



7654

**STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION**

**ORDER NO. 96-016
NPDES NO. CA0063886**

**WASTE DISCHARGE REQUIREMENTS
FOR
ANACAPA MARINE SERVICES**

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

1. Anacapa Marine Services has applied for waste discharge requirements and a National Pollutant Discharge Elimination System permit.
2. Anacapa Marine Services operates a small boat yard located at 3203 South Victoria Avenue, Oxnard, California, and discharges wastewater to the Channel Islands Harbor (latitude 34°10'15", longitude 119°13'18"). Figure 1 shows the location map of the facility.
3. Boats are cleaned and repaired in the Boat Storage and Work Area (Figure 2). Repairs include woodwork, fiberglassing, painting boat tops and bottoms, sandblasting using Sharpshot Abrasives, and welding. Sharpshot Abrasive contains complex silicates and oxides of (iron, silicon, calcium, and aluminum). Spent material from dry sandblasting is swept up and hauled away. Components of blasting abrasive, paint and dirt may enter the channel upon flooding during the rainy season; however, excess spent blasting abrasive, paint chips, dirt, etc. are removed on a daily basis. High pressure hydrowashing water, boat washing and rinsing water, and engine cooling water is pumped into an industrial waste clarifier. Effluent from the three-stage clarifier flows directly into Channel Islands Harbor at a rate of up to 1,000 gallons per day.

By April 15, 1996, the discharger will develop a Water Pollution Control Plan for boat cleaning and repair areas. The Plan will address each existing and potential source of pollution associated with boat repair operation (spent sandblasting abrasive, old and new paint, oil and grease, wash water and waterblasting effluent) and detail specific methods by which pollution from these sources will be controlled.

4. The Regional Board adopted a revised Water Quality Control Plan for the Coastal Watersheds of Los Angeles and Ventura Counties on June 13, 1994. This Plan contains water quality objectives and beneficial uses for the Channel Islands Harbor.

Revised April 1, 1996

5. The beneficial uses of the receiving waters (Channel Islands Harbor - Hydro Unit 403.11) are: industrial service supply, navigation, commercial and sport fishing, contact and non-contact water recreation, wildlife habitat, and marine habitat. Water contact recreational activities are limited to the beach area at the harbor by Marina Authorities.
6. The waste discharges are not expected to cause adverse impacts to recreational beneficial uses due to the distance (approximately one mile) from the discharge point to the nearest water contact recreational areas.
7. The requirements contained in this Order are derived using best professional judgement and are based on the Basin Plan, Federal and State policies and guidelines and, as they are met, will be in conformance with the goals of the Water Quality Control Plan and will protect and maintain the beneficial uses of the receiving waters.
8. The issuance of waste discharge requirements for this discharge is exempt from provision of Chapter 3 (commencing with Section 21100) of Division 13 of the Public Resources Code in accordance with Water Code Section 13389.

The Board has notified the discharger and interested agencies and persons of its intent to issue waste discharge requirements for this discharge and has provided them with opportunities 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 Clean Water Act, or amendments thereto, and shall take effect at the end of the ten days from the date of its adoption, provided the Regional Administrator of the U.S. Environmental Protection Agency (USEPA) has no objections.

IT IS HEREBY ORDERED, that Anacapa Marine Services, in order to meet the provisions contained in Division 7 of the California Code and regulations adopted thereunder, and the provisions of the Federal Clean Water Act and regulations and guidelines adopted thereunder, shall comply with the following:

I. Effluent Limitations

- A. Wastes discharged shall be limited to those described herein above only, as proposed.
- B. The discharge of an effluent with constituents in excess of the following limits is prohibited:

<u>Constituent</u>	<u>Unit of Measurement</u>	<u>Discharge Limitations</u>	
		<u>30-Day Avg.</u>	<u>Daily Max.</u>
Suspended Solids	mg/L	50	150
	lbs/day ⁽¹⁾	0.42	1.24
BOD ₅ 20°C	mg/L	20	60
	lbs/day ⁽¹⁾	0.17	0.50
Oil and Grease	mg/L	10	15
	lbs/day ⁽¹⁾	0.08	0.12
Settleable Solids	ml/L	1.0	3.0

⁽¹⁾ Based on a maximum flow of 1,000 gallons per day

<u>Constituent</u>	<u>Unit of Measurement</u>	<u>Instantaneous Maximum</u>
Benzene	µg/L	5,100
Arsenic	µg/L	69
Cadmium	µg/L	43
Chromium (Total)	µg/L	1,100
Copper	µg/L	2.9
Lead	µg/L	140
Nickel	µg/L	140
Zinc	µg/L	170

C. The pH of wastes discharged shall fall within the range of 6.0- 9.0.

II. Receiving Water Limitations

A. The wastes discharged shall not cause the pH of the receiving water to be less than 6.5 nor more than 8.5. The wastes discharged shall not change the normal ambient pH levels of the receiving waters by more than 0.2 units within any given 24-hour period in receiving waters with designated marine habitat beneficial uses.

