

RCRA
COF

LOS Alamos TA-1. NM 0890010515
INVENTORY FEDERAL AGENCY HAZARDOUS WASTE ACTIVITIES

e

A. 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 C
-
- 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

1.		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"/>	_____

1138
TA-50
1964



	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>1964</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, where did the release(s) occur? _____

Area C

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? Monitoring is done for materials not regulated under RCRA.

3. How was the data obtained (e.g., grab sample, etc.)? Surface and drilling samples

4. When was it obtained: 1950(?) to present

5. If the site is a land disposal site and it does not have environmental monitoring data, why not? _____

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

3. If yes, when 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: _____

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

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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 is 1300 ft below the site with water moving eastward at an average rate of 0.3m/day.

2. Indicate the location of withdrawal wells and surface water within one mile of the site: Intermittent surface water flow occurs in Mortandad Canyon several hundred ft north of Area C. Well PM-5 in the main aquifer is about 1 mile east.

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.

Installation LANL

Area C

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: Material Disposal

Area C

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)

References indicate "a variety of chemicals, pyrophoric
metals, hydrides and powders, sealed vessels con-
taining sodium-potassium alloy or compressed gases, and
equipment not suitable for salvage, public dump, or
the contaminated dump." Several hundred gas cylinders
are believed to be buried along with cylinders con-
taining nickel carbonyl.

