

Joint Subcommittee Meeting Minutes
Fall Meeting 2009
Saratoga Springs, NY

Tuesday, October 6, 2009

Meeting 1, 8:00- 9:15 AM

Matt Layden, NOS Chairman, offers a welcome and introduction to the meeting

Greg Wetherbee **Motioned** to approve the Joint Subcommittee meeting minutes from the Sp Meeting in Pensacola, FL

Pam, Padgett **Seconded** the motion

Minutes **Approved**

Program Office Report, David Gay, NADP Coordinator

Summary for the Program Office:

- The number of sites remains good
 - o Some losses and gains
 - o All networks are holding ground
 - 246 NTN sites currently in operation
 - 115 MDN sites currently in operation

- 2008 maps are out

- Contracts with UIUC are going well

- Income good
 - o FY09 ended
 - Went about as predicted
 - Small surplus generated
 - o State budgets are tight but not bad overall
 - Some network losses include sites in VA, FL, NM
 - o NTN network cost increase
 - From \$91 to \$93/sample

- Data Completion
 - o Delays were encountered
 - Mostly due to digital gage data
 - o 2008 data was finished July 15, 2009
 - o The map summary was finished early this year
 - o 1st quarter '09 is almost though the PO
 - The goal is 3 months from lab to the PO

- Ott Pluvio is being replaced by the Ott Pluvio 2
 - o Not an easy install
 - o Very heavy unit
 - The PO has an installation kit
 - Which nearly ready
- Training session
 - o 2nd new-style training session held before the Fall Conference here in Saratoga Springs, NY
 - 13 operators attended
 - Feedback is needed
- Equipment Issues
 - o 2009 had few repairs
 - o The audit program continues
 - o QA documents updated on the website
- Other issues/updates
 - o Ammonia monitoring network continues
 - o Atmospheric mercury initiative
 - Website updated
 - Data available on the website = 26 years of qualified data
 - o Discussion on new goals and priorities

Atmospheric Mercury Network (AMnet), Ad-Hoc Review Committee Report, Mark Nilles, USGS

The Ad-Hoc Review Committee workgroup's mission was to review the Atmospheric Mercury Initiative Report to:

- Ensure that all of the information had been reviewed
- Discuss the initiative proposal for network designation

Minor findings:

- Data release policies
 - o Web access to QA'ed data
 - o QA documents pending
- Air inlet height not specified
- Site liaison position
 - o Very technical
 - o No back-up
- Co-location studies needed to test precision
 - o Need a co-location data plan

Major findings:

- All documents are present
- Proposal compatible with the NADP spirit, design, and intent
 - o Multiple organization support
 - o Directly related to science of bridging atmospheric deposition and ecological effects

- Open and shared data access
 - As well as available

Major recommendations:

- Approval!
- Unanimously and individually communicated recommendations of each workgroup member considered
- The Atmospheric Mercury Initiative should become a new NADP network

Comments:

Cari Furiness: Will this place a burden on the PO?

Response: This is within reason for the PO.

Alan Van Arsdale: What is the geographic distribution of sites? Is there a network design? Are there ecological considerations for siting?

Response: MDN has a similar start. Mercury monitoring concerns are still being determined.

Pam Padgett: Have they considered any operator feedback?

Response (Rick Artz): It takes a lot more dedication and knowledge from operators. They should be made aware of what they are getting into.

(Miriam Pendleton): This requires competent folks, it is not like changing a bucket. Diagnostics are needed [to aid operations].

Cindy Huber: Are these sites co-located with MDN?

Response: Mostly, that is the intent.

Rick Haeuber *Motioned* for the Joint Subcommittee to accept the report of the Ad-Hoc Committee on the Atmospheric Mercury Initiative and recommend that the Executive Committee act to approve the Atmospheric Mercury Initiative as an official monitoring network of NADP based on the final 12-point plan, supporting documentation, and functioning trial network, with the added provision that the issues raised in the minor recommendations of the Ad-Hoc Committee are addressed by Spring 2010.

