

United States Government



Department of Energy

memorandum

Carlsbad Field Office  
Carlsbad, New Mexico 88221



DATE: SEP 15 2011  
REPLY TO  
ATTN OF: CBFO:OQA:CGF:ANC:11-1912:UFC 2300.00  
SUBJECT: Transmittal of Surveillance Report for Surveillance S-11-30 of the AMWTP VE of Summary Category Group S3000 Waste  
to: William (Bill) Lattin, DOE-ID

On August 30, 2011, the Carlsbad Field Office conducted Surveillance S-11-30 of the Advanced Mixed Waste Treatment Project (AMWTP) visual examination (VE) operations performed at the Idaho National Laboratory for characterizing Summary Category Group S3000 contact-handled homogeneous solids waste. The surveillance team evaluated operations in accordance with AMWTP procedure INST-FOI-22, Rev. 0. The surveillance report is attached.

The surveillance team concluded that the AMWTP technical and quality assurance programs for the process evaluated were adequately established for compliance with upper-tier requirements, satisfactory in the implementation of these requirements, and effective in achieving the desired results. Relevant VE training and qualification records and batch data reports will be evaluated during the AMWTP recertification audit tentatively scheduled for October 18-20, 2011.

If you have any questions concerning the attached report, please contact me at (575) 234-7548.

Courtland G. Fesmire, P.E.  
Quality Assurance Engineer

Attachment

cc: w/attachment

- |                        |     |                                |    |
|------------------------|-----|--------------------------------|----|
| R. Unger, CBFO         | *ED | J. Kieling, NMED               | ED |
| J. R. Stroble, CBFO    | ED  | T. Hall, NMED                  | ED |
| H. Budweg, CBFO        | ED  | S. Holmes, NMED                | ED |
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| T. Fallon, AMWTP       | ED  | G. Lyshik, LANL-CO             | ED |
| T. Peake, EPA          | ED  | G. Knox, CTAC                  | ED |
| M. Eagle, EPA          | ED  | M. Mager, CTAC                 | ED |
| E. Feltcorn, EPA       | ED  | WWIS Database Administrators   | ED |
| R. Joglekar, EPA       | ED  | WIPP Operating Record          |    |
| S. Ghose, EPA          | ED  | CBFO QA File                   |    |
| R. Lee, EPA            | ED  | CBFO M&RC                      |    |

\*ED denotes electronic distribution



## CBFO SURVEILLANCE REPORT

**Surveillance Number:** S-11-30

**Date of Surveillance:** August 30, 2011

**Surveillance Title:** Advanced Mixed Waste Treatment Project (AMWTP) Visual Examination of Summary Category Group S3000 Waste

**Organization Surveilled:** AMWTP

**Surveillance Team:**

Greg Knox	Surveillance Team Leader, CBFO Technical Assistance Contractor (CTAC)
Rhett Bradford	Technical Specialist, CTAC

**Surveillance Scope:**

The scope of the surveillance was to observe and evaluate the AMWTP visual examination (VE) operations performed at the Idaho National Laboratory for characterizing Summary Category Group (SCG) S3000 contact-handled (CH) homogeneous solids waste. The surveillance team evaluated operations in accordance with AMWTP procedure INST-FOI-22, Rev. 0. VE training and qualification records and batch data reports will be evaluated during the AMWTP recertification audit tentatively scheduled for October 25 – 27, 2011.

**Surveillance Purpose:**

This surveillance was intended to provide assurance that AMWTP operations requirements, as performed by the current contractor, are adequate, satisfactorily implemented, and effective. The surveillance team verified the performance of VE activities to support initial certification of VE characterization activities of SCG S3000 waste for the upcoming annual recertification audit. As contract turn-over is scheduled for October 1, 2011, this surveillance was performed to assure continuation of VE characterization activities.

**Activities Evaluated:**

The surveillance team reviewed procedure INST-FOI-22 Rev 0, *Visual Examination of S3000 Waste in the Facility*. The team toured AMWTP VE facilities and interviewed personnel involved in this process. The team observed video of the VE characterization of multiple drums. Observation of the actual process was not possible because of computer problems. The process was completed and verified to the procedure and appeared adequate. The data packages and training, along with a second evaluation of the process, will take place in October during AMWTP Recertification Audit A-12-03.

**Governing Documents/Requirements:**

Evaluation of VE program adequacy and effectiveness of AMWTP documents was based on the current revisions of the following documents:

- *CBFO Quality Assurance Program Document (QAPD)*, DOE/CBFO-94-1012
- Waste Isolation Pilot Plant Hazardous Waste Facility Permit NM4890139088-TSDF
- *Visual Examination of S3000 Waste in the Facility*, INST-FOI-22, Rev. 0

**Surveillance Results:**

The results of the surveillance indicate that the AMWTP activities related to VE of CH SCG S3000 waste using the equipment and procedures examined and subject to the measurement controls in place are adequately established for compliance with upper-tier requirements, satisfactory in the implementation of these requirements, and effective in achieving the desired results.

**Corrective Actions:**

None.

**Observations:**

None.

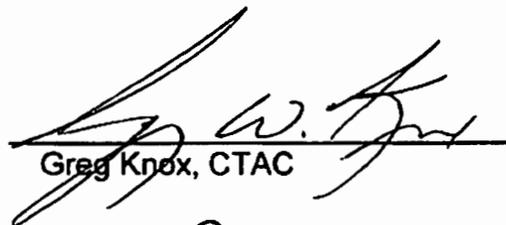
**Corrected During the Surveillance:**

None.

**Recommendations:**

None.

Surveillance Team Leader:

  
Greg Knox, CTAC

Date: 8 SEP 2011

CBFO QA Director Approval:

  
Randy Unger, CBFO  
Director, Office of Quality Assurance

Date: 15 Sept 2011