

Minutes of the Spring 2007 Meeting of
the NADP Joint Subcommittees
Wyndham Hotel, Burlington, VT April 11-12, 2007

Please see attachment 1 for the agenda of the Joint Subcommittees. Many agenda items were accompanied by powerpoint slides and the minutes incorporate those slides by reference. The following information supplements the slides.

April 11, 2007

Marty Risch, NOS Chair, called the meeting to order. He provided a summary of the special NADP meeting April 9-10 that focused on the new atmospheric mercury initiative. (A separate record of this meeting will be posted on the web page.)

Program Office Report (attachment 2)

Van Bowersox listed the titles for the sessions at the Fall 2007 science symposium: greenhouse gas mitigation; total nitrogen deposition; ecological impacts; deposition in alpine environments; critical loads; total mercury deposition. Van noted that NADP formally began October 1997 with funding and sampling started summer 1978, making 2007-2008 NADP's 30th anniversary. There are 250 NTN sites and 44 are collocated with MDN sites. He noted the decision structure in NADP had been changed from the Technical Committee to the Executive Committee and documented in a revision to the Quality Management Plan. He reported on issues with MOAs as funding mechanisms for NADP, noting that states trying to use purchase orders were having difficulties getting University approval.

Quality Assurance Report (attachment 3)

Chris Lehmann report and several QA issues. Chris was named the CAL director, succeeding Karen Harlin who will retire. A new QA manager has not been named, but a search is on. The NADP Quality Management Plan was incorporating Data Quality Objectives. Draft Quality Assurance Plans for the CAL and the HAL were being completed this year. A Quality System Review is needed in 2007. Reports on the CAL and HAL reviews are available and will be discussed at this meeting. A 2005 HAL QA report is available. Field operations manuals for NTN and MDN are needed to help with training new operators. Chris's article on trends in ammonia and sulfate deposition will be published in the journal Water Air and Soil Pollution.

Mercury Deposition Network Report (attachment 4)

David Gay reported 101 sites are in the MDN; 21 sites are doing methylmercury analysis; 5 sites are collecting daily samples; 6 sites are classified urban; and 3 sites are doing equipment inter-comparisons. He reported new sites are planned for Kansas, Texas, Salt Lake City, Long Island, Maine, and Florida. 61 new MDN sites were added in the past 7 years. Methylmercury data for 2002—2006 is being added to the data base.

Mercury Analytical Laboratory Report (attachment 5)

Bob Brunette provided a status report on the HAL. To date, the HAL has analyzed 50,000 Hg samples and 5,000 MeHg samples. HAL is currently analyzing 5,000 samples per year and has capacity for 21,000. HAL offers an MDN site startup program for \$500 to set up equipment and train the operators. The HAL will offer MDN site operator training October 9-10 at the NOAA

office at WA18, including 1 day of classroom and 1 day of fieldwork. The HAL building lease was extended to June 2008 and a move may occur in spring 2008. HAL is supporting trace metals analysis at 10 sites using ICPMS analysis.

Central Analytical Laboratory Report (attachment 6)

Karen Harlin made her last CAL report before retirement. CAL remodeling for the shipping supply area will be completed by July. CAL hired 2 more staff recently. David Gay will take over Karen's job overseeing archive samples. The CAL QAP is on line, including 46 SOPs. John Ingram will be leaving HAL and Tom Bergerhouse will take over his data management duties.

New Rain Gages Update (attachment 7)

Bob Larson provided an update on the transition to digital rain gages. A desktop application is being developed to view and annotate the precipitation record. This application, along with a data logger program, a PDA application, and SOPs for installation and operation are planned to be ready by June. Digital gages will be collocated with Belfort gages at some sites to obtain additional performance data. A program is needed to verify checks with calibration weights.

NADP Web Site Update

Bob Larson described the status of revisions to the NADP website. Progress on the home page and network pages has been limited by personnel. A new staff person will be hired to work on the planned revisions.

