



United States Government

Department of Energy

memorandum

Carlsbad Field Office
Carlsbad, New Mexico 88221

DATE: MAR 15 2013

REPLY TO
ATTN OF: CBFO:OQA:MN:CC:13-1359:UFC 2300.00

SUBJECT: Surveillance S-13-21 of the AMWTP Compacted Waste Process

TO: Bill Lattin, DOE-ID



Please be advised that a Carlsbad Field Office surveillance team will conduct a surveillance of the Advanced Mixed Waste Treatment Project (AMWTP) compacted waste process at the Idaho National Laboratory (INL) near Idaho Falls, Idaho, March 20 – 21, 2013.

The AMWTP documentation and process using the Supercompactor for visual examination (VE) activities of Summary Category Group S5000 debris waste will be evaluated during the surveillance. The surveillance will be conducted in accordance with the attached surveillance plan. No observers will be present during the surveillance.

Your representatives are requested to coordinate with the surveillance team to develop the necessary documentation for the audit team to access the AMWTP facilities, conduct the surveillance, and have appropriate access to necessary documentation and records.

Due to the limited scope of the audit, pre- and post-surveillance meetings will not be held. The surveillance team will need a full set of documentation applicable to the AMWTP VE characterization activities utilizing the Supercompactor for S5000 debris waste.

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

Martin Navarrete
Senior Quality Assurance Specialist

Attachment



Mr. Bill Lattin

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cc: w/attachment

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WIPP Operating Record	ED
CBFO QA File	
CBFO M&RC	

*ED denotes electronic distribution

**CARLSBAD FIELD OFFICE
SURVEILLANCE PLAN**

Surveillance Number: S-13-21

Organization: Advanced Mixed Waste Treatment Project (AMWTP)

Date and Location of Surveillance: March 20 – 21, 2013
Idaho National Laboratory (INL) near Idaho Falls, Idaho

Surveillance Team:

Martin Navarrete	Carlsbad Field Office (CBFO) Quality Assurance Management Representative
Porf Martinez	Surveillance Team Leader, CBFO Technical Assistance Contractor (CTAC)
Rhett Bradford	Technical Specialist, CTAC

Surveillance Purpose/Scope:

CBFO Surveillance S-13-21 will evaluate the use of the Supercompactor to breach prohibited containers and remove prohibited items from 55-gallon drums of Summary Category Group S5000 debris waste through the compaction process. The surveillance team will review AMWTP Engineering Design files supporting that prohibited items (i.e., compressed gases and inner containers with prohibited amounts of liquid) are effectively eliminated through the compaction of 55-gallon drums.

The Supercompactor was certified through CBFO Audit A-13-01, conducted October 15 – 18, 2012, for the purpose of compacting S5000 debris waste containers into pucks as part of the visual examination process for the repackaging of pucks into virtual puck drums.

Activities to be Assessed:

The surveillance team will perform a review of AMWTP Engineering Design files and AMWTP procedures INST-FOI-20, Revision 37, *Supercompactor and Post-Compaction Operations*, and INST-OI-12, Revision 50, *Real-Time Radiography Examinations (Certification Scans)*.

Governing Requirements Documents:

The degree of compliance will be determined through evaluation of current revisions of the following requirements documents, engineering design files, and the AMWTP implementing procedures.

- Waste Isolation Pilot Plant Hazardous Waste Facility Permit NM48900139088-TSDF
- DOE/CBFO-94-1012, *Quality Assurance Program Document (QAPD)*
- INST-OI-12, *Real-Time Radiography Examinations (Certification Scans)*
- INST-FOI-20, *Supercompactor and Post-Compaction Operations*

- AMWTP Engineering Design File EDF-0768, *Analysis of Using Supercompaction as Treatment for the Removal of Liquids and Rupture of Aerosol Cans*
- AMWTP Engineering Design File EDF-0783, *Deflagration Analysis of Aerosol Can Propellant in the Supercompactor Glovebox*

Schedule of Surveillance Activities:

The surveillance will begin at 8:30 a.m. on March 20, 2013, and will conclude at 4:30 p.m. on March 21, 2013.

Due to the limited scope of this surveillance, pre- and post-surveillance meetings will not be held.

Prepared by: Cindi Castillo for Date: 3/14/13
Porf Martinez, CTAC
Surveillance Team Leader

Concurrence by: Martin Navarrete Date: 3-15-13
SEN. Martin Navarrete, CBFØ
Quality Assurance Specialist