



Department of Energy
Albuquerque Operations
Los Alamos Area Office
Los Alamos, New Mexico 87544

Tony
4-3-85

APR 03 1985

Ms. Denise Fort, Director
New Mexico Environmental Improvement Division
P. O. Box 968
Santa Fe, New Mexico 87504-0968

RECEIVED

APR 3 1985

RE: Update of RCRA Part A Application

GROUND WATER POLLUTION WASTE
BUREAU

Dear Ms. Fort:

Enclosed is a revised Resource Conservation and Recovery Act (RCRA) Part A in accordance with New Mexico's Hazardous Waste Management Regulation 302 (a) (5). Two waste streams are being added as required by recently promulgated Federal regulations. The permit request eliminates five Storage Treatment Disposal facilities and expands the process design capacity in two areas.

This revised RCRA Part A is also being submitted by DOE to the Environmental Protection Agency.

If I may be of any assistance in answering questions regarding this matter, call me at 667-5105.

Sincerely,

Harold E. Valencia
Area Manager

Attachments
As stated

- cc:
- C. Adams, Jr., ADTS, LANL, MS-A120
- J. Aragon, HSE Div. Leader, LANL, MS-P228
- W. Hansen, HSE-DO, LANL, MS-P228
- J. White, HSE-8, LANL, MS-E518
- HSE-8 File, LANL, MS-K490



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TK

DISPATCHED

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**MAIL & RECORDS
LAO**



U.S. ENVIRONMENTAL PROTECTION AGENCY
HAZ/ DO'S WASTE PERMIT APPLICATION
Consolidated Permits Program
(This information is required under Section 3005 of RCRA.)

I. EPA I.D. NUMBER
5 6 7 8 9 0 0 1 0 5 1 5
T/A C
1

FOR OFFICIAL USE ONLY

Table with columns: APPLICATION APPROVED, DATE RECEIVED (yr., mo., & day), COMMENTS

II. FIRST OR REVISED APPLICATION

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.

A. FIRST APPLICATION (place an "X" below and provide the appropriate date)
1. EXISTING FACILITY (See instructions for definition of "existing" facility. Complete item below.)
2. NEW FACILITY (Complete item below.)
B. REVISED APPLICATION (place an "X" below and complete Item I above)
1. FACILITY HAS INTERIM STATUS
2. FACILITY HAS A RCRA PERMIT

III. PROCESSES - CODES AND DESIGN CAPACITIES

A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C).

B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the capacity of the process.
1. AMOUNT - Enter the amount.
2. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

Table with columns: PROCESS, PRO-CESS CODE, APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY, UNIT OF MEASURE CODE. Includes lists for Storage, Disposal, Treatment, and Unit of Measure codes.

EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

Main data table with columns: LINE NUMBER, A. PROCESS CODE, B. PROCESS DESIGN CAPACITY (1. AMOUNT, 2. UNIT OF MEASURE), FOR OFFICIAL USE ONLY. Includes example entries X-1, X-2 and lines 1-4.

III. CESSSES (continued)

C. SPACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code) FOR EACH PROCESS ENTERED HERE
 INCLUDE DESIGN CAPACITY.

Permit request is being dropped for the following facilities:

- SM 102, Rm. 118A, LiH storage area - converted from >90 day to <90 day storage.
- TA-40, Building 2 - converted from >90 day to <90 day storage.
- TA-22, Building 24 - converted from >90 day to <90 day storage.
- TA-54, Area G - No longer used for non-radioactive waste disposal.
- TA-54, Area L - Surface impoundment not used in lieu of treatment tanks

Page 1 - S01 - includes storage at Area L (17660 gal) and TA-54 Batch Waste Treatment (220 gal)
 T01 - includes 4 tanks at Area L (6680 gal) and TA-54 Batch Waste Treatment (1000 gal)

IV. DESCRIPTION OF HAZARDOUS WASTES

- A. EPA HAZARDOUS WASTE NUMBER** - Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.
- B. ESTIMATED ANNUAL QUANTITY** - For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.
- C. UNIT OF MEASURE** - For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

<u>ENGLISH UNIT OF MEASURE</u>	<u>CODE</u>	<u>METRIC UNIT OF MEASURE</u>	<u>CODE</u>
POUNDS.....	P	KILOGRAMS.....	K
TONS.....	T	METRIC TONS.....	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

