

State of California
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LOS ANGELES REGION

ORDER NO. 83-62

NPDES NO. CA0058700

WASTE DISCHARGE REQUIREMENTS
FOR
UNITED STATES NAVY
NAVAL AIR STATION, POINT MUGU

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The California Regional Water Quality Control Board, Los Angeles Region, finds:

1. United States Navy discharges wastes under waste discharge requirements contained in Order No. 78-128 (NPDES Permit No. CA0058700) adopted by this Board on November 27, 1978.
2. United States Navy has filed a report of waste discharge and has applied for renewal of its waste discharge requirements and National Pollutant Discharge Elimination System Permit.
3. United States Navy operates a Naval Air Station at Point Mugu, Ventura County, California, and discharges up to 18,000 gallons per day of water softener regeneration brine, rinse water and filter backwash to a local drainage ditch at a point about 7,000 feet upstream from the tidal prism of Calleguas Creek-Mugu Lagoon, waters of the United States.
4. The land in the vicinity of the discharge is a coastal marshland and the underlying aquifer is intruded by sea water.
5. All other sanitary and industrial wastes from this facility are diverted to the community sewer system.
6. The Board adopted a Revised Water Quality Control Plan for the Santa Clara River Basin on March 27, 1978. The Water Quality Control Plan contains water quality objectives for Mugu Lagoon. The requirements contained in this Order, as they are met, will be in conformance with the goals of the Water Quality Control Plan.
7. The beneficial uses of the receiving waters are: non-contact water recreation, wildlife habitats, preservation of rare and endangered species, marine habitat and saline water habitat.
8. Effluent limitation standards established pursuant to Section 301 of the Federal Water Pollution Control Act and amendments thereto are applicable to the discharge.
9. The issuance of waste discharge requirements for this discharge is exempt from the provisions of Chapter 3 (commencing with Section 21100) of Division 13 of the Public Resources Code in accordance with Water Code Section 13382.

The Board has notified the discharger and interested agencies and persons of its intent to prescribe the waste discharge requirements for this discharge and has provided them with an opportunity to submit their written views and recommendations.

The Board in a public hearing heard and considered all comments pertaining to the discharge and to the tentative requirements.

This Order shall serve as a National Pollutant Discharge Elimination System permit pursuant to Section 402 of the Federal Water Pollution Control Act, or amendments thereto, and shall take effect at the end of ten days from the date of its adoption, provided the Regional Administrator, EPA, has no objections.

IT IS HEREBY ORDERED, that United States Navy, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Federal Water Pollution Control Act and regulations and guidelines adopted thereunder, shall comply with the following:

A. Effluent Limitations

1. The discharge of an effluent in excess of the following limits is prohibited:

<u>Constituent</u>	<u>Unit</u>	<u>Discharge Limitation</u>	
		<u>30-Day Average</u>	<u>Maximum</u>
Suspended Solids	mg/l	50	150
	lbs/day*	7.5	22.5
Settleable Solids	ml/l	0.1	0.3
BOD ₅ 20°C	mg/l	20	60
	lbs/day*	3	9
Oil and grease	mg/l	10	15
	lbs/day*	1.5	2.25

*Based on the maximum flow rate of 18,000 gallons per day.

2. The daily discharge rate shall be obtained from the following calculation for a calendar day:

$$\text{Daily discharge rate} = \frac{8.34}{N} \sum_{i=1}^N Q_i C_i$$

in which N is the number of samples analyzed in any calendar day. Q_i and C_i are the flow rate (MGD) and the constituent concentration (mg/l) respectively, which are associated with each of the N grab samples which may be taken in any calendar day. If a composite sample is taken, C_i is the concentration measured in the composite sample and Q_i is the average flow rate occurring during the period over which samples are composited.

3. The 30-day average shall be the arithmetic average of all the daily values calculated using the results of analyses of all samples collected during any 30 consecutive calendar day period. If fewer than four samples are collected and analyzed during any 30 consecutive calendar day period, compliance with the 30-day average limitation shall not be determined.
4. The pH of wastes discharged shall at all times be within the range 6.0 to 9.0.
5. The temperature of wastes discharged shall not exceed 100°F.
6. Wastes discharged shall not contain visible oil or grease, and shall not cause the appearance of grease, oil or oily slick, or persistent foam in the receiving waters or on channel banks, walls, inverts or other structures.
7. Wastes discharged shall not cause the formation of sludge deposits.
8. Neither the disposal nor any handling of waste shall cause pollution or nuisance.
9. Wastes discharged shall not damage flood control structures or facilities.
10. This discharge shall not cause a violation of any applicable water quality standard for receiving waters adopted by the Regional Board or the State Water Resources Control Board as required by the Federal Water Pollution Control Act and regulations adopted thereunder. If more stringent applicable water quality standards are promulgated or approved pursuant to Section 303 of the Federal Water Pollution Control Act, or amendments thereto, the Board will revise and modify this Order in accordance with such more stringent standards.
11. Wastes discharged shall not contain any substances in concentrations toxic to human, animal, plant, or aquatic life.