Rick Artz *Seconded* the motion

The Motion is *Approved*

QA Report, Mark Rhodes, NADP Program Office

Mark comments on the status:

- QAR's and QAP's
- CAL, HAL, and PO Reviews

The PO review team consists of:

- Chris Rogers
- Pam Padgett
- Marty Risch

Issues discussed:

- Site systems review includes:
 - o 1 AIRMoN site
 - o 9 MDN sites
 - o 26 NTN sites
 - o 5 Co-located
- Pending documents include:
 - o NTN operations manual
 - o MDN operations manual
 - o Training videos
 - o SOP's for the PO
- Sharepoint servers:
 - o CAL, HAL, and PO
- Should we digitize all site records?
 - o Would be about 6gigabytes/year
 - o Good student work

Bruce Rodger **Motioned** to approve digitizing all site records

Mark Rhodes proposes an amendment: to eliminate paper records after 2 years

- David Gay comments that paper records are a legal record and that there may be serious issues with discarding them
- David Schmeltz offers that the EPA uses 7years for EPA paper records

Chris Lehmann **Seconded** the motion

Greg Wetherbee suggests that the NADP may need the paper records

Pam Padgett suggests moving the issue to the Executive Committee meeting

- Pam Padgett **Motions** to table the motion for discussion of paper records
- **No Second**

Mark Rhodes retracts the amendment

The **Motion** to begin digitizing all site records **PASSES** with no amendments

Review of special studies ongoing:

- Ring heaters
- Linear actuators
- N-CON dual chimneys
- NTN N-CON collector
- MDN sample train study
- 7 vs. 11 grid sensor
- Belfort/e-gage study
- Network QA records
 - o NTN QR code assignment

Subcommittee Agenda Reviews

Lunch/Break

Meeting 2, 1:30-3:30PM

Briefing on E-gages, Rick Artz, NOAA

Commenting that:

- The ETI and Ott gages are too costly for network operations
- What about the Geonor or Belfort?
 - o Belforts may be a viable option with a price around \$3500
- The NADP should be careful about which equipment we allow or not allow, especially if the equipment meets the NADP requirements.

Recommends that the PO take on the evaluation of other gages in order to accept or refuse new equipment.

Ammonia Monitoring, Melissa Rury, EPA

- Radiello data
 - o 92% valid
 - o 2 new sites
- Problems with:
 - o Some data being pushed to the web
 - o Some of the shipping containers
 - Switched to glass
 - Accuracy +/-17% with triplicate samples
- Next?
 - o Funding
 - o Radiello porosity issue
 - o Finalizing protocols

HAL Review, Mark Rhodes, NADP Program Office

Review summary:

- 16 specific recognitions
- 34 observations
- 34 recommendations
- 7 findings
 - o E-gage records need streamlined
 - o Written document on development of the database needed
 - o SQL server
 - o Electronic integrator
 - o MeHg data not available
 - o E-gage documentation
 - PDA document

NADP Website Update, Bob Larson, NADP Program Office

The new website is launched!

Chris Lehmann: Should we post presentations on the web?

Similar data access with:

- Gif's
- Save as PDF's
- Can see last updates of network data

Subcommittee Reports – See Subcommittee Minutes

NOS – Gary Conley, Ohio University

DMAS – Tom Bergerhouse, NADP Program Office

EROS – Andy Johnson, State of Maine

CLAD – Tamara Blett, National Park Service

NADP Executive Committee Secretary Nominations and Appointment, Tom Butler, Cornell University

- The selection committee will be making a recommendation to the Executive Committee for secretary

Spring 2010 Meeting, Chris Rogers, MACTEC

- Sedona is out
- Austin, TX may be good (as it was the 2nd choice)
- Final decision will be announced

Fall 2010 Meeting, Pam Padgett, USDA – Forest Service

- Tahoe!!
- Airport is located in Reno

2009 Symposium Overview, Greg Wetherbee (for Mark Nilles)

- 7 presentation sessions
- 1 poster session
- Record attendance
- Had to turn away presenters, first time ever
- May need to modify meetings to accommodate growth

Motion to adjourn, All in favor