- 1. PROCESS CODES:**
 For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.
 For non-listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.
 Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).
- 2. PROCESS DESCRIPTION:** If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER - Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

- 1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
- 2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
- 3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below) - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)				B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES	
	1. PROCESS CODES (enter)		2. PROCESS DESCRIPTION (if a code is not entered in D(1))					
X-1	K	0	5	4	900	P	T 0 3 D 8 0	
X-2	D	0	0	2	400	P	T 0 3 D 8 0	
X-3	D	0	0	1	100	P	T 0 3 D 8 0	
X-4	D	0	0	2				included with above

NOTE: Photocopy this page before completing if you have more than 26 wastes to list.

EPA I.D. NUMBER (enter from page 1)													FOR OFFICIAL USE OF																																		
5	4	3	2	1	10	9	8	7	6	5	4	3	13	12	11	10	9	8	7	6	5	4	3	2	1	10	9	8	7	6	5	4	3	2	1												
W	N	M	0	8	9	0	0	1	0	5	1	5	1	2	3	4	5	6	7	8	9	10	11	W												2											
													DUP																																		

IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES																				
				1. PROCESS CODES (enter)						2. PROCESS DESCRIPTION (if a code is not entered in D(1))														
				27	28	29	27	28	29	27	28	29	27	28	29									
1	F027	250*	P	S	0	1	D	8	0	T	0	3												
2	F028	250*	P	D	8	0																		
3		END OF F DESIGNATOR																						
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IV. DESCRIPTION OF HAZARDOUS WASTES (continued)

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) OF PAGE 3A.

All entries with an asterick in column IVB on page 3A are generated in labpack quantities only. If a new process/experiment will generate more than the stated quantity, a revised Part A will be submitted.

EPA I.D. NO. (enter from page 1)

S	T/A	C
F	N	M
0	8	9
0	0	1
0	5	1
5	1	5
6		

V. FACILITY DRAWING

All existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail).

VI. PHOTOGRAPHS

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

VII. FACILITY GEOGRAPHIC LOCATION

LATITUDE (degrees, minutes, & seconds)

LONGITUDE (degrees, minutes, & seconds)

3	5	4	9	0	5	1
65	66	67	68	69	70	71

1	0	6	1	4	0	1	5
72	73	74	75	76	77	78	79

VIII. FACILITY OWNER

A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below.

B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items:

1. NAME OF FACILITY'S LEGAL OWNER

2. PHONE NO. (area code & no.)

C	E	United States Department of Energy	50	5	-	6	6	7	-	5	2	8	8
13	14		55	56	-	58	59	60	-	61	62	63	64

3. STREET OR P.O. BOX

4. CITY OR TOWN

5. ST.

6. ZIP CODE

C	F	Los Alamos Area Office	C	G	Los Alamos	N	M	87	5	4	5
13	14		45	46		40	41	42		47	48

IX. OWNER CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

Harold Valencia
Los Alamos Area Office

B. SIGNATURE



C. DATE SIGNED

4-1-85

X. OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME (print or type)

Christopher S. Adams, Jr.
Assoc. Director, Technical Serv.