B. The wastes discharged shall not increase the receiving water temperature at any time or place by more than 5°F above ambient receiving water temperature, except when ambient receiving water is less than 60° F, the wastes discharged shall not increase the receiving water temperature above 70° F. The wastes discharged shall not increase the temperature of the receiving waters at any time or place by more than 5° F within any given 24-hour period.

- C. The wastes discharged shall not cause the dissolved oxygen concentration of the receiving waters to be depressed below 5.0 mg/L, except when natural conditions cause lesser concentrations, in which case the wastes discharged shall not cause any further reduction in the dissolved oxygen concentration of the receiving waters.
- D. The wastes discharged shall not degrade surface water communities and populations, including vertebrate, invertebrate, and plant species.
- E. The wastes discharged shall not impair the natural taste and odor of fish, shellfish, or other surface water resources used for human consumption.
- F. The wastes discharged shall not produce concentrations of toxic substances in the receiving waters that are toxic to, or produce detrimental physiological responses in human, animal, or aquatic life.
- G. The wastes discharged shall not contain biostimulatory substances in concentrations that promote aquatic growth to the extent that such growth causes nuisance or adversely affects beneficial uses.
- H. The wastes discharged shall not cause any increase in turbidity to the extent that such an increase causes nuisance or adversely affects beneficial uses.

III. Requirements and Provisions

- A. This Order includes the attached "Standard Provisions and General Monitoring and Reporting Requirements".
- B. Anacapa Marine Services (Discharger) must develop and implement a Storm Water Pollution Prevention Plan in accordance with Attachment A: Storm Water Pollution Prevention Plan.

IV. Expiration Date

This Order expires on March 15, 2001.

The discharger must file a Report of Waste Discharge in accordance with Title 23, California Code of Regulations, no later than 180 days in advance of such date as application for issuance of new discharge requirements.

Anacapa Marine Services
Order No. 96-016

CA0063886

I, Robert P. Ghirelli, 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 April 1, 1996.



