NADP Joint Sub-committee Meeting
Sept. 10, 2002

Agenda Topic 1. CAL report (attachment 1) – Karen Harlin

- NTN has 246 sites as of 9/6/2002. This includes two collocated sites, and represents a growth of 15 sites since the last report on August 2001.
- AIRMoN currently has 10 active sites.
- The CAL inventory requirement of field supplies is now 290 buckets, lids and 1 liter bottles per week.
- The 32nd Site Operation Course was held on April 9-11, 2002. Special sessions for AIRMoN and MDN operators were held. Since 1979, 745 people from 245 sites have attended training at the CAL. The3 next training course is scheduled for April 8-10, 2003.
- NTN lid seal change is scheduled for June 4, 2002.
- 2003 CALendar focuses on 20-year sites.
- The CAL's custom laboratory information management system (LIMS) system in now in place. This system will automatically capture laboratory pH and specific conductance measurements and is used to unput contamination codes and lab comments.
- Possible replacements for the 10-year old AAS instrument are being evaluated.
- NTN active archive and special samples approved aqt the Fall 2001 and Spring 2002 meetings have been shipped to researchers. A NOS ad hoc committee is reviewing cost recovery policies and will report to NOS at the Spring 2003 meeting.

Agenda Topic 2. HAL report (attachment 2) – Bob Brunette

- The HAL has two new employees Gerard Van Der Jagt has been hired as a project manager/analyst. Meghann Clark has been hired as a bottle washer. Dan Leemon, an assistant site laison, will be leaving the program. This brings the current FTEs to 5.5, with a goal of 7 FTEs by the end of the year.
- Data Status
    - 1st Q 2002 to Program Office (PO) 9/9/2002
    - 2nd Q 2002 to PO scheduled for 9/27/2002
    - 3rd Q 2002 Preliminary Data report to sponsors scheduled for 10/25/2002
    - 3rd Q 2002 Preliminary Data report to PO scheduled for 11/25/2002

- Capacity
    - Analyzed 12, 864 Total Hg samples to date
    - Preparing for 8 additional sites

    - Two addition Hg analyzers have been dedicated to MDN.
- Facilities
    - New 700 ft^2 operations area
    - Two dedicated Hg analyzers
    - New sample receiving area
    - New bottle washing room
    - New dedicated Hg lab
    - Tours of the HAL will take place on Wednesday.
- New Initiatives
    - There is increasing interest in trace metals monitoring.
    - HAL resigned the ACM to use a second chimney.
    - HAL designed a trace metals sample procedure
    - 3 yr study is being conducted at WA18.
    - Trace metal dry deposition study will continue through 2002 at NM10. A Hg dry deposition study will take place at Mesa Verde NP.
- Field QA
    - Co-located MDN ACM at IL11
    - Co-located ACM/NCON/MICB at IL11 (completed)
    - Co-located ACM/NCON/MICB at HAL – Oct 2002
    - System blanks will be sent to site Sept. 2002
- Quality Assurance
    - 2001 QA report: waiting for final system blanks
    - 2002 quarterly QA reports will be sent with preliminary data.
    - 2002 HAL interlaboratory Comparison studies will be completed October 2002.
- HAL Audit
    - HAL will be audited in 2003
    - HAL sample archive program
    - External review of HAL QA report
    - MDN external blind audit program
- Frontier/HAL audits and certifications
    - New Jersey
    - USDOE/USEPA
    - South Florida Water Management District
    - Washington State (upcoming)
    - New York State (upcoming)
    - USDOE/USEPA (upcoming)
- Site Start-up/Audit Program
    - 7 new sites and 2 existing sites visited by HAL in 2001
    - 16 operators and observers trained
    - MDN sites to be audited by ATS on a three-year cycle.

- Site Closures & restarts
    - CO99 – down from 7/23/02 – 8/27/2002 due to forest fire

    - NH00 – shutdown on 6/25/2002 due to funding problem, may restart
    - NH05 – shutdown indefinitely on 7/02/2002 due to funding problem
    - NM10 – Potential 2003 funding issue
    - NB02 - Potential 2002 funding issue
- HAL NED Update
    - 10 of each replacement part
    - Belfort clock and 11 grid sensor change out
    - barcode system proposed
    - software similar to CAL's NED
- MDN Site Moves
    - CA97 moving 120 SW of original site
- Site liaison activities
    - Supplied each site with Belfort calibration check weights
    - Quarterly Belfort calibration checks
    - ACM chimney cap retrofit
    - Network wide seal change in Nov 2002
    - Spring 2003 operator training – Seattle

Agenda Topic 3 - QA Program Status Report (attachment 1) – Chris Lehman

- Data Quality Objectives (DQO)
    - Clarify technical and quality objectives
    - Define the appropriate type of data
    - Specify tolerable levels of decision error
- DQO Definition process
    - Define the problem
    - Identify decisions to be made
    - Identify key inputs
    - Define boundaries
    - Define decision rules
    - Specify tolerable error limits
    - Optimize design
- NADP DQO development
    - Coordinated by QA advisory group
    - Input from subcommittees
    - Identify how QA activities support DQOs
- QA Advisory Group
    - First met at Spring 2002 meeting
    - July 2002 – made permanent by Exec committee
    - Members include representatives from USGS, EPA, A STATE AGENCY, CAL, HAL, and PO QA manager
- QA Advisory Group charges
    - Review and update documentation
    - Review QA documents and reports
    - Advise the QA manager

    - Coordinate QA matters assigned by Exec Committee
    - Suggest areas of QA research to Exec Committee
- Documentation status
- NADP Quality management plan: draft in progress, goal to finish by 11/2002
    - Network QA Plans: revise by end of 2003
    - Laboratory QA plans: current version are available
- QA Activities
    - Site remedial actions
    - Notifying users of deviations from site criteria
    - Data minimum reporting limits
    - Data system audits
    - QA web page
- Remedial actions
    - Address criteria within 30 meters
        - Vegetation > 0.6 m tall
        - Object > 1 m tall within 5 m of collector
        - 45 degree rule
    - poster presentation of results
    - 95 mailings sent, 74 responses. 25 completed complied, 18 partially, 28 took no remedial action
- notifying users of siting criteria deviations
    - motion passed during 2002 NOS meeting
    - database under development
    - data being verified dy operators and supervisors
- Data minimum reporting limits
    - MRL define the smallest measured concentration of a compound that can be reliably reported using a given analytical method
    - Will be discussed at DMAS
- Data system audits
    - CAL audited in 1999
    - Evaluate data systems
    - Will be discussed at DMAS