

Recap of the August 14, 2007 -- NW-AIRQUEST Conference Call

On the call:

- Washington State University (Joe)
- EPA Region 10 (Rob E. & Bob)
- Washington Department of Ecology (Clint, Sally, & Ranil)
- Idaho Department of Environmental Quality (Bruce, Rick, & Chris)
- Oregon Department of Environmental Quality (Phil & Greg)
- British Columbia - (Steve)

■ Conference Call Agenda Items:

June 19 Conference Call Minutes Approval -

- Agreed the minutes from the call held June 19, 2007 were OK as submitted; to be sent to WSU for posting on the Web

Joint Meeting in Seattle - Discussion of EPA Workshop, NW-AIRQUEST Annual Meeting, and MM5 Meeting to be held October 22 - 25, 2007

- According to Rob Elleman, presentations flowed into them when requested and some followed the core themes of the joint meeting and others were more in-line with NW-AIRQUEST project updates or work group discussions.
- As the presentation topics came in and the agendas filled, it seemed necessary to shorten the joint workshop and extend the NW-AIRQUEST meeting time
- The question was asked whether MM5 and NW-AIRQUEST should hold their meetings concurrently, in a joint meeting, or one after another
 - As the membership in each group is largely the same people, concurrent sessions seemed to be ruled out and favor was with one meeting after the other as they fit best in the remaining time.
 - It was then mentioned that the agenda might be shuffled to place the MM5 meeting on Wednesday afternoon and give NW-AIRQUEST a full day on Thursday rather than splitting the NW-AIRQUEST meeting over Wednesday and Thursday. It will be checked with Rob Wilson and others to see if it makes a difference to MM5 what day they have.
- For now, it appears NW-AIRQUEST will have from 1:30 PDT on that Wednesday to about 5 or 5:30 and Thursday morning from 9 to noon. Standby on the possible change to all-day Thursday. Either way, we will have a full 8-hour slot to fill with our agenda.
- The possibility of Neal Franks (EPA - OAQPS) coming out for a speciation work group discussion in the NW-AIRQUEST meeting was discussed. Bob said it was more likely that Mr. Franks would come to a one-day meeting in September to meet with the Speciation Work Group only.

Joint meeting in Seattle / NW-AIRQUEST Draft Agenda - Discussion of presentations, format, organization and timeline for a draft

- Many questions need to be answered regarding what day and how many hours we'll have to use for NW-AIRQUEST. Also, whether Mr. Franks will be included in this meeting or one in September instead. Therefore, we decided to wait one week to get some answers and then craft a draft agenda then within another week's time (by August 28).
- It was agreed that Chris would share Rob's latest EPA draft agenda (8-14-07) for all to see and begin thinking on -- see attached.
- It is important we solicit agenda items from the Air Directors and that we deliver them a draft agenda ASAP. Hence, the two-week turnaround needed on a draft.
- Bruce will ask the Air Directors for agenda items they want to see sometime in the next week.
- We must all suggest, volunteer, or beat the bushes for presentations to fill our time slot. Be thinking work group updates, project updates, and possibly face time in work group break-outs. Thanks in advance.

Working Group Activities -

- Bob - **Speciation Work Group** -- They held another conference call August 1.

- Started the process of making initial data tables of speciated data (2004-2005) for the region. It will have items like EC where available.
 - How will this data be used? They intend to map the data over the region to show components over our area.
 - Planning a September meeting to look at graphs and maps with a possible visit from Neal Franks (EPA-OAQPS) to discuss Sandwich Method.
 - It was asked if Mr. Franks would want to come to the NW-AIRQUEST meeting so we may all hear his discussion. Bob responded that Mr. Franks has no interest in modeling, but that he might reach a larger audience. It all depends on what works best for Mr. Franks. We'll know soon.
- Joe - **Data Sharing for AIRPACT Update** -- Jen Hinds has set-up a Wiki in Wet Paint to see if this work group can work online and have this site host. He'll experiment more with it and then send out an e-mail when it is ready to go.
- Sally - **Data Sharing for AIRPACT Update** -- Held their first conference call for getting a 2008 emissions data set for AIRPACT.
 - Looks like January timeframe for all states and provinces to have 2005 emissions inventory completed.
 - There are QA issues to deal with as each agency uses different methods for data estimation
 - Next call is August 21
 - Those on the first call need to send the two-column data matrix to Sally as was requested.
 - Steve will get Canada going
 - Idaho is in

Project Updates -

- Joe - AIRPACT performance discussions via e-mail have been taking place
 - There are periods where high levels of ozone in the boundary layer are being mixed down - in the downwind areas of Montana and Idaho. WSU produced new boundary condition profiles for this. It can still be mixed down in the model. A new graphic has been added to the AIRPACT Web site in the "Gas Phase Group" UW-O3. This shows the mixing down in a fixed vertical slice. Please take a look.
 - Ranil - High O3 is around 4000 meters, right?
 - Joe - Higher than that typically. We can cap the mix-down, but prefer making the model more accurate and looking at the meteorology (WERF v. MM5)
 - Clint - Is there a way to spread layers in model cut, make us of UW coding?
 - Joe - Possibly. Terrain would be good to have too. UW code and CMAQ (RIP?) was looked at and was too specialized a coding project.
- Ranil - PM10 and PM2.5 contributions from road dust have been changed. Will we account for this calculation methodology change in AIRPACT emissions inventory data for the models?
 - Sally - Washington Ecology already did adjust the road dust calculations as needed.

Next Call -

- We never discussed the next call, but it would be great to have Joe to set-up a Doodle survey again for dates around Tuesday afternoon at 2 p.m. MDT/1 p.m. PDT times about six weeks from now (around September 25) if he'd be so kind to help us out again.