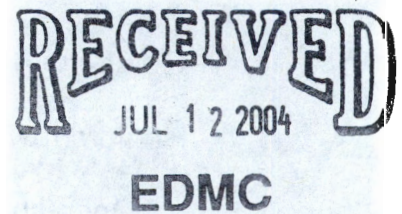


# Hanford Waste Acceptance Process

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Waste Acceptance Process

Waste Acceptance Criteria

WM PEIS Implementation

## Waste Acceptance Process

- Generators provide forecast bi-annually
- Variable disposal costs are developed from forecasts, based on a unit rate concept
- Direct project cost charge-back sometimes utilized
- Generator contacts Hanford for requirements for disposing of waste at Hanford
- Hanford reviews the on-site program (initial program review)
  - Checklist developed for the initial shipment
  - No follow-on reviews for future shipments
- Generator develops specific waste stream profile
- Hanford reviews and approves the waste stream profiles
  - Operational concerns
  - WAC compliance
  - Set verification rate
- Review shipment information
- Approve shipment
- Shipment is scheduled with Hanford
- Waste is shipped
- Receipt inspection
  - Documentation review
  - Labeling review
- Physical verification of a portion of the waste
- Dispose of waste
- Non-conforming conditions evaluated

## Waste Acceptance Criteria

- Hanford Site Solid Waste Acceptance Criteria, Revision 6
  - HNF-EP-0063
  - [www.hanford.gov/wastemgt/wac/index.htm](http://www.hanford.gov/wastemgt/wac/index.htm)
- Required by DOE Order 435.1
- Describes criteria for each solid waste TSD
  - Low-Level Burial Grounds (LLBG)
  - Mixed Waste Trenches (MWT)
  - Central Waste Complex (CWC)
  - T Plant
  - Waste Receiving and Processing (WRAP)
- ~~Exceptions allowed~~
- Required information:
  - Waste composition
  - Physical characterization
  - Chemical characterization
  - Radiological characterization
- Miscellaneous information
  - Waste Minimization
  - Record retention
  - Classified and Accountable Material

## Waste Acceptance Criteria

- Verification
  - Physical inspection
  - Nondestructive examination
  - Chemical screening
  - Pre-package inspection
  - Waste Analysis Plan
- Facility specific requirements
  - Facility description
  - Prohibited waste
  - Physical and chemical criteria
  - Radiological criteria
  - Packaging criteria
- All waste must meet the WAC for the receiving TSD
- The generator is responsible for meeting the WAC
- The generator funds all activities

## WM PEIS Implementation

- Issued in February 2000
- RL and NTS tasked with implementing the WM PEIS
- Evaluating the two site processes
- Evaluating a combined process
  - Standard Waste Acceptance Process
  - Consistent forms and profile reviews
  - Combined cost structure
- Virtual Waste Acceptance Process