Ammonia Monitoring Network Proposal (attachment 8)

Gary Lear described a proposal for a monitoring network using passive samplers for atmospheric ammonia (attachment 5). He stated that CAMD had provided \$200,000 seed money for a first phase of 15-20 passive ammonia samplers collocated at CASTNET sites. The passive sampler ammonia data can be compared with ammonia data from data from denuders. A motion was made to approve the passive ammonia study network and the motion passed.

April 12, 2007

NAPAP Briefing

Doug Burns presented a briefing on NAPAP. The last NAPAP report (on the web) was in 2005—an integrated science report on the ecosystem effects of acid deposition. The goal is to raise the visibility of NAPAP by participating in NADP, NARSTO, and updating a website. The next report will incorporate critical loads for the first time.

NARSTO Multi-Pollutant Assessment (attachment 9)

Rich Scheffe presented a briefing on NARSTO, the North American Research Strategy for Tropospheric Ozone. Program emphasis is on assessment of multiple air pollutants and their ecosystem effects in addition to human health effects. The program has two EPA staff with funding from EPA and DOE matched by EPRI and API. Emphasis is synthesis of data, not new research, to provide information and identify information and research needs. The NARSTO schedule includes workshops in 2007-2008 and a report in 2008.

Network Operations Subcommittee Report

Marty Risch summarized the motions and action items of the NOS at the Spring meeting.

Data Management and Analysis Subcommittee Report

John Ingram summarized the activities of the DMAS at the Spring meeting. Gerard Van der Jagt is the new chairman and Tom Bergerhouse is the secretary. The next election is in 2008. A new NADP logo was approved from a set of choices presented to the group.

Ecological Response and Outreach Subcommittee

Pam Padgett summarized the activities of the DMAS at the Spring meeting. Pam will step down as chair after fall 2008. The plan is to amend the QMP to reflect changes to EROS, to list duties and time requirements for officers, and to have an election in the fall. EROS will plan outreach to site sponsors and operators in the vicinity of annual meetings. EROS plans a fact sheet for ammonia deposition and monitoring. EROS will assist with a fact sheet for the atmospheric mercury initiative. EROS will be interested in urbanization effects on NADP sites.

Quality Assurance Advisory Group

Chris Lehmann summarized the activities of the DMAS at the Spring meeting. Greg Wetherbee will be acting as the QAAG chair until a new QA manager is hired. QAAG approved the HAL QA report. QAAG made some recommendations regarding: flagging concentrations less than the reporting limit in the data base; formatting lab review team reports; annual review of lab audit issues; and a quality system review at the end of 2007.

Critical Loads Work Group

Rick Haeuber reported that 35 participants joined in the CLAD Work Group meeting, including 10 on the phone. Critical loads will be part of the NAPAP report. He noted the actions planned before the next meeting: a critical loads technical session at the Boulder NADP meeting; critical loads discussions at other meetings such as the American Geophysical Union and the Ecological Society of America; a brochure about critical loads for the EROS to review; and expansion of web site information on critical loads.

Mercury Dry Deposition Work Group

Eric Prestbo summarized the status and plans for the atmospheric mercury initiative network being started by the work group.

June 2007 Executive and Budget Committees Meetings

Maggie Kirchner announced that the summer meetings would be June 12-13 at O'Callaghans Hotel in Annapolis. All are welcome.

September 2007 Fall Technical Committee Meeting

Van Bowersox as proxy for Tom Butler announced that the fall meeting would be September 10-12 at the Millenium Harvest Hotel in Boulder, followed by a field trip to Rocky Mountain National Park on September 13. Subcommittee meetings will be on September 10; the science symposium will be September 11-12.

Spring 2008 Joint Subcommittees Meeting

Greg Wetherbee presented information about potential locations for the Spring 2008 meeting. A straw poll was completed and the location selected was Pensacola with Asilomar as a backup.

These minutes are respectfully submitted *by* Marty Risch, 2007 NOS Chair.