asked about AIRPACT use in Oregon and Idaho. Phil said Oregon needs to look at it and do a comparison. Chris shared that Idaho AQI forecasters were not using AIRPACT much if at all and that we needed to do a comparison as well. He will work with Joe to get monitor locations (lat/lons) to WSU and get a tab-separated list of PM2.5 numbers in return for the locations for use in a comparison with same-day monitor readings.
- Sally - Wood stove inventory used as AIRPACT3 input was found to be in error for Washington and Oregon. The correction would almost cut wood stove emissions in half. Clint shared that he can see the woodstove data in the runs at different times of day (1600 and 2200 local), but not in Idaho where it looks smoother when increasing at those times. This will all be corrected when the EI Work Group gathers the 2005 EI data for use in AIRPACT3 later in 2007. Chris will send a copy of the woodstove survey conducted for two counties in N. Idaho to Washington Ecology and Oregon DEQ for a look.
- Clint - Shared that Mike Gilroy did a look-see at monitoring data for wood burning during the power outages caused by the storms there.

#### **Next Call -**

- The week of March 5 - 9 is six weeks out.
  - Please send agenda items to Chris for this call

Also, if anything above is not accurate, needs further embellishment, or your notes have items I missed completely, please send them in so we can make the needed changes and approve the minutes.

- We did not select an item or two to share with the Air Directors. Should we wait until the next call, or should we pull a few things out via e-mail and send them on?