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REGION VI

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SURFACE WATER QUALITY PERMIT

KATHLEEN M. SISNEROS
SURFACE WATER QUAL. BUR/EID
P.O. BOX 968
SANTA FE, NM 87504-0968

81

Kelly

*Permit
4/14/1987
file now*

14912



PUBLIC NOTICE



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VI
1201 ELM STREET
DALLAS, TEXAS 75270

February 24, 1987

STATEMENT OF BASIS

for proposed National Pollutant Discharge Elimination System (NPDES) permit No. NMO028878 to discharge to waters of the United States.

Issuing office: U.S. Environmental Protection Agency, Region VI
1201 Elm St.
Dallas, Texas 75270

Applicant: Navajo Dam
c/o U.S. Bureau of Reclamation
125 South State Street
Salt Lake City, Utah 84111

1. The applicant currently operates a Bureau of Reclamation dam and reservoir.
2. As described in the application, the site is located in San Juan County, New Mexico. Discharges are to the San Juan River in Segment No. 2-405 of the San Juan River Basin. This segment is effluent limited.
3. On the basis of preliminary staff review, the Environmental Protection Agency, after consultation with the State of New Mexico has made a tentative determination to issue a permit for the discharge described in the application.
4. The following is an explanation of the derivation of the conditions of the draft permit and the reasons for them, or in the case of notices of intent to deny or terminate, reasons suggesting the tentative decisions as required under 40 CFR 124.7 (45 FR 33488, May 19, 1980).

The proposed permit limitations are based on the present permit and best professional judgment.

5. The permit is in the process of certification by the State Agency. A draft permit and draft public notice will be sent to the District Engineer, Corps of Engineers and to the Regional Director of the U.S. Fish and Wildlife Service and the National Marine Fisheries Service prior to the publication of that notice.
6. The public notice describes the procedures for the formulation of final determinations.

Advertising Order Number 7T-3164-NNLX
U.S. Environmental Protection Agency
Public Notice of Draft NPDES Permit(s)

APRIL 4, 1987

This is to give notice that the U.S. Environmental Protection Agency, Region 6, has formulated a Draft Permit for the following facility (facilities) under the National Pollutant Discharge Elimination System. Development of the draft permit(s) was based on a preliminary staff review by EPA, Region 6, and consultation with the State of NEW MEXICO. The State of NEW MEXICO is currently reviewing the draft permit(s) for the purpose of certifying or denying certification of the permit(s). The permit(s) will become effective within 30 days after the close of the comment period unless:

- a. The State of NEW MEXICO denies certification, or requests an extension for certification prior to that date.
- b. Comments received prior to MAY 5 1987 warrant a public notice of EPA's final permit decision.
- c. A public hearing is held requiring delay of the effective date.

EPA's contact person for submitting written comments, requesting information regarding the draft permit, and/or obtaining copies of the permit and the Statement of Basis or Fact Sheet is:

Ms. Ellen Caldwell
Permits Branch (6W-PS)
U.S. Environmental Protection Agency
Allied Bank Tower
1445 Ross Avenue
Dallas, Texas 75202-2733
(214) 655-7190

EPA's comments and public hearing procedures may be found at 40 CFR 124.10 and 124.12 (48 Federal Register 14264, April 1, 1983, as amended at 49 Federal Register 38051, September 26, 1984). The comment period during which written comments on the draft permit may be submitted extends for 30 days from the date of this Notice. During the comment period, any interested person may request a Public Hearing by filing a written request which must state the issues to be raised. A public hearing will be held when EPA finds a significant degree of public interest.

EPA will notify the applicant and each person who has submitted written comments or requested notice of the final permit decision. A final permit decision means a final decision to issue, deny, modify, revoke or reissue, or terminate a permit. Any person may request an Evidentiary Hearing on the agency's final permit decision. However, the request must be submitted within 30 days of the date of the final permit decision and be in accordance with the requirements of 40 CFR 124.74. Any condition(s) contested in a request for an evidentiary hearing on an existing Source may be stayed if the request for a hearing is granted. If any condition(s) contested in a request for an evidentiary hearing are granted on a New Source, New Discharger, or Recommending Discharger the applicant shall be without a permit.

