



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6  
1448 ROSE AVENUE  
DALLAS, TEXAS 75243-3723

JUN 24 1994

CERTIFIED MAIL: RETURN RECEIPT REQUESTED (P 435 985 311)

REPLY TO: 6W-PS

Mr. Allen J. Tiedman, Associate Director  
University of California  
Management Contractor for Operation  
Los Alamos National Laboratory  
Los Alamos, New Mexico 87545

Re: NPDES Permit No. NM0028355  
Public Notice of Final Permit Decision

Dear Mr. Tiedman:

Enclosed is the public notice of the Agency's final permit decision, a copy of our response to comments, and the final permit. This public notice describes any substantial changes from the draft permit.

Should you have any questions regarding the final permit, please feel free to contact Fred Humke of the Permits Branch (214) 655-7503, FAX (214) 655-6490. Should you have any questions regarding compliance with the conditions of this permit, please contact the Enforcement Branch at (214) 655-6450.

Sincerely yours,

Myron O. Knudson, P.E.  
Director  
Water Management Division (6W)

Enclosures

cc (w/enclosures): ✓ New Mexico Environment Department

Received by ER-RPF

APR 03 2000



14052

Permit No. NM0028353

AUTHORIZATION TO DISCHARGE UNDER THE  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Clean Water Act, as amended, (33 U.S.C... 1251 et. seq; the "Act"),

University of California  
Management Contractor for Operation and  
Los Alamos National Laboratory  
Los Alamos, New Mexico 87545

Department of Energy  
Los Alamos Area Office  
Los Alamos, New Mexico 87546

(See Part II.J.)

is authorized to discharge from a facility located at Los Alamos National Laboratory, Los Alamos, Los Alamos County, New Mexico

to various streams which are tributaries of Segment No. 2-111 and Segment No. 2-112 of the Rio Grande Basin.

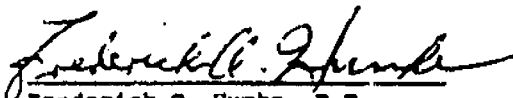
in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts I (17 pages), II (7 pages), and III (7 pages) hereof.

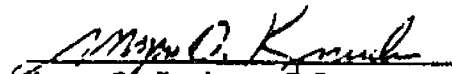
This permit shall become effective on August 1, 1994

This permit and the authorization to discharge shall expire at midnight, October 31, 1998.

Prepared By:

Signed and issued on June 24, 1994

  
Frederick O. Humke, P.E.  
Environmental Engineer  
Industrial Permits Section (6W-P1)

  
Myron O. Knudson, P.E.  
Director  
Water Management Division (6W)

CATEGORY 05A

During the period beginning the effective date and lasting through the expiration date, the permittee is authorized to discharge from Outfalls 05 054, 055, 056, 058, 061, 062, 063, 066, 067, 068, 069, 071, 072, 096, 097, and 159 - high explosive waste discharges. This category shall be identified as 05A.

Such discharges shall be individually limited and monitored by the permittee as specified below:

Effluent Characteristics

	<u>Discharge Limitations</u>			
	<u>Mass (lbs/day)</u>		<u>Other Units (Specify)</u>	
	<u>Daily Avg</u>	<u>Daily Max</u>	<u>Daily Avg</u>	<u>Daily Max</u>
Flow (MGD)	N/A	N/A	(#1)	(#1)
Chemical Oxygen Demand	N/A	N/A	125 mg/l	125 mg
Total Suspended Solids	N/A	N/A	30 mg/l	45 mg
Oil and Grease	N/A	N/A	15 mg/l	15 mg
Water Quality Parameters	N/A	N/A	(#2)	(#2)

Effluent Characteristics

	<u>Monitoring Requirements</u>	
	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow (MGD)	1/3 months	Estimate
Chemical Oxygen Demand	1/3 months	Grab
Total Suspended Solids	1/3 months	Grab
Oil and Grease	1/3 months	Grab
Water Quality Parameters	1/Year	Grab

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored once per three months by grab sample.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): Following the final treatment, prior to or at the point of discharge as shown in Part II.

- (#1) Report
- (#2) See Part II, Paragraph L.

157	TA-16-460
161	TAO Otowi Well #1
163	Pajarito Well #1
164	Pajarito Well #2
168	Pajarito Well #3
166	Pajarito Well #3
171	Guaje Well #1
172	Guaje Well #1A
173	Guaje Well #2
174	Guaje Well #4
175	Guaje Well #5
176	Guaje Well #6
177	Guaje Booster #1
182	TA-21-1003
186	Otowi Well #4

2. HIGH EXPLOSIVE WASTE DISCHARGE - Category 03A

OUTFALL NUMBER

DISCHARGE LOCATION

053	TA-16-410
054	TA-16-340
055	TA-16-401, 406
056	TA-16-260
058	TA-16-300 thru 307
061	TA-16-280
062	TA-16-342
063	TA-16-400
066	TA-9-A; 21, 28, 29, 32-35, 37, 38, 40
067	TA-9-B; 41, 42, 43, 45, 46
068	TA-9-48
069	TA-11-50
071	TA-16-430
072	TA-15-460
096	TA-11-51
097	TA-11-52
154	TA-40-41

# ER Individual Record Transmittal Form

(Use one form per individual record transmitted.)

## Section I (to be completed by author/originator)

### Author/originator's Information:

Name Shari Schumsky Z number 120616  
Organization E-ER Phone 5-5445  
Record transmittal date 3/29/00

### Individual Record Information:

Author/originator (Print name[s] and title[s]):

Myron O. Knudson,  
Director  
Water Management Div.

Title of record (or describe topic/record addresses  
(limited to 255 characters)):

NPDES Permit No.  
NM 002.8355  
Public Notice of Final  
Permit Decision

ER doc catalog no. ☐ n/a

Electronic file transmitted? ☐ Yes ☐ NA

Are all attachments included? ☒ Yes

Does record carry proper authorization? ☒ Yes

Symbol number 6127/94

Document date 6/27/94

Page count           

Privileged record? ☐ Yes ☒ No

Is record part of a reference set? ☐ Yes ☒ No

If yes, for which focus area?

☐ Canyons ☐ A<sup>2</sup> ☐ MDAs

☐ Reg Compliance ☐ Remedial Actions

ER ID # 4-277  
(For RPF use only.)

## Section II (to be completed by RPF personnel only)

Name: D. Linda Linder Signature [Signature] Date 4-3-00  
Print name Signature

This form is subject to change:

QP-4.4

Los Alamos  
Environmental Restoration Project