

**National Atmospheric Deposition Program
Fall Meeting
Washington Hilton Hotel
Washington, DC
Oct 20, 2003**

**Minutes of the NOS Subcommittee session
Submitted by K. Harlin, secretary**

Agenda Item 1: Mark Nilles, NOS Chair, called the meeting to order at 10:30 am. The agenda is attached (see #1a). 23 were in attendance (see #1b). **Scott Dossett moved to accept the minutes from the Spring 2003 meeting. The motion was seconded and passed.**

Agenda Item 2: WA sample type protocol change—NTN, Chris Lehmann, NADP QA Manager

A follow-up to the CAL 2001 audit was the issue of a recommended procedural change to the WA procedure now used for the NTN. See attachment #2.

MOTION: Karen Harlin moved that the NTN use a modified protocol for WA samples that would dilute the samples to 50 mL rather than add 50 mL of diluent to the samples effective 1-1-2004. **The motion was seconded and passed.**

Agenda Item 3: CAL Analytical Method Change, Karen Harlin, CAL Director

The research plan for new method development for ICP-AES and comparison of FAAS and ICP-AES methods for the base cations sodium, potassium, calcium, and magnesium was presented. See attachment #3. **Harlin moved that the CAL begin using ICP-AES for the base cations (sodium, potassium, calcium, and magnesium) beginning 1-1-2004. The motion was seconded and passed.**

Artz moved that a subset of samples analyzed from now to Jan. 1 be analyzed by the CAL by both methods with an emphasis on bias. The CAL will report at the Spring 2004 meeting. Seconded by Latysh. Passed

Agenda Item 4: 4-in-1 mailing protocol test, Karen Harlin, CAL Director

The status of a new mailing protocol which started with 6 USGS sites in May 2003 and expanded to add 14 additional sites in Sept. 2003 was presented. See attachment #4.

Harlin recommended that the CAL continue this protocol for the current 20 sites, modify and troubleshoot the process, and give a complete report at the spring meeting.

Agenda Item #5: NADP Site Visitation Program, John Shimshock, ATS

ATS plans to conduct ~ 100 site audits in calendar year 2003. Most of the selected sites are located in (i) Florida, (ii) the Midwest states, (iii) Oregon and (iv) the mid-Atlantic states. All survey data have been forwarded to the NADP Program Office and the U.S. EPA. A report that summarizes the survey findings for calendar year 2002 has been submitted to the NADP Program Office and the U.S. EPA (ATS is grateful to Messrs. Michael Kolian and Chris Lehmann for their insightful and helpful comments to the drafts).

Agenda Item #6: MDN Rain gage data review, Bob Brunette, HAL Director

This was tabled until the spring 2004 meeting.

Agenda Item #7: HAL-MDN Equipment Depot, Kirsi Longley, HAL Site Liaison
A presentation of the MDN mini-NED was given. See attachment #7.

Agenda Item #8: N-CON version III MDN prototype, Mark Nilles, USGS
The information gained from the Boston Urban Gradient Study with the N-CON mercury sampler newly designed for this project was presented. A poster will be presented on Wed also. See attachment #8.

Agenda Item #9: CRN, new gage and collector testing, NED, Scott Dossett
An update of the CRN sites collocated with NTN and status of the new raingage and collector testing was presented. The NOAH III has not given any false + readings. Four precp. collectors will be tested at the CAL this fall (ACM 301, MIC-100A, N-CON with ETI sensor, and YES TPS3000). Updated NED status was also given. NED under funded and difficult to keep parts stocked and in repair for 300+ sites at \$2/wk. See attachment #9.

Agenda Item 10: NTN Collector dimensions committee report, Scott Dossett
Tabled until Spring 2004 meeting

Agenda Item 11: USGS External QA—What's New?, Greg Wetherbee, USGS
The results of the Blind Audit vs the new Shipping and Handling Evaluation sample programs were presented. The collocated and Field Blank status was also reviewed. New collocated sites are NM07 and TX22 for 2004. Long term collocated site selection is recommended at WI98 and one other site. The USGS has also included mercury for in the external QA testing program including system blanks, field blanks, interlaboratory testing and collocated sites. USGS will also be testing new equipment at an Arvado, CO site.

Agenda Item 12: Network QA report, Chris Lehmann, NADP QA Manager
An overview of network QA issues was presented. See attachment #12. **Nilles moved that the NOS send the HAL response report to the Review team for evaluation. The motion was seconded and passed.**

Agenda Item 13: Election of 2004 NOS Secretary, Mark Nilles, NOS Chair
Mike Kolian was nominated for secretary. No other nominations were presented. Vote was unanimous.

Agenda Item 14: Spring 2004 meeting. Natalie Latysh, USGS
Will be late March or early April near San Francisco.

New Business: Harlin announced that new flexible bucket lids have been found and purchased.

Nilles moved to adjourn at 5:20 pm. Dossett seconded. Passed.