

**NADP Joint Subcommittees Meeting: Portland , ME
October 2, 2012**

Tuesday, October 2, 2012

Approval of minutes from Spring 2012 meeting, Jason Karlstrom

Motion to approve by Greg Wetherbee, seconded by Maggie Kerchner. Motion passed.

State of the NADP Address, David Gay

NTN Network has 4 new sites but lost 3. Bad news is some of the sites lost have been collecting data since 1984 (e.g., sites in New Mexico).

Current total of 258 NTN sites.

Argentina has been collecting data for 6 to 8 months.

The New York State network will join NADP which will add several sites.

Bromide data are now being collected.

MDN has a total of 111 sites with 18 of them analyzing methyl mercury, 56 are collocated with weekly NTN and 4 are collected with event sampling

One MDN site is still planned for Mexico

AIRMoN keeps moving forward. West Virginia and Vermont sites will continue to collect samples.

AMoN is up to 58 sites with no closures. Three have been added in the past 6 months and several more sites may join the network.

AMNet lost 4 sites but gained 6, currently at 22.

Data available is up to over 160,000 observations.

The Site Liaison continues to help the Global Mercury Observation System (GMOS).

A Southeast Asia workshop was held in Taiwan this past September.

Agreement to estimate dry deposition has been reached with Environment Canada.

Litterfall initiative started in September with 14 sites.

USGS is the contract lab.

SOP's and contracts are in place.

PRISM precipitation data are used in the new annual reports.

Old maps are still available on the web site.

172 publications referenced NADP in 2011.

Earth magazine did a cover story on NADP in July 2012.

Fukushima paper and USGS Open-File report were published.

About 85% of NADP rain gages are now electronic.

Training will now be conducted using monthly webinars.
The CAL will start in January of 2013 and will alternate months with the HAL.

Travel and Presentations:

Workshop on Atmospheric Precipitation in Rome, Italy.
NAQC conference in Denver, CO.
Florida Nuclear Energy Institute, Orlando, FL - Fukushima work.
Taiwan East Asia Atmospheric Mercury Workshop

Income and Expenses

NADP income is 3.3 million which is down about 0.5%
Expenditure breakdown was presented.
Only 5% of the total budget is not fixed.

CAL report, Chris Lehmann

For details see CAL written report, October 2012.
NTN added 9 new sites and 4 closed.
AIRMoN has 7 active sites, steady.
AMoN added 8 sites and 1 closed.
Site support is now handled by Jeff Pribble.
Bromide measurements have potential interference on IC. Investigations continue.
Total N data has been published.
Total P study shows about 2.5% of the samples show a slight increase in concentration from Ortho P to Total P.
Work continues to resolve AMoN travel blank problem. Now using a new cleaning solution after speaking with the passive sampler inventor.
The CAL now uses a new shipping container for AMoN.
Archive sample demand is at the point where we are turning people away.
The 2011 QA Plan is available on the NADP website. The 2011 QA Report is in review.
Data lag to web. NTN: 85 days, AIRMoN: 57 days, and AMoN: 66 days.
The CAL is now scanning field forms.

HAL report, Bob Brunette

MDN sites: gained 5, lost 3.

2010 maps utilized PRISM precipitation data.

WA03 was saved from closure and is operating again.

MDN samplers; 64 ACM, 46 N-CON, 14 Belfort and 96 digital raingages.

The HAL will be hiring a new QA Manager.

HAL Review was conducted on July 10-12, 2012. There were 9 findings, details will be discussed later in Joint.

Continued work on comparing the new SQLserver database to the old MS Access database.

The HAL has been on schedule for deliverables.

2011 HAL QA Report has been posted.

AMoN report, Melissa Puchalski

AMoN added 4 new site for a total of 58 while 3 are pending. No sites were lost.

Half of the CASTNET sites now also have AMoN.

Seasonal trends are being seen on the long term datasets.

Travel blanks have improved since August. Blanks will continue to be shipped with every sample (see NOS notes for upcoming changes).

QAAG is setting criteria for accuracy.

Triplicates will be shipped to 5% of the sites.

AMNet report, Mark Olson

One site was added (MD08) since spring but we recently lost one (OH02) to hold steady at 19.

PA19 is no longer collecting data, but this may change.

WV99 will close November 1, 2012.

EPA continues support for QA work and site visits will continue in 2013.

