

**National Atmospheric Deposition Program
Fall Meeting 2006, Norfolk, VA**

Data Management and Analysis Subcommittee

Draft Minutes

Tuesday, 10/24/06

Web Page Updates (joint with EROS)

Larson outlined changes being developed in the redesign the NADP website including:

New logo

Menu bar navigation

Access to all 3 networks on homepage

Padgett: Any changes to data access menus? No.

Can we enhance our ability to collect user information via new website? Perhaps – tabled until spring mtg.

Motion by Pam Padgett

DMAS/EROS directs the program office to have new web page up and running (without new data access pages) by spring meeting

Passed

Motion by Gary Lear

Accept NADP logo as displayed on developing website – to be approved by the executive committee.

Second: Jackson/Bowersox

Kerchner: would like to see several logo options before accepting new design

Passed: 9 for, 8 opposed

Old Business

A) AirMon Data Availability

Larson: Motions passed in spring 2006 implementing changes to website with regard to AirMon data are still pending. To eliminate redundancy in making changes, these will be incorporated into new website.

B) Methyl Mercury Database

Validation coding for composites

Larson: Previously a composite sample was valid (A) only if all samples comprising it were “A”

Now relaxed to: Composite sample valid when > 75% of samples comprising it are “A”

Bowersox: Perhaps composite samples could be coded as bulk or undefined based on the overall amount of excess dry deposition over the entire composite sampling period so that they are coded more like an individual sample.

Composite samples containing B.A. samples

Previously blind audit samples have been incorporated into composite samples. G. Wetherbee has remedied this situation. If b.a. samples do not contain methyl mercury corrections to the data may be made.

Motion by Larson: G. Wetherbee should send blind audit known solutions to the HAL in order to determine methyl mercury levels.

Second: Prestbo

Passed

C) Recoding NTN data

D) Changes to NTN data display

E) Updating NTN data validation procedures using site histories

No progress on C-E. Tabled until spring.

F) Electronic raingage data – processing update

Larson: Operators will have desktop application by end of year. Applications for Labs will follow.
Bowersox: Need to consider a paradigm shift in data validation procedures for raingage/collector data; moving from manual to automated procedures.

G) Comparison study between collocated Belfort and electronic gages

Larson: only ~3 sites have collocated gages. We could send Belforts to sites with E-gage only.

Adjourned for lunch

New Business

MDN NCon collectors

Lehmann: NCon collector for MDN approved by joint committee this morning.

How to deal with potential bias in data with new collector? Really a sensor issue; can we replace all sensors in network?

Motion by Lear: 1st ten sites that switch to NCON collector should run ACM in parallel for one year; executive committee should determine funding source.

Second: Larson

Passed

Motion by Larson: DMAS recommends a complete sensor change out for MDN to standardize all sensors in the network. For sites with ETI gages, NCON collector should have the capability of using gage sensor to drive collector.

Passed

Advantages of using IDW and Kriging for interpolations

See presentation by Lear and Ro

Adjourned