ROBERT P. GHIRELLI , D. Env.
Executive Officer

/AZ

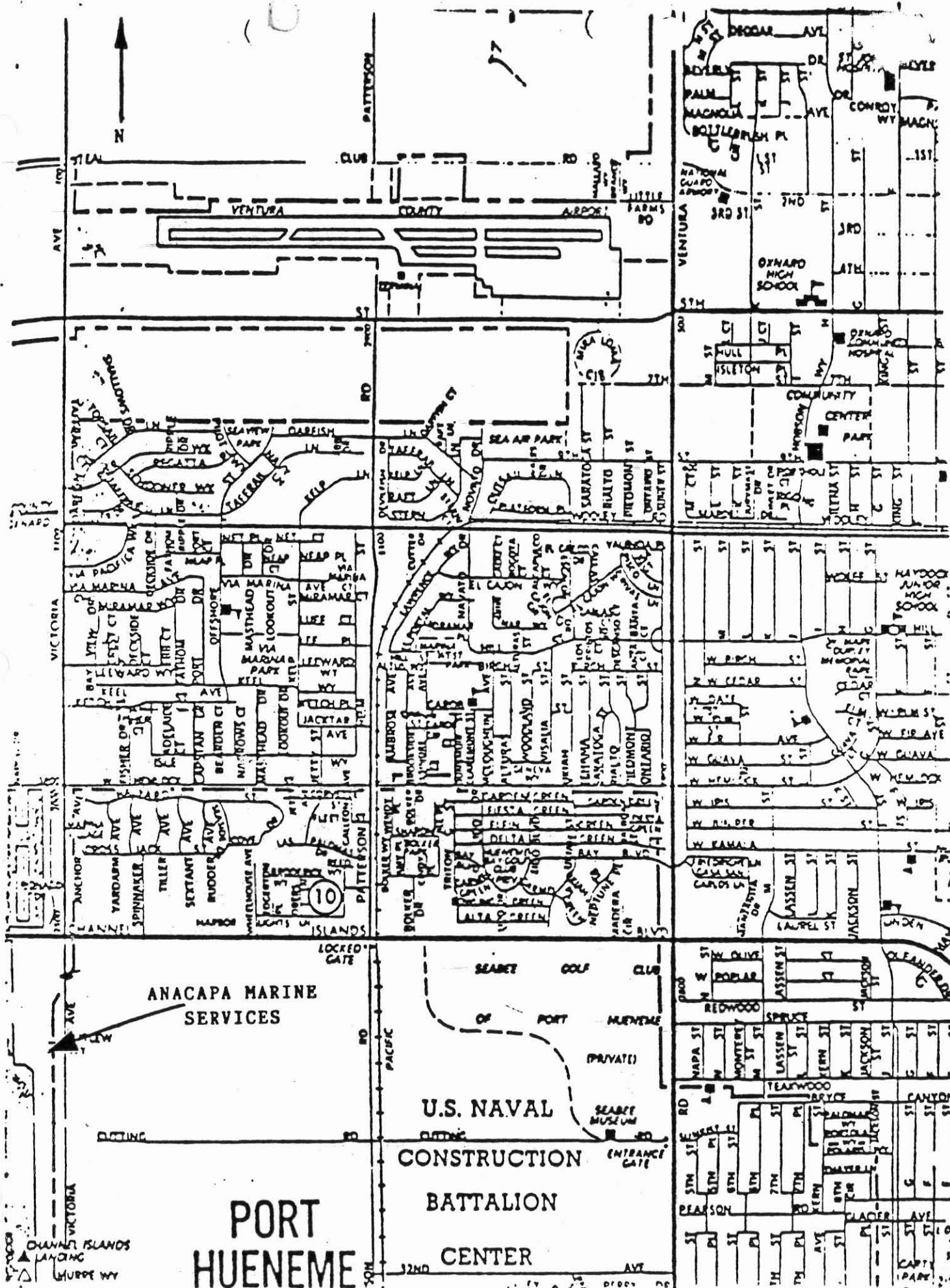


FIGURE 1

MAP #: 1 OF 2

SITE ADDRESS: 3203 Victoria Ave
Oxnard CA 93035

BUSINESS NAME:
DING/AREA ID:

A B C D E F G H I J

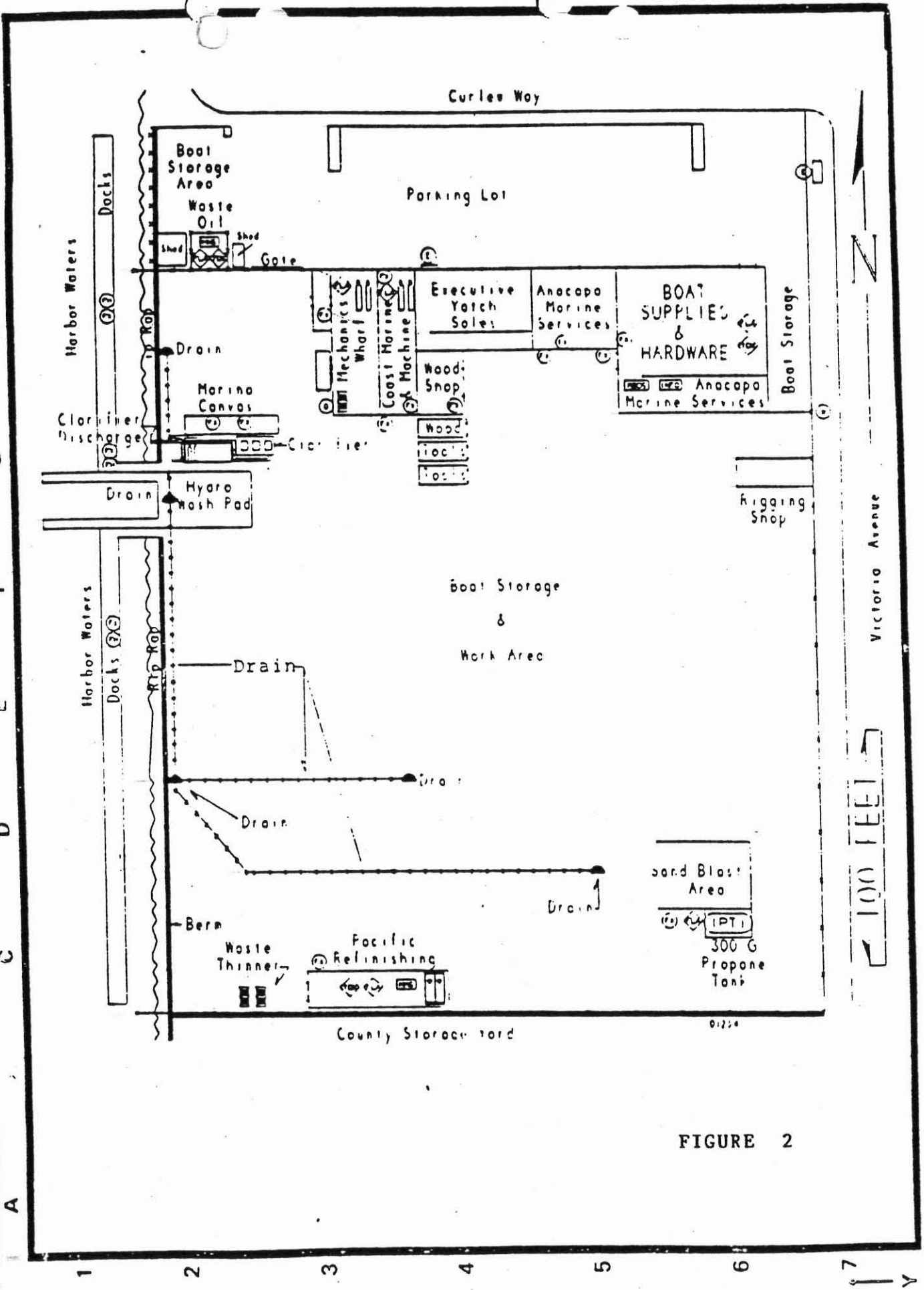


FIGURE 2

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION**

**MONITORING AND REPORTING PROGRAM NO. CI-7654
for
ANACAPA MARINE SERVICES
(NPDES NO. CA0063886)**

I. Reporting

The discharger shall implement this monitoring program on the effective date of this Order. The first monitoring report under this program is due by July 15, 1996 .

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

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

Annual monitoring shall be performed during the month of July.

II. Effluent Monitoring

A. An effluent sampling station shall be established and located where representative samples of effluent can be obtained. The following shall constitute the effluent monitoring program:

<u>Constituents</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u>
Temperature	°F or °C	Grab	monthly
pH	pH Units	Grab	monthly
Total Waste Flow	gals/day	----	monthly
BOD ₅ 20° C	mg/L	Grab	Quarterly ⁽¹⁾
Oil and Grease	mg/L	Grab	Quarterly ⁽¹⁾
Settleable Solids	ml/L	Grab	Quarterly ⁽¹⁾
Suspended Solids	mg/L	Grab	Quarterly ⁽¹⁾

Revised April 1, 1996

<u>Constituents</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u>
Benzene	µg/L	Grab	Annually ^[2]
Arsenic	µg/L	Grab	Annually ^[2]
Cadmium	µg/L	Grab	Annually ^[2]
Chromium (Total)	µg/L	Grab	Annually ^[2]
Copper	µg/L	Grab	Annually ^[2]
Lead	µg/L	Grab	Annually ^[2]
Nickel	µg/L	Grab	Annually ^[2]
Zinc	µg/L	Grab	Annually ^[2]

Footnotes

- [1] If any result exceeds the 30-day average limit, the frequency of analysis shall be increased to weekly within one week of the knowledge of the test result. Weekly testing shall continue for at least four consecutive weeks and until compliance with the 30-day average limit is demonstrated, after which the frequency shall revert to as previously designated.
- [2] If any result exceeds the daily maximum or instantaneous maximum limit, the frequency of analysis shall be increased to daily within one week of knowledge of the test result. Daily testing shall continue for at least four consecutive days and until compliance with the daily maximum or instantaneous maximum limit is demonstrated, after which the frequency shall revert to as previously designated.

III. Receiving Water Monitoring

A. Receiving water stations shall be established at the following locations as indicated on the map in Attachment A:

R-1 Five feet from the discharge location to the west or east from the effluent pipe; and,

R-2 Half way distance between facility and the dead end of the channel

B. Type and frequency of monitoring

Sediment monitoring - The two receiving water stations shall be sampled once every two years for sediment monitoring, the first report of which will be due by July 15, 1997.