B. Provisions

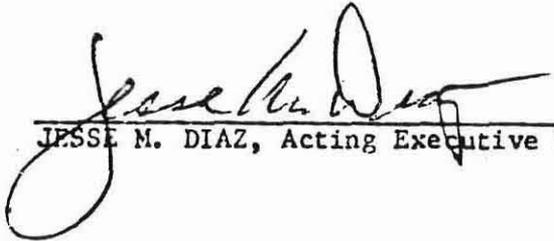
1. This Order includes the following items of the attached "Standard Provisions": 1,2,4,5,6,7,8,9, and 11.
2. This Order includes the following items of the attached "Reporting Requirements": 1,5, and 8.
3. This Order includes the attached "General Monitoring and Reporting Provisions."
4. This Order expires on October 10, 1988, and the discharger must file a Report of Waste Discharge in accordance with Title 23, California Administrative Code, not later than 180 days in advance of such date as application for issuance of new waste discharge requirements.
5. A copy of these waste discharge specifications shall be maintained at the discharge facility so as to be available at all times to operating personnel.
6. In the event of any change in name, ownership, or control of these waste disposal facilities, the discharger shall notify this Board of such change and shall notify the succeeding owner or operator of the existence of this Order by letter, copy of which shall be forwarded to the Board.
7. Any discharge of wastes at any point(s) other than specifically described in this permit is prohibited, and constitutes a violation of the permit.
8. This order may be modified, or, alternatively, revoked and reissued, to comply with any applicable effluent limitation issued pursuant to the order the United States District Court for the District of Columbia issued on June 8, 1976, in Natural Resources Defense Council, Inc. et al. v. Russell E. Train, 8 ERC 2120 (D.D.C. 1976), if the effluent limitation so issued:
 - (1) is different in conditions or more stringent than any effluent limitation in this order; or
 - (2) controls any pollutant not limited in this order.

9. These requirements do not exempt the operator of this waste disposal facility from compliance with any other laws, regulations, or ordinances which may be applicable; they do not legalize this waste disposal facility, and they leave unaffected any further restraint on the disposal of wastes at this site which may be contained in other statutes or required by other agencies.

10. Order No. 78-128, adopted by this Board on November 27, 1978, is hereby rescinded.

I, Jesse M. Diaz, Acting Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Los Angeles Region, on October 24, 1983.

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JESSE M. DIAZ, Acting Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
 LOS ANGELES REGION
 MONITORING AND REPORTING PROGRAM NO. 6445
 FOR
 UNITED STATES NAVY
 NAVAL AIR STATION, POINT MUGU
 (CA00 28700)

The discharger shall implement this monitoring program on the effective date of this Order. The first monitoring report under this program is due by January 15, 1984.

Monitoring reports shall be submitted by the dates in the following schedule:

<u>Reporting Period</u>	<u>Report Due</u>
January - March	April 15
April - June	July 15
July - September	October 15
October - December	January 15

Each monitoring report must affirm in writing that all analyses were conducted at a laboratory certified for such analyses by the State Department of Health Services and in accordance with current EPA guideline procedures or as specified in this Monitoring Program.

For any analyses performed for which no procedure is specified in the EPA guidelines or in this Monitoring Program, the constituent or parameter analyzed and the method or procedure used must be specified in the report. —

If no flow occurred during the quarter the report shall so state.

The report shall state whether there was any change in the type of discharge as described in the application, during the reporting period.

Effluent Monitoring

A sampling station shall be established for each point of discharge and shall be located where representative samples of that effluent can be obtained. The following shall constitute the effluent monitoring program:

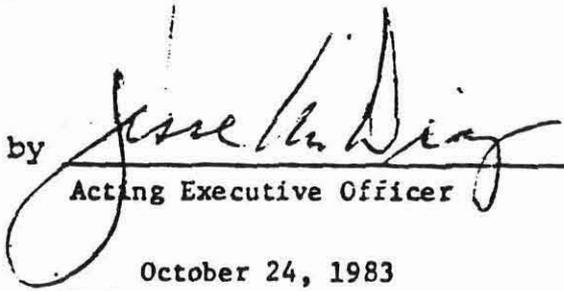
<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis*</u>
pH	pH units	grab	Quarterly
Temperature	°F	grab	monthly
Total waste flow	gal/day	----	monthly
Suspended solids	mg/l	grab	quarterly
Settleable solids	ml/l	grab	quarterly
BOD ₅ 20°C	mg/l	grab	semi-annually
Oil and grease	mg/l	grab	semi-annually

*Sampling of backwash wastes shall be taken within the first 5 minutes of backwash.

Demonstration of Compliance with 30-day Average Limitations

For parameters where both 30-day average and maximum limits are specified but where the monitoring frequency is less than four times a month, the following procedure shall apply. If analyses of two successive samples yield results greater than 90% of the maximum limit for a parameter, the sampling frequency for that parameter shall be increased (within one week of receiving the laboratory result on the second sample) to a minimum of once weekly until at least four consecutive weekly samples have been obtained and compliance with the 30-day average limit has been demonstrated and the discharger has set forth for the approval of the Executive Officer a program which ensures future compliance with the 30-day average limit.

Ordered by


Acting Executive Officer

October 24, 1983

Date

PACIFIC MISSILE TEST CENTER POINT MUGU BASE MAP

