

United States Government

Department of Energy

Carlsbad Field Office
Carlsbad, New Mexico 88221**memorandum**

DATE: September 6, 2002

REPLY TO
ATTN OF: CBFO:QA:MLC:VW:02-1281:UFC:2300

SUBJECT: Audit (A-03-07) of Los Alamos National Laboratory Manual Headspace Gas Sampling

TO: James Nunz, DOE-LASO

Attached is a revised audit plan for A-03-07. The plan was revised to add manual headspace gas sampling and to change the audit number to reflect that the audit will be performed in fiscal year 2003. This audit was originally numbered A-02-28. The CCP on-line headspace gas sampling and analysis unit has been deleted from the scope of this audit.

If you have any questions or comments concerning the audit, please contact me at (505) 234-7442.

M. Lea Chism //signature on file//
M. Lea Chism
Quality Assurance Specialist



Attachment

cc: w/attachment
 T. Harms, DOE-HQ *ED
 K. Watson, CBFO *ED
 R. Erickson, LASO *ED
 G. Rodriguez, LASO *ED
 D. Newell, LASO *ED
 D. Winters, DNFSB *ED
 B. Walker, EEG *ED
 E. Feltcorn, EPA *ED
 M. Eagle, EPA *ED
 S. Zappe, NMED *ED
 S. Holmes, NMED *ED
 P. Rogers, LANL *ED
 M. Gavett, LANL *ED
 W. Ledford, CTAC *ED
 T. Bowden, CTAC
 CBFO QA Record File
 CBFO M&RC

*ED denotes electronic distribution

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CARLSBAD FIELD OFFICE AUDIT PLAN (Rev. 2)

Audit Number: CBFO A-03-07

Organization to Be Audited: Los Alamos National Laboratory (LANL)

Organizations to Be Notified: Los Alamos National Laboratory (LANL)
New Mexico Environment Department (NMED)
Environmental Protection Agency (EPA-ORIA)
Environmental Evaluation Group (EEG)
Defense Nuclear Facilities Safety Board (DNSFB)

Date and Location: October 7 to 10, 2002
Los Alamos, New Mexico

Audit Team:

Wayne Ledford	Audit Team Leader, CTAC
Steve Calvert	Auditor, CTAC
Steve Davis	Auditor, CTAC
Dorothy Gill	Technical Specialist, CTAC

Audit Scope:

The audit will evaluate the adequacy, implementation, and effectiveness of obtaining manual samples of headspace gas (HSG) in Summa® canisters and utilizing the INEEL laboratory for analytical services. Compliance with the WIPP Hazardous Waste Permit Waste Analysis Plan and CBFO Quality Assurance Program Document will be evaluated.

Activities to be Audited:

The following LANL quality assurance elements as applied to the manual HSG sampling will be evaluated:

- Personnel Qualification and Training
- Procurement
- Document Control

The following LANL Characterization/Certification technical elements will be evaluated:

- Headspace Gas Sampling and Analysis
- Project Level Data Verification and Validation

Governing Documents/Requirements:

Adequacy evaluations of new and revised LANL site and TRU Waste Certification Program (TWCP) specific documents will be based on the current revisions of the following documents:

CBFO Quality Assurance Program Document, CAO-94-1012

WIPP Hazardous Waste Facility Permit

Programmatic and technical checklists will be developed from the active revision of the following documents:

LANL Transuranic Waste Quality Assurance Project Plan (QAPjP), TWCP-PLAN-0.2.3-001

Related LANL technical and quality assurance implementing procedures

Schedule of Audit Activities:

A preaudit conference is scheduled for 3:00 p.m. Monday, October 7, 2002, in the designated area at LANL.

A postaudit conference is scheduled for Thursday, October 10, 2002, at 4:00 p.m. in the designated area at LANL.

Prepared By: signature on file
Wayne Ledford, Audit Team Leader

Date: _____

Approved By: signature on file
Ava L. Holland,
CBFO Quality Assurance Manager

Date: _____