Mr. Jon E. Hoff, Manager
Quality Assurance
Washington TRU Solutions, LLC
P.O. Box 2078
Carlsbad, NM 88221-2078

Subject: Surveillance Report for Surveillance S-11-09 of the Washington TRU Solutions
DP-831 Salt Storage Evaporation Pond at the Waste Isolation Pilot Plant

Dear Mr. Hoff:

The Carlsbad Field Office (CBFO) conducted the subject surveillance on January 20, 2011. The CBFO surveillance report is enclosed.

No CBFO Corrective Action Reports or Observations were issued as a result of the surveillance. The surveillance team concluded that the activities evaluated are adequate, satisfactorily implemented, and effective.

If you have questions, please contact me at (575) 234-7442.

Sincerely,

M. Lea Chism
Quality Assurance Specialist

Enclosure

cc: w/enclosure
D. Gadbury, CBFO
G. Basabivazo, CBFO
M. Navarrete, CBFO
D. Miehls, CBFO
D. Ferguson, CBFO
F. Sharif, WTS
M. A. Mullins, WTS
T. Peake, EPA
M. Eagle, EPA
E. Feltcorn, EPA
R. Joglekar, EPA

*ED S. Ghose, EPA
ED R. Lee, EPA
ED S. Zappe, EPA
ED S. Holmes, EPA
ED T. Kesterson, DOE OB WIPP NMED
ED D. Winters, DNFSB
ED K. D. Martin, CTAC
ED P. Gomez, CTAC
ED WIPP Operating Record
ED CBFO QA File
ED CBFO M&RC

*ED denotes electronic distribution
CBFO SURVEILLANCE REPORT

Surveillance Number: S-11-09  Date of Surveillance: January 20, 2011

Surveillance Title: Washington TRU Solutions (WTS) DP-831

Organization: WTS

Surveillance Team:

Team Leader: Paul Gomez, CBFO Technical Assistance Contractor (CTAC)

Team Members: Lea Chism, Carlsbad Field Office (CBFO)

Surveillance Scope: The scope of the surveillance was to verify the adequacy and implementation of the WTS Quality Assurance Program with respect to the new DP-831 Salt Storage Evaporation (SSE) Pond in accordance with required documents and procedures. This surveillance evaluated and verified the implementation and effectiveness of WTS engineering processes for the new DP-831 SSE Pond.

Surveillance Results: The surveillance team evaluated the post-construction of the SSE Pond. The team determined that the activities associated with the on-going inspections of the pond and the recording of the results are effective and adequate. The engineering inspections appropriately follow requirements, procedures and processes, and are effectively implemented.

The surveillance team interviewed personnel and reviewed the documentation involving inspections completed with the water load in the new SSE Pond. The team observed the pond area and the team did not find any biological growth or tearing of the liner. The surveillance team found no conditions adverse to quality.

Activities Evaluated: The surveillance team verified implementation activities for compliance with the following WTS requirements documents and implementing procedures:

Requirements documents:
Corrective Actions: None.

Implementing procedures:

- WP 02-EM1022, Rev. 5, Site Discharge Area Inspections

On January 20, 2011, the team evaluated the ongoing process of the liner layer placed over the new SSE Pond. The new pond was constructed with a three-layer liner with a mesh liner between two solid heat-sealed layers.

The surveillance team verified the management oversight and control of the process and found no concerns regarding the work in progress.

The surveillance team found that the procedures and processes were effectively implemented.

Surveillance Team Leader Signature: ___________________________ Date: 1/26/11

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

CBFO QA Director Approval Signature: ___________________________ Date: 1/27/11