Further information including the administrative record may be viewed at the above address between 8 a.m. and 8:30 p.m., Monday through Friday.

NPDES authorization to discharge to waters of the United States,
Permit No. NM0028355.

The applicant's mailing address is: Department of Energy
Los Alamos Area Office
Los Alamos, New Mexico 87544

The discharge from this national laboratory is made into various tributaries to the Rio Grande, a water of the United States classified for irrigation, livestock and wildlife watering, secondary contact recreation, coldwater, fishery and warmwater fishery. The discharge is located on that water at the Los Alamos National Laboratory in Los Alamos County, New Mexico. A fact sheet is available. Under the standard industrial classification (SIC) code 9611, the applicant's activities are research and development.

The changes from the previously issued permit are:

Additional Outfalls 128 and 129 are added to the permit.

128 Photo process printed
circuit board waste water

129 Boiler blow down

Based on BPJ (best professional judgment) for BAT, limitations for chemical oxygen demand are applied at 75 mg/l daily average and 150 mg/l daily maximum; and for total iron and total copper are based on 1.0 mg/l daily average and 2.0 mg/l daily maximum.

Based on BPJ for BCT, limitations for total suspended solids are applied at 50 mg/l daily average and 100 mg/l daily maximum; and pH limitations are established within the range of 6.0 to 9.0 S.U.

Outfall 129

Flow limitations of 750 GPD daily average and 1500 GPD daily maximum are based on modification request application data.

Based on BPJ for BCT, limitations for total suspended solids are applied at 30 mg/l daily average and 100 mg/l daily maximum; total iron limitations are applied at 10 mg/l daily average and 40 mg/l daily maximum; total copper limitations are applied at 1 mg/l daily average and daily maximum; total phosphorus limitations are applied at 20 mg/l daily average and 40 mg/l daily maximum; and sulfite limitations are applied at 35 mg/l daily average and 70 mg/l daily maximum.

10. The requested variance(s) N/A appear justified for the following reason(s):

N/A

11. The permit is in the process of certification by the State agency. A draft permit and draft public notice will be sent to the District Engineer, Corps of Engineers, and to the Regional Director of the U.S. Fish and Wildlife Service, and the National Marine Fisheries Service, prior to the publication of that notice.

12. The public notice describes the procedures for the formulation of final determinations.

Advertising Order Number _____
 U.S. Environmental Protection Agency
 Public Notice of Draft NPDES Permit(s)

APRIL 4, 1987

This is to give notice that the U.S. Environmental Protection Agency, Region 6, has formulated a Draft Permit for the following facility (facilities) under the National Pollutant Discharge Elimination System. Development of the draft permit(s) was based on a preliminary staff review by EPA, Region 6, and consultation with the State of NEW MEXICO. The State of NEW MEXICO is currently reviewing the draft permit(s) for the purpose of certifying or denying certification of the permit(s). The permit(s) will become effective within 30 days after the close of the comment period unless:

a. The State of NEW MEXICO denies certification, or requests an extension for certification prior to that date.

b. Comments received prior to MAY 5, 1987 warrant a public notice of EPA's final permit decision.

c. A public hearing is held requiring delay of the effective date.

EPA's contact person for submitting written comments, requesting information regarding the draft permit, and/or obtaining copies of the permit and the Statement of Basis or Fact Sheet is:

Ms. Ellen Caldwell
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 1445 Ross Avenue
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EPA will notify the applicant and each person who has submitted written comments or requested notice of the final permit decision. A final permit decision means a final decision to issue, deny, modify, revoke or reissue, or terminate a permit. Any person may request an Evidentiary Hearing on the agency's final permit decision. However, the request must be submitted within 30 days of the date of the final permit decision and be in accordance with the requirements of 40 CFR 124.74. Any condition(s) contested in a request for an evidentiary hearing on an existing Source may be stayed if the request for a hearing is granted. If any condition(s) contested in a request for an evidentiary hearing are granted on a New Source, New Discharger, or Recommencing Discharger the applicant shall be without a permit.

