

# WP 05-WH1810

Revision 13

## Underground Transuranic Mixed Waste Disposal Area Inspections

Technical Procedure

EFFECTIVE DATE: 02/10/11

Randy Britain  
APPROVED FOR USE

**CONTINUOUS USE PROCEDURE**

**TABLE OF CONTENTS**

CHANGE HISTORY SUMMARY ..... 3

INTRODUCTION ..... 4

REFERENCES ..... 4

PRECAUTIONS AND LIMITATIONS ..... 5

PREREQUISITE ACTIONS ..... 5

PERFORMANCE ..... 6

1.0 PREOPERATIONAL UNDERGROUND TRU MIXED WASTE  
DISPOSAL AREA INSPECTIONS (ATTACHMENT 1) ..... 6

2.0 REVIEW ..... 6

3.0 PREOPERATIONAL WASTE HANDLING MODE CHECKLIST  
(ATTACHMENT 2) ..... 7

4.0 VALIDATION ..... 7

Attachment 1 - Preoperational Underground TRU Mixed Waste Disposal Area  
Inspections ..... 8

Attachment 2 - Preoperational Waste Handling Mode Checklist ..... 10

CHANGE HISTORY SUMMARY

REVISION NUMBER	DATE ISSUED	DESCRIPTION OF CHANGES
13	02/10/11	Changed wording in 1 <sup>st</sup> bullet of the Precautions and Limitations.  Added Fax number to Steps 3.1.5 and 3.1.6  Removed word Loran from Attachment 2 as there is no Loran equipment underground any more.

## INTRODUCTION<sup>1, 2, 3, 4</sup>

This procedure provides guidance for performing inspections of Underground (U/G) Transuranic (TRU) Mixed Waste Disposal Areas.

The following quality assurance records are generated as a result of performing this procedure:

- Attachment 1, Preoperational Underground TRU Mixed Waste Disposal Area Inspections
- Attachment 2, Preoperational Waste Handling Mode Checklist

## REFERENCES

### BASELINE DOCUMENTS

- Title 40 *Code of Federal Regulations* (CFR) Part 264, Subpart I, "Use and Management of Containers"
- 40 CFR §264.15, "General Inspection Requirements"
- 40 CFR Part 761, Subpart C, "Marking of PCBs and PCB Items"
- DOE/WIPP-07-3372, *Waste Isolation Pilot Plant Documented Safety Analysis*
- DOE/WIPP-07-3373, *Waste Isolation Pilot Plant Technical Safety Requirements*
- Hazardous Waste Facility Permit, Waste Isolation Pilot Plant, Permit No. NM4890139088-TSDF, issued by the New Mexico Environment Department
- WP 04-AD3001, Facility Mode Compliance
- 00CD-0001, WIPP Mine Ventilation Plan

### REFERENCED DOCUMENTS

- WP 04-AU1007, Underground Openings Inspections
- WP 04-IM1000, Issues Management Processing of WIPP Forms
- EA04AD3001-2-0, Facility TSR Administrative Controls Checklist CH Waste Handling Mode

- EA04AD3001-4-0, Return to Storage or Standby Modes Upon Completion of Waste Handling
- EA04IM1000-1-0, WIPP Form

## PRECAUTIONS AND LIMITATIONS

- Only personnel qualified as a CH Floor, Yard and Emplacement Technician/CH Waste Handling Technician/Engineer (FY&E/WHT/WHE) or trainees operating under direct supervision of a qualified CH FY&E/WHT/WHE are authorized to perform CH Waste Handling activities specified in this procedure.
- Adequate ventilation must be verified before proceeding beyond boundary.

## PREREQUISITE ACTIONS

- 1.0 Review previous inspection results for outstanding Action Requests (ARs) and outstanding deficiencies.
- 2.0 If a required inspection goes delinquent, perform the following:
  - 2.1 Immediately notify Site Environmental Compliance (SEC) of the delinquent inspection.
  - 2.2 Schedule and complete the inspection.
  - 2.3 Document the following in a letter to SEC within five working days:
    - The schedule for inspection
    - The reason(s) why inspection was not performed
    - Any measures taken to offset negative impacts resulting from not performing the inspection
    - Actions to prevent further delinquencies
- 3.0 SEC, **GO TO** WP04-IM1000, and initiate a WIPP Form, EA04IM1000-1-0.

## PERFORMANCE

### 1.0 PREOPERATIONAL UNDERGROUND TRU MIXED WASTE DISPOSAL AREA INSPECTIONS (ATTACHMENT 1)

1.1 **IF** personnel are to be working in an active U/G TRU Mixed Waste Disposal Area,  
**THEN**, at the start of shift, inspect areas per Attachment 1, as follows:

1.1.1 Enter date and time of inspection in appropriate blocks.

1.1.2 Inspect the applicable item/condition listed on Attachment 1 **AND** enter check (✓) for satisfactory items/conditions, **U** for any unsatisfactory items/conditions, **N/A** for not inspected, **OR** actual value required.

1.1.3 Initial applicable block.

1.1.4 **IF** any item/condition is unsatisfactory,  
**THEN** perform the following:

- Describe exact location and nature of deficiency in Remarks section.
- Notify WHE.
- Initiate and record AR for corrective action, as applicable.

1.1.5 Inspector, enter printed name, signature, and initials on Attachment 1 when inspection completed.

1.1.6 Inspector, mark "N/A" for any unused block on Attachment 1.

1.2 Submit inspection sheet to Reviewer upon completion of Preoperational Inspection.

### 2.0 REVIEW

2.1 Reviewer, perform the following:

2.1.1 Review Attachment 1 for unsatisfactory conditions, corrective actions taken, and outstanding or newly generated ARs.

2.1.2 Enter initials in block provided for specific day.

2.1.3 Upon completion of last inspection documented, forward Attachment 1 to WHE for validation.

### 3.0 PREOPERATIONAL WASTE HANDLING MODE CHECKLIST (ATTACHMENT 2)

3.1 Operator, after equipment preoperational checks are completed, perform the following:

- 3.1.1 Verify date has been entered.
- 3.1.2 Initial the applicable block.
- 3.1.3 Performer, enter printed name, signature, and initials on Attachment 2, when preoperational checks are completed.
- 3.1.4 After all applicable blocks are completed, notify surface WHE for mode. Initial block and enter time.
- 3.1.5 WHE, complete applicable block of EA04AD3001-2-0, and deliver to Central Monitoring Room Operator (CMRO), either by hand or fax (234-6049).
- 3.1.6 WHE, upon completion of Waste Handling activities for shift, complete applicable block of EA04AD3001-4-0, and deliver to CMRO, either by hand or fax (234-6049).
- 3.1.7 Upon completion of last preoperational mode checklist, forward Attachment 2 to WHE for validation.

### 4.0 VALIDATION

4.1 WHE, perform the following:

- 4.1.1 Upon completion of last inspection on Attachment 1 and 2, verify correctness of form. Validate inspection(s) by printing name, signing, and dating inspection sheet in spaces provided.
- 4.1.2 Review Attachments 1 and 2 weekly and forward completed attachments to Records Coordinator.



Attachment 1 - Preoperational Underground TRU Mixed Waste Disposal Area  
Inspections

**REMARKS:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**VALIDATION:** \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
WHE (Print Name) Signature Date



