

RCRA
LDF A.

Los Alamos
INVENTORY OF FEDERAL AGENCY HAZARDOUS WASTE ACTIVITIES

II-A.1. NM0890010515

RESPONSIBLE FEDERAL AGENCY:

U.S. Department of Energy
1000 Independence Avenue SW
Washington, DC 20585

- 1. Responsible Field Organization: DOE - Los Alamos Area Office
- 2. Address: Los Alamos, N.M. 87545
(Street, City, State, Zip)
- 3. DOE Site Contact: Harold E. Valencia
- 4. Phone Number: (505) 667-5105 843-5105
(Commercial) (FTS)

B. INSTALLATION/SITE LOCATION

- 1. Installation name: Los Alamos National Lab (LANL)
- 2. Federal Facility ID Number (GSA No.): NM0890010515
- 3. Address: P. O. Box 1663, Los Alamos, Los Alamos, N.M. 87545
(Street, City, County, State, Zip Code)
- 4. Number of sites on this installation: 20
- 5. Site name and/or site number: Material Disposal Area R

- 6. Address: Same as B.3. above
(Street, City, County, State, Zip Code)
- 7. Coordinates: 35°49' 051" 106°14' 015"
(For a rural site with no street address)

C. HAZARDOUS WASTE MANAGEMENT STATUS

	O	C	Date closed
Storage: Containers	<input type="checkbox"/>	<input type="checkbox"/>	_____
Tanks	<input type="checkbox"/>	<input type="checkbox"/>	_____
Surface impoundments	<input type="checkbox"/>	<input type="checkbox"/>	_____
Waste Piles	<input type="checkbox"/>	<input type="checkbox"/>	_____
Treatment: Tanks	<input type="checkbox"/>	<input type="checkbox"/>	_____
Surface impoundments	<input type="checkbox"/>	<input type="checkbox"/>	_____

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	O	C	
Incinerators	<input type="checkbox"/>	<input type="checkbox"/>	_____
Other (describe)	<input type="checkbox"/>	<input type="checkbox"/>	_____
Disposal: Landfill	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>Prior to 1965</u>
Land Treatment	<input type="checkbox"/>	<input type="checkbox"/>	_____
Surface impoundment	<input type="checkbox"/>	<input type="checkbox"/>	_____
Underground Injection Wells	<input type="checkbox"/>	<input type="checkbox"/>	_____
Waste Piles	<input type="checkbox"/>	<input type="checkbox"/>	_____

O = Operating C = Closed

If the above space is not sufficient, or if the site has one or more operating or closed units in any technique, provide the necessary information in an attachment labelled Attachment C and enter "Attachment C" in the space provided for each technique.

2. Is Attachment C included with the inventory? Yes No

3. Indicate if any of the following forms were submitted for this site and, if so, the date of the original submittal:

	Yes	No	Date Submitted
RCRA §3010 Notification	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
RCRA Part A	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
RCRA Part B	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
RCRA Closure Plan	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
RCRA §3019 Exposure Assessment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____
CERCLA §103 Notification	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____

4. If a RCRA Part B was submitted, what is its current status?

Permit Issued Permit Denied No Final Action

5. If a closure plan was submitted, what is its current status?

Closure Approved Closure Denied No Final Action

6. If the closure plan was approved, has closure been certified?

Yes No

7. If the site is no longer used for hazardous waste management, what other activities are currently carried on at the site? (e.g., pasture, building site, park):

8. Is this a RCRA site, a CERCLA site, or both?

RCRA

CERCLA

Both

D. WASTE TYPE

1.

Waste Code	Estimated Amt. Handled FY85 (Amt/unit of measure)	Unit(s) Involved (From Attachment C)	Waste Code	Estimated Amt. Handled FY85 (Amt/unit of measure)	Unit(s) Involved (From Attachment C)
1			6		
2			7		
3			8		
4			9		
5			10		

Submit, as Attachment D, the following information: summarize the results of all waste analyses in tabular form, including the presence and approximate concentration ranges of measured hazardous constituents. See the guidance to this form for additional instructions.