Grab samples containing the upper 2 centimeters of sediment shall be taken from an Ekman grab (or another method approved by the Executive Officer) at each

station and analyzed for total arsenic, cadmium, chromium, copper, lead, nickel, zinc, total organic carbon, and sediment grain size (percent sand, silt, and clay).

Summary of Receiving Water Monitoring Program

<u>Constituent</u>	<u>Units</u>	<u>Stations</u>	<u>Type of Sample</u>	<u>Minimum Frequency</u>
Sediment				
Arsenic	mg/kg dry wt.	R1 - R2	grab	biennial
Cadmium	mg/kg dry wt.	R1 - R2	grab	biennial
Chromium	mg/kg dry wt.	R1 - R2	grab	biennial
Copper	mg/kg dry wt.	R1 - R2	grab	biennial
Lead	mg/kg dry wt.	R1 - R2	grab	biennial
Nickel	mg/kg dry wt.	R1 - R2	grab	biennial
Zinc	mg/kg dry wt.	R1 - R2	grab	biennial
Total organic carbon	mg/kg dry wt.	R1 - R2	grab	biennial
grain size	% of each size fraction	R1 - R2	grab	biennial

IV. Storm Water Monitoring

- A. The monitoring program shall document the elimination or reduction of specific pollutants resulting from the implementation of best management practices.
- B. Testing for the presence of non-storm water discharges shall be conducted no less than twice during the dry season (May to September) at all storm water discharge locations. Tests may include visual observations of flows, stains, sludges, odors, and other abnormal conditions; dye tests; TV line surveys; and/or analysis and validation of accurate piping schematics. Records shall be maintained of the description of the method used, date of testing, locations observed, and test results.
- C. Records of all storm water monitoring information and copies of all reports required by this Permit shall be retained for a period of at least five years from the date of the sample, observation, measurement, or report. These records shall include:
 - 1. The date, exact place, and time of sampling, observations, and/or measurements;
 - 2. The individual(s) who performed the sampling, observations, and/or measurements;
 - 3. Flow measurements or estimates and all standard observations;

4. The date(s) analyses were performed and the time(s) analyses were initiated;
5. The individual(s) who performed the analyses;
6. The analytical techniques or methods used and the results of such analyses;
7. Quality assurance/quality control results;
8. All calibration and maintenance records of instruments used; and,
9. All original strip chart recordings for continuous monitoring instrumentation.

V. Water Pollution Control Plan

The facility's Water Pollution Control Plan shall be updated and submitted for Executive Officer approval by June 15, 1996. Thereafter, annual certification by a responsible company official that all conditions of the approved Water Pollution Control Plan have been applied without material deviation shall be submitted with the annual report. In the event material deviations have occurred, the discharger shall discuss the reason therefor and remedial measures taken or to be taken and their timing to assure compliance with the Water Pollution Control Plan.

Ordered by:



