



Department of Energy
Carlsbad Field Office
P. O. Box 3090
Carlsbad, New Mexico 88221
MAR 29 2012

ENTERED



Mr. John Kieling, Acting Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303

Subject: Transmittal of the Audit Plan and Notification of Assigned Auditors for
CBFO Audit A-12-11 of the Hanford Site Central Characterization Project

Dear Mr. Kieling:

This letter transmits the audit plan for Carlsbad Field Office (CBFO) Recertification Audit A-12-11 of the Hanford Site Central Characterization Project transuranic waste characterization activities. The audit will be conducted as required by the Waste Isolation Pilot Plant Hazardous Waste Facility Permit (HWFP), and will take place at the Skeen-Whitlock Building in Carlsbad, New Mexico. The audit plan identifies the audit team members as required by the HWFP. The audit is scheduled to take place May 15-17, 2012.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions, please contact Mr. Randy Unger, Director of the Office of Quality Assurance, at (575) 234-7065.

Sincerely,


Jose R. Franco, Manager
Carlsbad Field Office

Enclosure



Mr. John Kieling

-2-

MAR 29 2012

cc: w/enclosure

E. Ziemianski, CBFO	*ED
R. Unger, CBFO	ED
C. Fesmire, CBFO	ED
R. Farrell, CBFO	ED
J. R. Stroble, CBFO	ED
G. Basabilvazo, CBFO	ED
N. Castaneda, CBFO	ED
S. McCauslin, CBFO	ED
T. Kliphuis, NMED	ED
T. Hall, NMED	ED
S. Holmes, NMED	ED
R. Maestas, NMED	ED
T. Kesterson, NMED/DOE OB	ED
J. Marple, NMED/DOE OB	ED
D. Winters, DNFSB	ED
E. Bradford, CTAC	ED
M. Mager, CTAC	ED
WIPP Operating Record	ED
CBFO QA File	
CBFO M&RC	

*ED denotes electronic distribution

CARLSBAD FIELD OFFICE (CBFO) AUDIT PLAN

Audit Number: A-12-11

Organization to be Audited: Hanford Site, Washington TRU Solutions LLC (WTS)
Central Characterization Project (CCP)

Organizations to be Notified: Hanford Site
WTS
New Mexico Environment Department (NMED)
Defense Nuclear Facilities Safety Board (DNFSB)
Environmental Protection Agency (EPA)

Date and Location: May 15 – 17, 2012
Carlsbad, New Mexico

Audit Team:

Courtland Fesmire	CBFO Quality Assurance Representative
Earl Bradford	Audit Team Leader, CBFO Technical Assistance Contractor (CTAC)
Charlie Riggs	Auditor, CTAC
Tammy Bowden	Auditor, CTAC
Jack Walsh	Auditor, CTAC
Greg Knox	Auditor, CTAC
Rick Castillo	Auditor, CTAC
Katie Martin	Auditor, CTAC
Dick Blauvelt	Technical Specialist, CTAC
Paul Gomez	Technical Specialist, CTAC
Mavis Lin	Technical Specialist, CTAC
James Oliver	Technical Specialist, CTAC
Rhett Bradford	Technical Specialist, CTAC

Audit Scope:

The audit team will evaluate the adequacy, implementation, and effectiveness of the Hanford/CCP technical and quality assurance (QA) activities performed at the Hanford Site for characterization and certification of contact-handled (CH) Summary Category Groups (SCG) S3000 solids waste and S5000 debris waste. The audit will evaluate documentation in support of transuranic (TRU) waste activities performed from the date of the previous recertification audit (A-11-10) through the end of September 2011.

Hanford/CCP has not characterized any waste after September 2011, and no TRU waste characterization activities will be performed or evaluated at the Hanford Site during the audit. CCP operations at the Hanford Site have been discontinued. When Hanford/CCP field activities resume at Hanford, an audit will

be performed to evaluate waste characterization activities before Hanford/CCP will be authorized to characterize and certify containers for shipment to the Waste Isolation Pilot Plant (WIPP).

The audit will be performed in the Skeen-Whitlock Building in Carlsbad, New Mexico.

See the attached "Processes and Equipment to be Audited During Audit A-12-11 of Hanford/CCP" for additional details.

Governing Documents/Requirements

Evaluation of the overall program adequacy and effectiveness of Hanford/CCP documents will be based on the current revisions of the following documents:

- *CBFO Quality Assurance Program Document (QAPD)*, DOE/CBFO-94-1012
- *Hazardous Waste Facility Permit (HWFP)*, Waste Isolation Pilot Plant, EPA No. NM4890139088-TSDF, the New Mexico Environment Department
- *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant (WAC)*, DOE/WIPP-02-3122

Programmatic and technical checklists will be developed from the current revisions of the following documents:

- *CCP Transuranic Waste Characterization Quality Assurance Project Plan (QAPjP)*, CCP-PO-001
- *CCP Transuranic Waste Certification Plan*, CCP-PO-002
- Related CCP QA and technical implementing procedures

Activities to be Audited:

A list of processes and equipment to be audited is included as Attachment 1.

