

Los Alamos

NATIONAL LABORATORY

Los Alamos National Laboratory
Los Alamos, New Mexico 87545

Date: October 8, 1998
In Reply Refer To: ESH-18/WQ&H:98-0218
Mail Stop: K497
Telephone: (505) 665-1859

NPDES

Ms. Diana Gamble
U. S. Environmental Protection Agency
Compliance Assurance and Enforcement Division
Water Enforcement Branch (6EN-W)
1445 Ross Avenue
Dallas, Texas 75202-2733

RECEIVED

OCT 13 1998

DOE OVERSIGHT BUREAU

**SUBJECT: REVISED DMR FOR OIL & GREASE AT OUTFALL 05A055
REPORTED IN AUGUST, 1998, NPDES PERMIT NO. NM0028355**

Dear Ms. Gamble:

Enclosed is Los Alamos National Laboratory's revised DMR for Outfall 05A055 for the period May 1, 1998 to July 31, 1998. The DMR submitted on August 28, 1998, reported an erroneous value that resulted in an exceedance for the NPDES daily average and daily maximum permit limits for Oil and Grease. It has since been determined that the analytical data did not meet quality assurance/quality control specifications and was not representative of the discharge, therefore, the data has been found to be invalid. Please make the following changes to your compliance records.

DMR Monitoring Period: 5/1/98 to 7/31/98

	Oil & Grease (Average)	Oil & Grease (Maximum)
Original DMR	51 mg/l	51 mg/l
Revised DMR	Data Invalid No Results	Data Invalid No Results

Supervisory personnel from the analytical laboratory are currently reviewing the analytical procedures and analyst practices, and will take corrective measures needed to prevent a recurrence of this condition. Additionally, the Laboratory's Water Quality and Hydrology Group (ESH-18) NPDES sampling personnel will increase the monitoring for Oil and Grease to once per month until adequate data is collected to assure sample frequency requirements of the Laboratory's NPDES Permit are met.

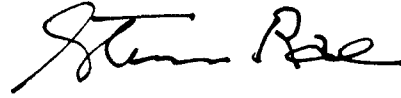


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October 8, 1998

Please contact me at (505) 665-1859 or Mike Saladen at (505) 665-6085 if you any questions concerning the revised DMR.

Sincerely,



Steven R. Rae
Group Leader
Water Quality & Hydrology Group

SR:CJ/md

Enclosures: a/s

Cy: G. Saums, NMED, Santa Fe, New Mexico, w/enc.
J. Parker, NMED/DOE-OB, Santa Fe, New Mexico, w/enc.
J. Vozella, DOE/LAAO, w/enc., MS A316
C. Soden, DOE/AL, Albuquerque, New Mexico, w/enc.
R. Grace, ESA/FM/ESH, w/enc., MS C928
D. Erickson, LANL, ESH-DO, w/enc., MS K491
M. Saladen, ESH-18, w/enc., MS K497
C. Jacquez, ESH-18, w/enc., MS K497
E. Birnbaum, CST-9, w/o enc., MS E518
J. Olivares, CST-9, w/o enc., MS K484
L. Kelly, NMT-1, w/o enc., MS G740
WQ&H File, w/enc., MS K497
CIC-10, w/enc., MS A150

NAME UNIVERSITY OF CALIFORNIA
ADDRESS LOS ALAMOS NATIONAL LABORATORY
PO BOX 1663; MAIL STOP K490
LOS ALAMOS, NM 87545

LOCATION Outfall Owner: R. Grace

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)**
(2-16) (17-19)

NM0028355
PERMIT NUMBER

05A	055
DISCHARGE NUMBER	

Revised DMJ

98-10-08

Q MAJOR
F - FINAL

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

MONITORING PERIOD

FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
98	05	01	98	07	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

HIGH EXPLOSIVE WASTE DISCHARGES

***** NO DISCHARGE**

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	QUANTITY OR LOADING (3 Card Only) (46-53)			QUANTITY OR CONCENTRATION (4 Card Only) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
CHEMICAL OXY. DEMAND 00340 1 0 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	9	9	MG/L	0	1/3MO	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	125	125			1/3MO	GRAB
PH 00400 1 0 0	SAMPLE MEASUREMENT	*****	*****	*****	7.7	DAILY AVG	DAILY MAX	SU	0	1/3MO	GRAB
	PERMIT REQUIREMENT	*****	*****		6.0	*****	9.0			1/3MO	GRAB
TOTAL SUSP. SOLIDS 00530 1 0 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	3	3	MG/L	0	1/3MO	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	30	45			1/3MO	GRAB
OIL & GREASE 00556 1 0 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	51	51	MG/L	1	1/3MO	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	15	15		0	1/3MO	GRAB
FLOW 50050 1 0 0	SAMPLE MEASUREMENT	0.0173	0.0173	MGD	*****	DAILY AVG	DAILY MAX	*****		1/3MO	EST
	PERMIT REQUIREMENT	REPORT DAILY AVG	REPORT DAILY MAX		*****	*****	*****			1/3MO	EST
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE 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. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1310. Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.				TELEPHONE		DATE			
STEVEN R. RAE ESH-18 GROUP LEADER						505 665-0453		98 08 28			
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				AREA CODE		NUMBER			
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)											

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Max. and avg. for oil and grease exceed.
See attached non-compliance report

Note: One batch discharge in July 1998 was treated with KOH to adjust pH levels to within permit limits.