13 site visits were performed in 2012. Southeast US is still a priority then OK99, NS01 and WI19 being near the top of the list.

Data access is still password protected. A motion will be presented at the spring meeting.

AMNet needs to improve data transfer from the sites to the Program Office. Site liaison will place emphasis in this area.

MOTION: to approve the AMNet Site Performance and System Survey Standard Operating Procedure

Mark Rhodes, seconded by John Sherwell. Motion passed.

Environment Canada will help estimate dry deposition for the network.

Southeast Asian Workshop was held in Taipei, Taiwan in September.

GMOS assistance will continue.

**Afternoon Joint Subcommittee Session
Tuesday, October 2, 2012**

Subcommittee reports were presented. See specific subcommittee minutes for details.

Committee motions and new appointments

EROS: Maggie Kerchner

- No motions

DMAS: Kevin Mishoe

- No motions
- Gerard vander Jagt is the new secretary

NOS: Jason Karlstrom

- 2 motions:
 - Motion: Approve the AMNet Site Performance and System Survey.
 - Motion: Beginning in January 2013 the number of AMoN travel blanks will be one in every fourth set deployed, with the travel blanks being randomly distributed across sites.
- Amy Ludtke is the new secretary

EROS: Elected John Walker – chair and Wayne Robarge as secretary.

CLAD: CLAD has co-chairs – Rich Pouyat is the outgoing co-chair and Jennifer Phelan will be the new co-chair with Jason Lynch. Clara Funk is the new secretary.

TDEP: Kristi Morris

- They will meet on Friday

QA status report, Mark Rhodes

QAAG had a productive conference call on September 20, 2012 and met again yesterday. The 2011 QA reports are posted or are in review.

The CAL Review was performed in July 2011.

The HAL Review was performed July 10-12, 2012. The Review response from the HAL was received.

The Program Office is scheduled for review in 2013. The team will be Lear, Morris and Ludtke.

Site Visits; AIRMoN 1, MDN 25, NTN 64 and AMNet 13.

Bromide data is being reviewed due to identified interferences.

Transition to NTN soft plastic (squishy) bottles has been implemented.

Progress on DQOs' and DQI's has been slow but will continue and be revisited at the spring meeting

AMNoN travel blanks look better (see NOS notes for details).

Discussion about reprioritizing NTN and AIRMoN analytes continues. Historically, 4-6% of NTN samples are wet-dilute, and 3% of the samples are pH-conductivity only. Attempting to quantify variability between unfiltered, undiluted samples, filtered, undiluted samples, and filtered, diluted samples. Study results to be presented in the spring.

Motions from QAAG call on September 20, 2012.

- 1) Site Operators for the wet-deposition network sites will submit an overview photo of their site on an annual basis. This will help identify siting and/or operational problems in a more timely manner.
- 2) Implement a questionnaire (5-10 questions) for site operators to encourage review of important materials (SOPs, training videos, manuals, etc) relating to the operation of the site. Start with survey sites and USGS QA sites.
- 3) Establish a “Clearinghouse” for site operators on the NADP website. Would include links to:
 - a. Operation Manuals
 - b. SOPs
 - c. Memos
 - d. E-gage precipitation data site

Trace Metals, Bob Brunette

A draft 12 point plan was offered and presented to form a Metals Deposition Network. Objectives are to analyze samples for a suite of 14 toxic metals to establish regional and temporal variability.

Many sites are already analyzing samples for trace metals, some back to 1977.

Operating protocols were presented mentioning that they are very similar to those for mercury.

Quarterly reports would be the products produced.

The extra Program Office demand needs to be discussed.

A 6-month time period is needed to work out the details.

HAL Review and Response - Mark Rhodes

HAL review was held July 10-12, 2012, and the results are available on-line.

There were 32 observations and 9 findings. The findings break down as: 2 health and safety, 2 QA, 4 Data Management and 1 Site Liaison.

The HAL has started addressing the findings of which there were no major problems or issues. Mainly involve the recent relocation of the laboratory.

Marty Risch was nominated as Secretary to the Executive Committee.

Motion to approve by Cari Furiness, seconded by Maggie Kerchner. Motion passed.

Fall 2013 Annual meeting and science symposium, Chris Rogers

The 2013 Fall meeting will be held in Whitefish, Montana – maybe.

Motion to adjourn, John Sherwell, seconded by Dave McTavish.
Tuesday, October 2, 2012 @ 15:30