B. SIGNATURE



C. DATE SIGNED

3-29-85

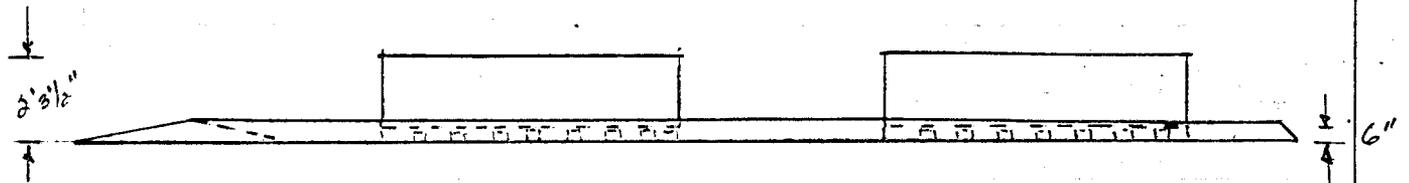
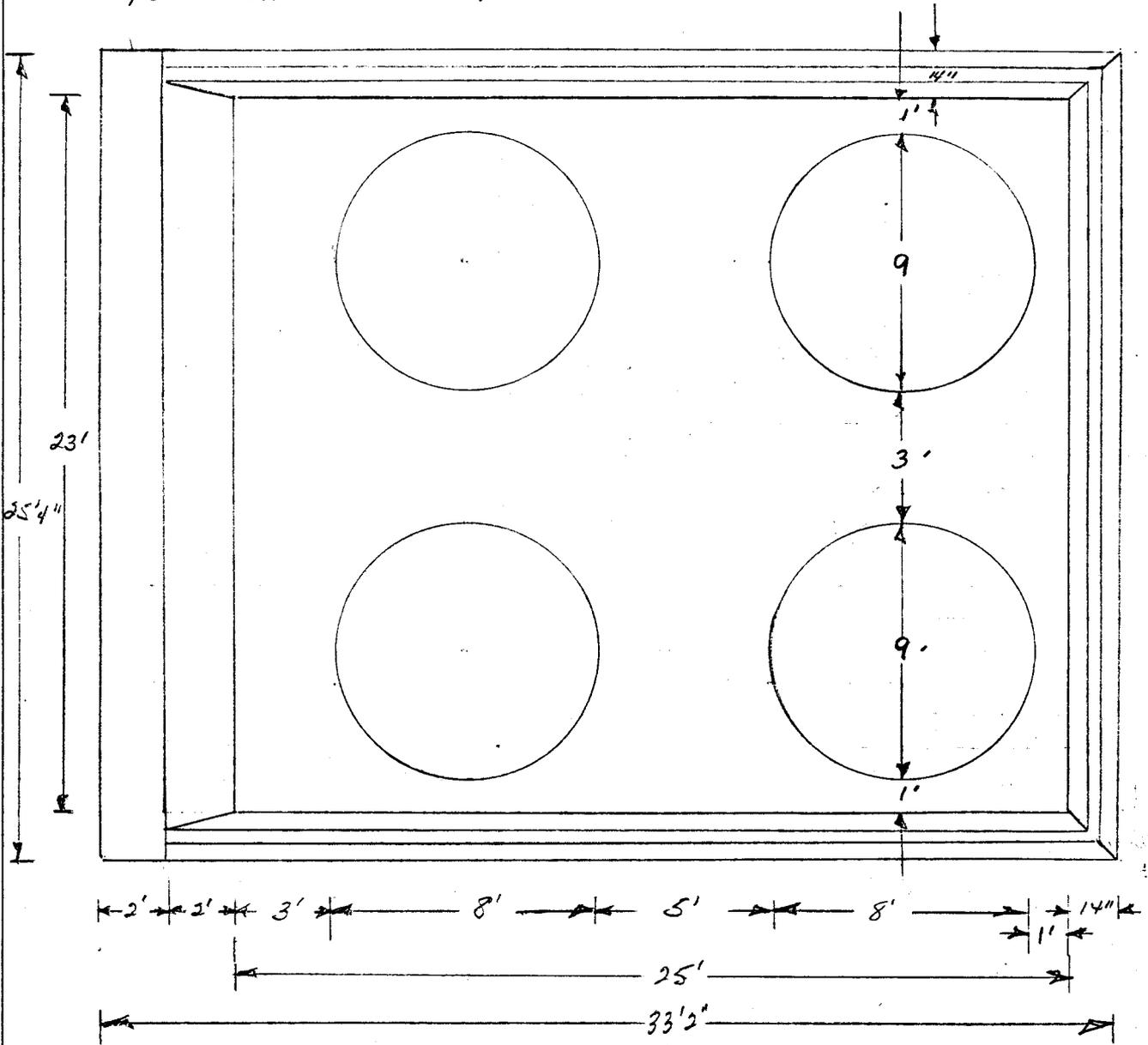
V. FACILITY DRAWING (see page 4)

Engineer's Workprints (2), Feb. 1985 - Area L hazardous chemicals storage pad.

Drawing by Stan Zygmunt (8/7/84) - Area L Treatment Tanks

ENG- Drawing 54-42 - Location of storage pad and treatment tank pad.

EVAPORATION TANK PAD.



See corrected drawing on April 30, 85
b f f e r

42,381 50 SHEETS SQUARE
42,382 50 SHEETS SQUARE
42,383 50 SHEETS SQUARE
42,384 50 SHEETS SQUARE
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