

National Atmospheric Deposition Program
Fall 2005 NADP Annual Meeting
Jackson Hole, WY

Data Management and Analysis Subcommittee
Minutes

Tuesday, September 27, 2005

Minutes from Spring meeting

Bob Brunette moves to approve
Chris Rogers second
Passed

Old Business

Methyl Mercury – need agreement on MDL
Web mapping demo did not get done because of web server difficulties

Methyl Mercury MDL

Following 40CFR as guideline for determining instrument MDL
Collocated MDN site at VT99
Come up with annual number that would apply to all samples within calendar year?
QAAG had problem with using ½ MDL for samples below MDL – use raw value instead?
Charge FGS with coming up with annual MDL (similar to CAL procedure)?
Do MDL twice a year and compile all EMDL, graph them, compare with MDL generated using 40CFR?

Motion: Charge HAL to write up protocol for generating IDL values for total and methyl mercury and averaging those to come up with annual MDL. 2002-2004 MDLs will be provided to PO by the end of October 2005. Pre-2002 values provided to PO by Spring meeting.

By David Gay
Second: Chul-Un Ro
Passed

Which sites are official Methyl Mercury sites and when did data collection start/end?
Approximately 12 sites are/were not official. Bob Larson will work with Kathy McCormick to determine which sites will be available on the web. Also need to determine which sites have not followed a standard sampling protocol.

Next Generation web access

Add time for NTN and AIRMoN

Change date format to 20050910 13:32 (times in GMT)

Add sample identifiers (labno) – helps for people who have questions about samples

Add yrMonth field – identifies which samples to use for each time period (determined by midpoint of sample)

Deposition option – allow people to see weekly value

Invalid sample option – allow users to retrieve chemistry for invalid samples

Two download options

Temporal (current method)

Spatial

- Retrieve data from all sites for one time period
- Additional fields: latitudes and longitudes
- Comma delimited format
- Shapefile format also possible
- Elevation?

Provide data not meeting completeness criteria as an option instead of default.

Election

John Ingrum was elected secretary of DMAS.

Use of Site History

See John Ingrum's presentation. (Attachment 1)

Don Gatz: AWMA publication and DOE publication have analyses on the effects of contamination on individual analytes.

Motion: Form ad hoc committee to assist the CAL in developing specific recommendations for dealing with maximum problem with regard to using site history to screen contaminated samples. Possible solutions include using the 99 percentile and using a floating average. Bob Larson formed the committee including John Ingrum (chair), Van Bowersox, and Chris Lehmann. Ad hoc committee will report back to DMAS at Spring 2006 meeting.

By Gary Stensland

Seconded by Chris Rogers

Passed

Outliers

See Chul-un Ro's presentation. (Attachment 2)

Adjourned