

**National Atmospheric Deposition Program
Spring 2002 Interim Meeting
Asilomar Conference Center
Pacific Grove, CA**

**Data Management and Analysis Subcommittee
Minutes**

Monday, May 6th, 2002

Agenda Item 1. Committee Officers

Gary Lear reported that the current DMAS secretary, Tom Lavery, would no longer be attending NADP meetings. This leaves DMAS with only one officer at the present time. Larson suggested that we wait until the fall meeting to elect new officers so that we get back on a normal rotation. The possibility of changing the office position from the current Chair – Vice Chair – Secretary scenario to one with two co-chairs was discussed. Larson will check on the possibility of this and report back at the fall meeting.

Agenda Item 2. Animated maps

Larson displayed powerpoint files that animate sequences of isopleth maps. Each sequence runs from 1985 to 2000. The animation uses a 1-year time step in which each step showed a three-year precipitation-weighted mean concentration. This helped smooth the animation out. A subset of 150 NTN sites that operated over the entire period was used to produce the maps. The program office has used the animations in a variety of presentations in the past year.

Motion by Rick Artz: Put the animated maps on the Web site with an explanation of the map production criteria.

Seconded by Kathy Tonneson.

Motion carried.

Motion: Put the Mercury maps used in the annual reports on the web site as a stand-alone product.

Seconded by Luther Smith.

Motion carried.

Agenda Item 3. Trajectories

Bob Larson presented some possible enhancements to the Hysplit trajectory plots. The trajectories could be displayed over dynamically

generated background maps showing a variety of information such as emission grids, emission point sources, etc. Lear reported that the online emission database used for the point sources is scheduled for replacement by a different system. General consensus was that adding emission information to the trajectories would be too open for misinterpretation to be useful.

Agenda Item 4. Site Classification

Bob Larson presented a progress report on site classification (Attachment 1).

Agenda Item 5. Minimum Reporting Limits

Karin Harlin reported that the latest CAL audit team suggested that the program use minimum reporting limits (MRL) when reporting data results. The Program Office currently displays the laboratory minimum detection limits (MDL) when distributing data

Motion by Leroy Schroder: Program Office will provide a process to deal with the minimum reporting limits (MRL) for the networks based on the minimum detection limits of the lab.

Seconded by Luther Smith.
Motion carried.

Agenda Item 6. Public Access Site Information

Bob Larson led a discussion regarding public access to detailed site information that is being developed by the Program office. These include the following types of data:

- Site sketches from ATS visits
- Site history table
- Site contacts

Agenda Item 7. Methyl Mercury data

Bob Brunette transferred to the program office all available methyl mercury data except for the data from the Indiana sites. His goal is to have everything up to date by July, and then transmit data every quarter. Larson will develop a method of distributing the data over the web and will present it at the fall meeting.

Agenda Item 8. Uniform Sample Coding

Larson presented a draft scheme for coding NTN data using the sample type, notes and QR codes used by AIRMoN and MDN. The scheme

involves coding all samples as Wet, Dry or Trace, and with a Quality rating code of A, B, or C. C samples are invalid. A samples are those with no problems, while B samples have minor problems but are still considered valid. B and C samples will have one or more "notes" codes that described the problems with the sample. The program office will continue investigation on this scheme and report to the committee when appropriate.