



Permit

- Carl  
- John Y.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 6  
1445 ROSS AVENUE, SUITE 1200  
DALLAS, TX 75202-2733

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FEB 26 2001

COPY

CERTIFIED MAIL: RETURN RECEIPT REQUESTED (7000 0520 0021 8611 2711)

Mr. Dennis J. Erickson, Director  
Environment, Safety, and Health Division  
P.O. Box 1663, Mail Stop: K491  
Los Alamos National Laboratory  
Los Alamos, New Mexico 87545

RECEIVED  
MAR 1 2001

NM ENVIRONMENT DEPARTMENT  
OFFICE OF THE SECRETARY

Re: NPDES Permit No. NM0028355  
Minor Permit Modification

Dear Mr. Erickson:

The permit issued December 29, 2000, contains certain typographical errors. Following regulations listed at 40CFR122.63(a), the following minor permit modifications are made:

PAGE 10 and 11 of Part I  
The pH excursion provisions have been removed.

Page 17 of Part I  
The reporting date is corrected to read "the 28<sup>th</sup> day of the month."

Page 4 of Part II  
Is corrected to read: "a) Microwave Digestion: SW846 Method 3015 and b) Hot Plat Digestion: Epa Method 200.2."

The corrected page(s) are enclosed.

If you have any questions on any aspect of this minor permit modification, please feel free to contact the permit writer, J. Scott Wilson, at VOICE:214-665-7511, FAX:214-665-2191, or EMAIL: wilson.js@epa.gov.

Sincerely yours,

Paulette Johnsey  
Acting Chief  
Permits Section (6WQ-PP)

Enclosure(s)

cc (w/enclosures): New Mexico Environment Department



15907



Total Cobalt STORET: 01037	1/Year	Grab
Total Selenium STORET: 01147	1/Year	Grab
Total Vanadium STORET: 01087	1/Year	Grab
Radium 226 + Radium 228 STORET: 11503	1/Year	Grab
Tritium (*3) STORET: 82136	1/Year	Grab
Total Nickel STORET: 01067	1/Month	Grab
Perchlorate STORET: 61209	1/Year	Grab

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SAMPLING LOCATION(S) AND OTHER REQUIREMENTS

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**SAMPLING LOCATION(S)**

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): following the final treatment and prior to or at the point of discharge from TA-50-1 treatment plant (Latitude 35°51'58.3"N, Longitude 106°17'48.5"W)

**NO DISCHARGE REPORTING**

If there is no discharge event at this outfall during the sampling month, place an "X" in the NO DISCHARGE box located in the upper right corner of the preprinted Discharge Monitoring Report.

**FLOATING SOLIDS OR VISIBLE FOAM**

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

**FLOW MEASUREMENTS**

"Estimate" flow measurements shall not be subject to the accuracy provisions established at Part III.C.6. The daily flow value may be estimated using best engineering judgment.

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FOOTNOTES

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- \*1 The pH shall be within the range of 6.0 to 9.0 standard units at all times.
- \*2 The limits and monitoring for Total Toxic Organics do not include 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD), Pesticides, or Polychlorinated biphenyls

- \*3 When accelerator produced. The permittee shall monitor the influent to the TA-50 treatment plant once per year to determine sources of tritium.
  
- \*4 If any individual analytical test result is less than the minimum quantification level listed at Part II.A of this permit, a value of zero (0) may be used for that individual result for the Discharge Monitoring Report (DMR) calculations and reporting requirements

**B. SCHEDULE OF COMPLIANCE**

The permittee shall achieve compliance with the effluent limitations specified for discharges in accordance with the following schedule:

NONE

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than fourteen (14) days following each schedule date. Any reports of noncompliance shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

**C. REPORTING OF MONITORING RESULTS (MAJOR DISCHARGERS)**

Monitoring information shall be on Discharge Monitoring Report Form(s) EPA 3320-1 as specified in Part III.D.4 of this permit and shall be submitted monthly.

1. Reporting periods shall end on the last day of the month.
2. The permittee is required to submit regular monthly reports as described above postmarked no later than the 28<sup>th</sup> day of the month following each reporting period.

- F. The University of California (UC) and the U.S. Department of Energy (DOE) are co-permittees for the Los Alamos National Laboratory (LANL) NPDES permit.

EPA may take enforcement actions as appropriate against either UC or DOE or both.

- G. Upon receipt of analytical results, any limited parameter found to be out of compliance with this permit shall be resampled for that noncompliant parameter within seven (7) days. This resampling schedule for noncompliant effluent limits shall be repeated until analytical results indicate the limited parameter is in compliance with this permit.
- H. This permit may be reopened and modified or revoked and reissued to reflect any applicable changes to the New Mexico Water Quality Standards.

I. TEST METHODS

The following methods may be used for analysis under this permit:

Liquid Scintillation Counting: EPA Method ANC335, R-1

Gamma Spectroscopy: EPA Methods 904.0 and 903.1

Nitroaromatics and Nitramines by High Performance Liquids Chromatography: SW846 Method 8330

Determination of Trace Elements in Water and Wastes by Inductively Coupled Plasma-Atomic Emission Spectrometry: EPA Method 200.7

Determination of Metals and Trace Elements in Water and Wastes by Inductively Coupled Plasma-Atomic Emission Spectrometry: EPA Method 200.8

Determination of Trace Elements by Stabilized Temperature Graphite Furnace Atomic Absorption Spectrometry: EPA Method 200.9

Determination of Inorganic Anions by Ion Chromatography: EPA Method 300.0

Microwave Digestion: SW846 Method 3015

Hot Plat Digestion: EPA Method 200.2