



Department of Energy  
 Carlsbad Field Office  
 P. O. Box 3090  
 Carlsbad, New Mexico 88221  
 FEB 02 2012



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

Subject: Surveillance Report S-12-05, WTS Ground Control Program

Dear Mr. Hoff,

The Carlsbad Field Office (CBFO) performed Surveillance S-12-05 of the Washington TRU Solution (WTS) Ground Control Program at the Waste Isolation Pilot Plant site, December 13 – 15, 2011. The surveillance team concluded that the overall status of the program is adequate, satisfactorily implemented, and effective. No adverse conditions of quality were identified during the surveillance. The details of the surveillance and conclusions are provided in the enclosed surveillance report.

If you have any questions concerning the report, please contact me at (575) 234-7459.

Sincerely,

Richard Farrell  
 Senior Quality Assurance Specialist

Enclosure

cc: w/enclosure  
 R. Unger, CBFO  
 A. Holland, CBFO  
 C. Fesmire, CBFO  
 E. Preciado, CBFO  
 M.F. Sharif, WTS  
 M. A. Mullins, WTS  
 T. Peake, EPA  
 M. Eagle, EPA  
 E. Felcorn, EPA  
 R. Joglekar, EPA  
 S. Ghose, EPA  
 R. Lee, EPA  
 J. Kieling, NMED

* ED	T. Kliphuis, NMED	ED
ED	S. Holmes, NMED	ED
ED	R. Maestas, NMED	ED
ED	T. Kesterson, NMED/DOE OB	ED
ED	J. Marple, NMED/DOE OB	ED
ED	D. Winters, DNFSB	ED
ED	R. Castillo, CTAC	ED
ED	M. Mager, CTAC	ED
ED	WIPP Operating Record	ED
ED	CBFO QA File	
ED	CBFO M&RC	
ED	*ED denotes electronic distribution	



## CBFO SURVEILLANCE REPORT

Surveillance Number: S-12-05 Date of Surveillance: December 13 – 15, 2011

Surveillance Title: Ground Control Program

Organization: Washington TRU Solutions, LLC (WTS)

### Surveillance Team:

Carlsbad Field Office (CBFO)	Richard Farrell, CBFO Management Representative
Team Leader:	Rick Castillo, CBFO Technical Assistance Contractor (CTAC)
Team Member:	Jack Walsh, CTAC

### Surveillance Scope:

The surveillance evaluated the adequacy, implementation, and effectiveness of the WTS Ground Control Program, with respect to the associated implementing procedures and revised activities since the last surveillance.

### Surveillance Results:

#### Governing Documents/Requirements

The surveillance was based on the current revisions of the following documents:

- WP 10-2, *Maintenance Operations Instruction Manual*
- WP 10-WC3011, *Work Control Process*
- WP 04-AU1007, *Underground Openings Inspections*
- EA10WC3011-11-0, *Repository Development Project Minor Maintenance List*

#### Activities Evaluated

The following quality assurance (QA) activities were evaluated in accordance with the *CBFO Quality Assurance Program Document (QAPD)*, as related to the observed activities.

- Logbook entries
- Lockout/tag-out
- Work control practices
- Personnel qualification and training
- Documents and records

### ***Ground Control***

Several work orders (1113195, 0811538, 112597, and 1100421) were in process during the time of the surveillance. Work performed from each work order was observed during the time of the surveillance. The surveillance team observed sounding/scaling, installing and replacing failed roof bolts, and ground support activities. The surveillance team verified tasks were performed in a safe and satisfactory manner, and in accordance with procedural requirements.

The surveillance team observed employee work area daily inspections on December 13, 2011, and underground travelway weekly visual inspections on December 7 and December 12, 2011. The daily and weekly inspections were found to be conducted in accordance with requirements of WP 04-AU1007, *Underground Openings Inspections*.

The surveillance team verified the Underground Openings Inspections Checklists (Attachment 1) found in WP 04-AU1007, were completed for December 5 – 7, 2011, and the current day of operations. Based on review of documentation, the surveillance team confirmed underground facility annual physical inspections were performed in a satisfactory manner in September 2011. The surveillance team was able to observe current ground conditions in various parts of the mine, verify logbook entries were completed, confirm measuring and test equipment (M&TE) was calibrated and controlled, and verify annual surveillances were being performed.

Surveillance team evaluations included a sample of completed and current work packages from 2011. The work packages were verified to contain the contents required by their associated procedures. It was determined that the associated Job Hazard Analysis (JHA) documentation is continuously updated and included in each of the maintenance work orders, as required. Surveillance team evaluations also confirmed that preventative maintenance is being performed regularly by WTS, as required by procedure WP 10-2, *Maintenance Operations Instruction Manual*. Additionally, interviews with the Preventative Maintenance (PM) Scheduler confirmed preventative maintenance is being planned on or before the due date to avoid utilizing the grace period. It was also confirmed that the Delinquency PM Report, EA 10-2-24-0, is being completed as needed. Furthermore, the surveillance team was able to verify PM scheduling was performed in the WIPP Plan of the Day Schedule dated December 12, 2011. The surveillance team determined the Preventative Maintenance Program is satisfactorily implemented and is effective.

The surveillance team reviewed the training files located in the appropriate records storage area for personnel performing the work observed during the surveillance. The surveillance team verified associated personnel had received the required training and certifications for the work being performed.

Based on the results of personnel interviews, review of datasheets, log entries, and records, and field observations, the surveillance team verified that the Ground Control Program meets the approved procedural requirements and is adequate, satisfactorily implemented, and effective. No conditions adverse to quality were identified during the surveillance.

Corrective Actions

None.

Observations

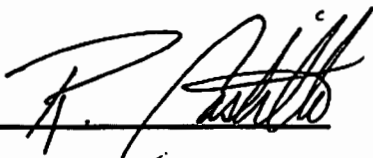
None.

Recommendations

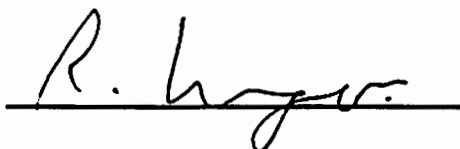
None.

Corrected During the Surveillance

None.

Surveillance Team Leader Signature:  Date: 1/30/12

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

CBFO QA Director Approval:  Date: 2 Feb 12