

United States Government

Department of Energy

memorandum

 Carlsbad Field Office
 Carlsbad, New Mexico 88221


DATE: JUL 20 2010

REPLY TO
ATTN OF: CBFO:QA:MPN:MAG:10-1346:UFC:2300.00

SUBJECT: Surveillance Report for Surveillance S-10-32 of the Hanford Central Characterization Project
Headspace Gas Waste Sampling

TO: Larry D. Romine, DOE-RL

Surveillance S-10-32 of the Hanford Central Characterization Project (Hanford/CCP) Headspace Gas Waste Sampling was conducted on July 13, 2010. The surveillance report is attached.

The surveillance team concluded that the Hanford/CCP technical and quality assurance programs for the processes evaluated were adequate, satisfactorily implemented, and effective.

If you have any questions or comments, please contact me at (575) 234-7483.

Martin P. Navarrete
 Senior Quality Assurance Specialist

Attachment

cc: w/attachment

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T. Peake, EPA	ED	WIPP Operating Record	ED
M. Eagle, EPA	ED	CBFO QA File	
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*ED denotes electronic distribution

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CBFO SURVEILLANCE REPORT

Surveillance Number: S-10-32 **Date of Surveillance:** July 13, 2010

Surveillance Title: Hanford Site Central Characterization Project (HNF/CCP) Headspace Gas Sampling Processes

Organization Surveilled: HNF/CCP

Surveillance Team:

Paul C. Gomez	Team Leader, CBFO Technical Assistance Contractor (CTAC)
William J. Verret	Technical Specialist, CTAC

Surveillance Scope:

The surveillance team evaluated the activities associated with HNF/CCP headspace gas sampling activities at the Hanford Site facility. The surveillance was conducted at the Waste Receipt and Packaging (WRAP) facility Building 2404-WC.

Surveillance Purpose:

This surveillance was intended to provide assurance that HNF/CCP headspace gas sampling operations were adequate, satisfactorily implemented, and effective. The surveillance team focused on evaluation of sample collection, sample custody, sample preparation, and sample procedure.

Activities Evaluated:

Summary Category Group S5000 debris waste activities performed by HNF/CCP include sample collection, sample preservation, and sample custody for headspace gas. Waste sampling procedure CCP-TP-093, Rev. 13, *CCP Sampling of TRU Waste Containers*, and governing documents were reviewed prior to the surveillance and the B6-4 checklist for headspace gas sampling was used. Surveillance activities commenced and ended July 13, 2010, at the 2404-WC Building. The primary focus of the surveillance was container sampling and adherence to the procedures.

The surveillance focused on the completion of headspace gas sampling operations performed at the Hanford facility. Thirteen samples were collected during the surveillance creating sampling batch data report RLHSGS100002. The surveillance team reviewed the sampling for technical adequacy, logbook notation, and proper execution of sampling requirements. Staff interviews were conducted to address questions and further evaluate the results of checklist questions. In general, the surveillance team found that sampling activities were performed in accordance with

requirements. Records activities, both written and electronic, were found to be satisfactory. Evidence of activities such as BDR preparation with completed forms were prepared for the independent technical review (ITR) and were included in the sampling BDRs. Material and Testing Equipment was evaluated for the sampling and no concerns were found. No nonconformance reports (NCRs) were found associated with the sampling activities observed.

A field blank and drum duplicate sample were taken during the course of the sampling evolution. Field Reference Standard (FRS) collection has been suspended per successful completion of previous FRS sampling, as authorized by the Permit. The sampling demonstration was found to be compliant and satisfactory.

Overall, sampling activities were found to be adequate, satisfactorily implemented, and effective.

Changes in Programs or Operations:

No changes in programs or operations will take place as a result of this surveillance.

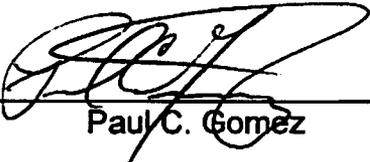
Governing Documents/Requirements:

Evaluation of the overall program adequacy and effectiveness of HNF/CCP documents was based on the current revisions of the following documents:

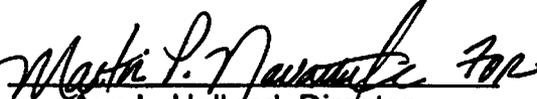
- *Quality Assurance Program Document (QAPD), DOE/CBFO-94-1012*
- *Hazardous Waste Facility Permit Waste Isolation Pilot Plant, EPA No. NM4890139088-TSDF, the New Mexico Environment Department*
- *Transuranic Waste Acceptance Criteria for the Waste Isolation Pilot Plant (WAC), DOE/WIPP-02-3122*
- *CCP-TP-093, Rev. 13, CCP Sampling of TRU Waste Containers*

Surveillance Results:

No concerns were identified during the surveillance. The results of the surveillance indicate that the HNF/CCP activities related to headspace gas sampling operations are adequate, satisfactorily implemented, and effective.

Surveillance Team Leader:  Date: 7/19/10
Paul C. Gomez

Assistant Manager/Office Director: N/A Date: N/A

CBFO QA Director Approval:  Date: 7-20-10
Ava L. Holland, Director
Office of Quality Assurance