If the above additional waste analysis information was submitted previously in a form indicated in C-3, indicate the kind of submittal, the date of the submittal and the location of this information in that submittal. Label this information "Attachment D". If any previously submitted information must be updated, update that information in Attachment D.

2. Is Attachment D included with the inventory? Yes No

E. ENVIRONMENTAL CONTAMINATION

1. Has this site had releases to the environment? Yes No

2. If yes, indicate in which media the release(s) occurred:

Air Surface Water Groundwater Subsurface Gas

3. If yes, who did the release(s) occur? _____

4. If yes, type and concentration of wastes or waste constituents involved in the release(s): _____

5. If yes, give the extent of the release(s) in terms of the lateral extent of release, environmental impact of the release, and any other information necessary for EPA to assess the extent of the release: _____

If the above space is not sufficient to answer each question, submit the necessary information in an attachment labelled Attachment E. If the information was submitted previously in a form indicated in C-3, indicate in Attachment E the kind of submittal, the date of the submittal and the location of the information in that submittal. If the previously submitted information needs to be updated, update that information in Attachment E.

6. Is Attachment E included with the inventory? Yes No

F. ENVIRONMENTAL MONITORING DATA

1. Does this site have environmental monitoring data?

Yes No

2. What statistical and analytical methods were used to analyze the data? _____

3. How was the data obtained (e.g., grab sample, etc.)? _____

4. When was it obtained: _____

5. If the site is a land disposal site and it does not have environmental monitoring data, why not? Area R was a burning ground for waste explosives. The area has been graded thus diluting the surface material. Very little, if any, contamination is expected. Environmental surveys will be done.

If the above space is not sufficient to answer each question, submit the necessary information in an attachment labelled Attachment F. If the information was submitted previously in a form indicated in C-3, indicate in Attachment F the kind of

submittal, the date of the submittal and the location of the information in that submittal. If the previously submitted information needs to be updated, update that information in Attachment F.

6. Is Attachment F included with the inventory? Yes No

G. RESPONSE ACTIONS

1. Have response actions been undertaken for this site?

Yes No

2. Have response actions been studied for this site?

Yes No

3. Are these actions part of a CERCLA effort?

Yes No

4. What kind of actions are already underway:

Study PA/SI RIFS Remedial Investigation

Remedial Action Removal

If the above space is not sufficient to answer each question, submit the necessary information in an attachment labelled Attachment G. If the information was submitted previously in a form indicated in C-3, indicate in Attachment G the kind of submittal, the date of the submittal, and the location of the information in that submittal. If the previously submitted information needs to be updated, update that information in Attachment G.

5. Is Attachment G included with the inventory? Yes No

H. FOR DISPOSAL SITES ONLY

1. Describe the hydrogeology of the site: The main aquifer lies 1350 ft below the site and flows eastward at an average rate of 0.3 m/day.

2. Indicate the location of withdrawal wells and surface water within one mile of the site: An intermittent stream flows in Canon del Valle located 700 ft north of the site.

If the above space is not sufficient to answer each question, submit the necessary information in an attachment labelled Attachment H. If the information was submitted previously in a form indicated in C-3, indicate in Attachment H the kind of submittal, the date of the submittal, and the location of the information in that submittal.

If the previously submitted information needs to be updated, update that information in Attachment H.

3. Is Attachment H included with the inventory? Yes No

ATTACHMENT D

Installation: LANL

Site: Area R

**EPA Hazardous Waste
Number Code (from
40 CFR 261.21-.33)**

**Type of Analyses Used to Identify This Waste
(Example: Analysis of waste stream directly,
analysis of landfill leachate or other environ-
mental monitoring result, analysis of surface
impoundment contents, etc.)**

**Principal
Constituents**

**Minimum
Concentration
(mg/l)**

**Maximum
Concentration
(mg/l)**

D005

It is estimated that barium will be in the sand/soil associated with the burning pad for waste explosives. It is not known if the concentration will be high enough to meet the 100 mg/l concentration limit established for the EP Toxicity Test.

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