Further information including the administrative record may be viewed at the above address between 8 a.m. and 8:30 p.m., Monday through Friday.

c. Outfall	Parameter	Effluent Characteristics	
		Daily Avg (mg/l)	Daily Max (mg/l)
128	Chemical Oxygen Demand	N/A	N/A
128	Total Suspended Solids	N/A	N/A
128	Total Iron	N/A	N/A
128	Total Copper	N/A	N/A
128	pH	within the range of 6.0 to 9.0 S.U.	
129	Total Suspended Solids	100	300
129	Total Iron	10	40
129	Total Copper	1.0	1.0
129	Total Phosphorus	2.0	40
129	Sulfite (as SO ₃)	35	70

6. On the basis of preliminary staff review, the Environmental Protection Agency, after consultation with the State of New Mexico, has made a tentative determination to issue a permit for the discharge described in the application.

7. The proposed effluent limitations for those pollutants proposed to be limited are as follows:

See attached draft permit.

8. A brief explanation follows of the express statutory or regulatory provision on which permit requirements are based, including appropriate supporting references to the Administrative Record required by 40 CFR 124.9:

- Present NPDES Permit No. NM0028355 issued to LASL on January 31, 1986.
- Water Quality Standards for Interstate and Intrastate Streams in New Mexico.
- Modification request dated January 20, 1987, from LASL.

9. The following is an explanation of calculations or other necessary explanation of the derivation of specific effluent limitations and conditions, including a citation to the applicable effluent limitation guideline or performance standard provisions as required under 40 CFR 122.44 and 122.45 and reasons why these are applicable:

Outfall 128

Flow limitations of 1200 GPD daily average and 3000 GPD daily maximum are based on modification request application data. All mass limitations are based on 1200 GPD flow.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VI
ALLIED BANK TOWER AT FOUNTAIN PLACE
1445 ROSS AVENUE
DALLAS, TEXAS 75202

February 24, 1987

FACT SHEET

NPDES authorization to discharge to waters of the United States.
Permit No. NM0028878.

The applicant's mailing address is : U.S. Bureau of Reclamation
125 South State Street
Salt Lake City, Utah 84111

The discharge from this existing discharge is made into the San
Juan River, a water of the United States classified for high
quality coldwater fishery, irrigation, livestock and wildlife
watering, and municipal and industrial water supply. The
discharge is located on that water in San Juan County, New
Mexico. A statement of basis is available. Under the standard
industrial classification (SIC) code 4483, the applicant's
activities are dewatering of the stilling basin and excavation of
drainage tunnels during maintenance and construction operations.

The changes from the previously issued permit are:
Outfall 002 was added.

for proposed National Pollutant Discharge Elimination System (NPDES)
Permit No. NM0028355 to discharge to waters of the United States.

Issuing office: U. S. Environmental Protection Agency
Region VI
Allied Bank Tower
1445 Ross Avenue
Dallas, Texas 75202-2733

Applicant: Department of Energy
Los Alamos Area Office
Los Alamos, New Mexico 87544

- 1. The applicant currently operates the Los Alamos Scientific Laboratory.
2. As described in the application, the plant site is located in Los
Alamos County, New Mexico. Discharge is to various tributaries to the
Rio Grande River in Segment No. 2-111 of the Rio Grande Basin.
3. The known uses of the receiving waters are: irrigation, livestock
and wildlife watering, secondary contact recreation, coldwater fishery
and warmwater fishery.
4. Stream standards are: the general and specific stream standards
are provided in "Water Quality Standards for Interstate and Intrastate
Streams in New Mexico", New Mexico Water Quality Control Commission,
February 15, 1985.
5. The following is a quantitative description of the discharge described
in the application:

Table with 5 columns: Outfall, Flow Frequency, Avg/Daily (MGD), Max/(MGD), Min/(MGD). Rows include outfalls 128 and 129 with intermittent flow frequencies and discharge rates. A second table below shows temperature data for the same outfalls, with columns for Avg/Summer, Avg/Winter, Max, and Min temperatures in degrees Fahrenheit.