Permit

# Los Alamos
NATIONAL LABORATORY

*Los Alamos National Laboratory*
*Los Alamos, New Mexico 87545*

Date: December 12, 1996
In Reply Refer To: ESH-18/WQ&H:96-0627
Mail Stop: K497
Telephone: (505) 665-1859

DEC 1 9 1996

Reg. 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

**SUBJECT: REVISED WATER QUALITY STANDARDS (WQS) DISCHARGE MONITORING REPORT (DMR) FOR ARSENIC AT OUTFALL O4A143, NPDES PERMIT NO. NM0028355**

Dear Ms. Gamble:

Enclosed is Los Alamos National Laboratory's revised Water Quality Standards (WQS) DMR for Outfall 04A143 for the period of August 1, 1995 to July 31, 1996. This DMR is being submitted to include the result for Arsenic which was inadvertently omitted from the original DMR.

Please contact Brenda Edeskuty at (505) 665-0789 or Mike Saladen at (505) 665-6085 if you have any questions or need additional information. Thank you for your assistance in this matter.

Sincerely,

Mike Saladen for

Steven R. Rae
Group Leader, ESH-18
Water Quality and Hydrology Group

BE/vc

Enclosures: a/s

Cy: E. Kelley, NMED, Santa Fe, New Mexico, w/enc.
N. Weber, NMED/AIP, Santa Fe, New Mexico, w/enc.
J. Vozella, DOE/LAAO w/enc., MS A316
C. Soden, DOE/AL, Albuquerque, New Mexico, w/enc.
D. Erickson, ESH/DO, w/enc., MS K491
T. Alexander, DX/DO, w/enc., MS P915
WQ&H File, MS K497
CRM-4, MS A150

15542

PERMITTEE NAME/ADDRESS (Include Facility Name Location if different)
NAME UNIVERSITY OF CALIFORNIA
ADDRESS LOS ALAMOS NATIONAL LABORATORY
PO BOX 1663; MAIL STOP K490
LOS ALAMOS, NM 87545
FACILITY
LOCATION Outfall Owner: T. Alexander

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) NM0028355 PERMIT NUMBER
(17-19) 04A 143 DISCHARGE NUMBER
Y MAJOR
F - FINAL

Form Approved
OMB No. 2040-0004
Approval expires 10-31-94

MONITORING PERIOD

| | YEAR | MO | DAY | | YEAR | MO | DAY |
|---|---|---|---|---|---|---|---|
| FROM | 95 | 08 | 01 | TO | 96 | 07 | 31 |
| | (20-21) | (22-23) | (24-25) | | (26-27) | (28-29) | (30-31) |

NONCONTACT COOLING WATER
*** NO DISCHARGE ***
NOTE: Read instructions before completing this form.

| PARAMETER (32-37) | | QUANTITY OR LOADING (3 Card Only) (46-53) AVERAGE | (54-61) MAXIMUM | UNITS | QUALITY OR CONCENTRATION (4 Card Only) (38-45) MINIMUM | (46-53) AVERAGE | (54-61) MAXIMUM | UNITS | NO EX (62-63) | FREQUENCY OF ANALYSIS (64-68) | SAMPLE TYPE (69-70) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL ARSENIC | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** SR | 0.0 | 0.0 | MG/L | 0 | 1/Yr | Grab |
| 01002 1 0 0 | PERMIT REQUIREMENT | ***** | ***** | | ***** | 0.04 DAILY AVG | 0.04 DAILY MAX | | | 1/YR | GRAB |
| TOTAL BORON | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | 0.0 | 0.0 | MG/L | 0 | 1/YR | GRAB |
| 01022 1 0 0 | PERMIT REQUIREMENT | ***** | ***** | | ***** | 5.0 DAILY AVG | 5.0 DAILY MAX | | | 1/YR | GRAB |
| TOTAL CADMIUM | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | 0.0 | 0.0 | MG/L | 0 | 1/YR | GRAB |
| 01027 1 0 0 | PERMIT REQUIREMENT | ***** | ***** | | ***** | 0.2 DAILY AVG | 0.2 DAILY MAX | | | 1/YR | GRAB |
| TOTAL CHROMIUM | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | 0.0 | 0.0 | MG/L | 0 | 1/YR | GRAB |
| 01034 1 0 0 | PERMIT REQUIREMENT | ***** | ***** | | ***** | 5.1 DAILY AVG | 5.1 DAILY MAX | | | 1/YR | GRAB |
| TOTAL COBALT | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | 0.0 | 0.0 | MG/L | 0 | 1/YR | GRAB |
| 01037 1 0 0 | PERMIT REQUIREMENT | ***** | ***** | | ***** | 1.0 DAILY AVG | 1.0 DAILY MAX | | | 1/YR | GRAB |
| TOTAL COPPER | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | 0.0 | 0.0 | MG/L | 0 | 1/YR | GRAB |
| 01042 1 0 0 | PERMIT REQUIREMENT | ***** | ***** | | ***** | 1.6 DAILY AVG | 1.6 DAILY MAX | | | 1/YR | GRAB |
| TOTAL LEAD | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | 0.0 | 0.0 | MG/L | 0 | 1/YR | GRAB |
| 01051 1 0 0 | PERMIT REQUIREMENT | ***** | ***** | | ***** | 0.4 DAILY AVG | 0.4 DAILY MAX | | | 1/YR | GRAB |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
STEVEN R. RAE
ESH-18 GROUP LEADER
TYPED OR PRINTED

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 USC § 1001 AND 33 USC § 1319 (Penalties under these statutes may include fines up to $10,000 and/or maximum imprisonment of between 6 months and 5 years)

Steven Rae
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
505 665-0453
AREA CODE NUMBER

DATE
96 8 27
YEAR MO DAY

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

EPA Form 3320-1 (Rev 9-88) Previous editions may be used (REPLACES EPA FORM T-40 WHICH MAY NOT BE USED)



* U.S. GOVERNMENT PRINTING OFFICE 1993 342-141/7333