General

- Results of previous audits
- Changes in programs or operations
- New programs or activities being implemented
- Changes in key personnel

- Nonconformances
- Personnel Qualification and Training
- Records

Technical Activities

- Generation and Project Level Data Validation & Verification (V&V)
- Acceptable Knowledge (AK)
- Real-time Radiography (RTR)
- Visual Examination (VE)
- Headspace Gas (HSG) Sampling
- Nondestructive Assay (NDA)
- Waste Certification (e.g., Waste Stream Profile Form)
- WIPP Waste Information System (WWIS)/Waste Data System (WDS)

Schedule of Audit Activities:

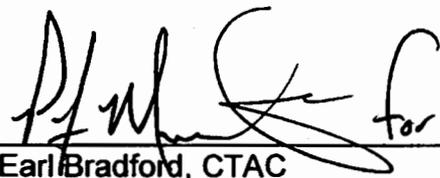
A pre-audit conference is scheduled for Tuesday, May 15, 2012, at 8:00 a.m.

Audit team caucus meetings will be held Tuesday, May 15, and Wednesday, May 16, 2012, at 4:00 p.m., and Thursday, May 17, 2012, at 2:00 p.m.

The audit team leader will conduct management briefings with appropriate Hanford/CCP management personnel Wednesday, May 16, and Thursday, May 17, 2012, at 8:30 a.m.

A post-audit conference is scheduled for Thursday, May 17, 2012, at 4:00 p.m.

All meetings will take place at the designated locations at the Skeen-Whitlock Building in Carlsbad, New Mexico.

Prepared by: 
Earl Bradford, CTAC
Audit Team Leader

Date: 3/20/2012

Concurrence: 
Randy Unger, CBFO
Quality Assurance Director

Date: 27 MAR 12

WIPP #	Process/Equipment Description	Applicable to the Following Waste Streams/Groups of Waste Streams	Currently Approved by NMED	Currently Approved by EPA
PREVIOUSLY APPROVED PROCESSES OR EQUIPMENT				
18GEAA	Radiological Characterization by NDA – Hanford Gamma Energy Assay System Unit A – 55-gallon drums Procedure – CCP-TP-071	Debris (S5000) Solids (S3000)	N/A	YES
18GEAB	Radiological Characterization by NDA – Hanford Gamma Energy Assay System Unit B – 55-gallon drums Procedure – CCP-TP-071	Debris (S5000) Solids (S3000)	N/A	YES
18SHENC	Super High Efficiency Neutron Counter "A" Platform (SHENC) Procedure – CCP-TP-137	Debris (S5000) Solids (S3000)	N/A	YES
18RTRA	Real-Time Radiography System – 55-gallon drums Procedure – CCP-TP-053	Debris (S5000) Solids (S3000)	YES	YES
18RTRB	Real-Time Radiography System – 55-gallon drums Procedure – CCP-TP-053	Debris (S5000) Solids (S3000)	YES	YES
18HERTR	High-Energy Real-Time Radiography System – 55-/85-gallon drums and SWBs Procedure – CCP-TP-053	Debris (S5000) Solids (S3000)	YES	YES

Attachment I

WIPP #	Process/Equipment Description	Applicable to the Following Waste Streams/Groups of Waste Streams	Currently Approved by NMED	Currently Approved by EPA
18RLVE	Visual Examination Process – SWB and 55-gallon drums Procedure – CCP-TP-113	Debris (S5000)	YES	YES
N/A	Solids Sampling and Analysis ¹	Solids (S3000)	YES	YES
N/A	Headspace Gas Sampling ² Procedure – CCP-TP-093	Debris (S5000)	YES	YES
N/A	Acceptable Knowledge Procedure – CCP-TP-002 and CCP-TP-005	Debris (S5000) Solids (S3000)	YES	YES
N/A	Data Generation and Project Level Validation & Verification (V&V) Procedure – CCP-TP-001	Debris (S5000) Solids (S3000)	YES	YES
N/A	WIPP Waste Information System (WWIS)/Waste Data System (WDS) Procedure – CCP-TP-030	Debris (S5000) Solids (S3000)	YES	YES
N/A	Quality Assurance	Debris (S5000) Solids (S3000)	N/A	YES

¹ Solids Sampling and Analysis - Coring is performed by AMWTP, core samples are analyzed by INL/CCP Labs

² Headspace Gas Sample Analysis is performed by INL/CCP Labs