ROBERT P. GHIRELLI, D.Env.
Executive Officer

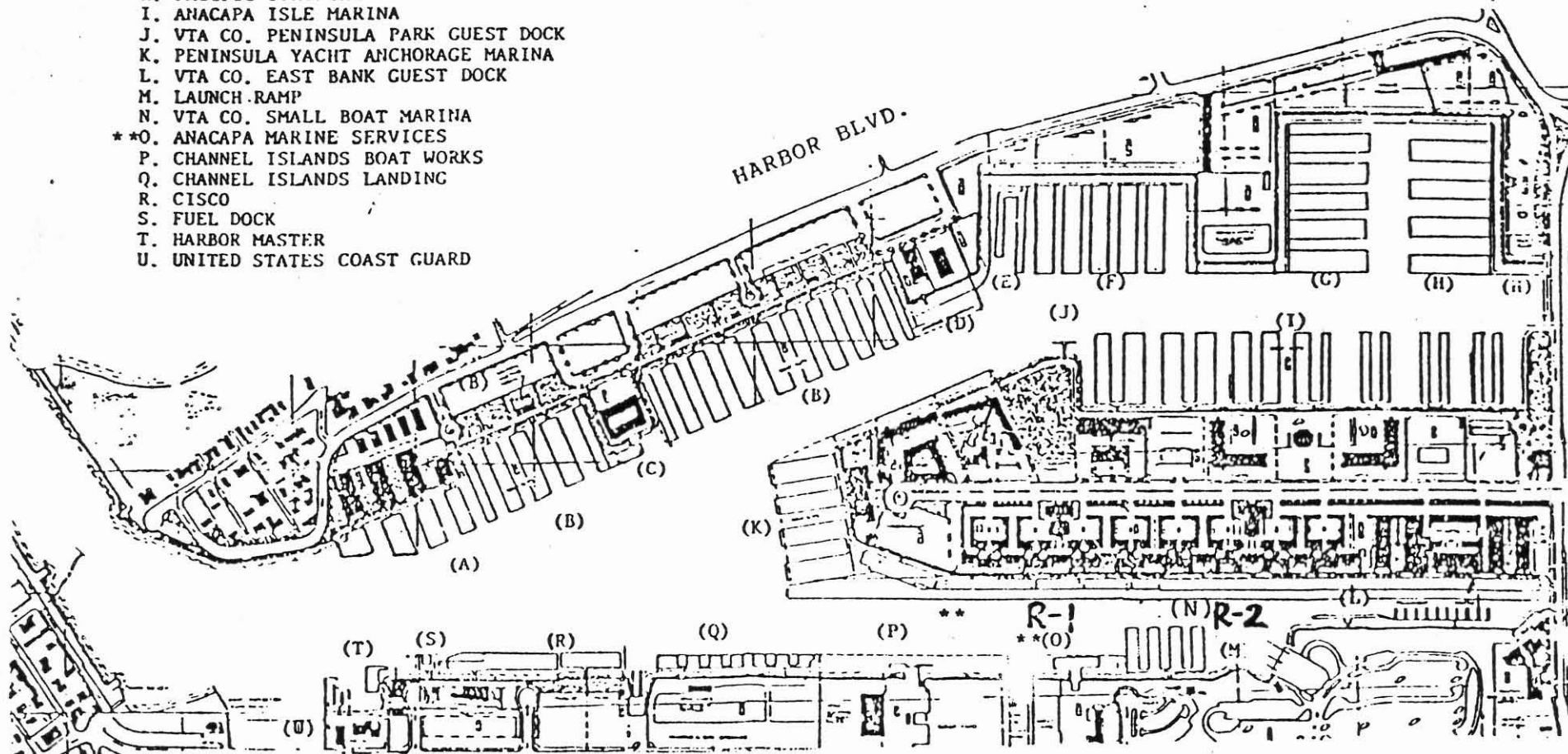
Date: April 1, 1996

IAZ



CHANNEL ISLANDS HARBOR

- A. BAHIA CABRILLO YACHT CLUB
- B. CHANNEL ISLANDS YACHT CLUB AND MARINA
- C. WHALES TAIL/ PORT ROYAL
- D. COAST CHANDLERY / MARINE EMPORIUM
- E. VTA CO. COMMERCIAL FISHING MARINA
- F. VINTAGE 1 MARINA
- G. VINTAGE 2 MARINA
- H. PACIFIC CORINTHIAN YACHT CLUB AND MARINA
- I. ANACAPA ISLE MARINA
- J. VTA CO. PENINSULA PARK GUEST DOCK
- K. PENINSULA YACHT ANCHORAGE MARINA
- L. VTA CO. EAST BANK GUEST DOCK
- M. LAUNCH RAMP
- N. VTA CO. SMALL BOAT MARINA
- *O. ANACAPA MARINE SERVICES
- P. CHANNEL ISLANDS BOAT WORKS
- Q. CHANNEL ISLANDS LANDING
- R. CISCO
- S. FUEL DOCK
- T. HARBOR MASTER
- U. UNITED STATES COAST GUARD



CHANNEL IS. BLVD.

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION**

CENTRE PLAZA DRIVE
TEREY PARK, CA 91754-2156
(213) 266-7500
FAX: (213) 266-7600



April 3, 1996

Mr. Richard M. Fairchild, President
Anacapa Marine Services
3203 South Victoria Avenue
Oxnard, California 93035

REVISED TENTATIVE WASTE DISCHARGE REQUIREMENTS - ANACAPA MARINE SERVICES (NPDES NO. CA0063886, CI 7654)

Our letter dated March 13, 1996, transmitted revised tentative waste discharge requirements for your discharge to the Channel Islands Harbor.

Pursuant to Division 7 of the California Water Code, this Regional Board at a public hearing held on April 1, 1996, reviewed the revised tentative requirements, considered all factors in the case, and adopted Order 96-016 (copy attached)* relative to this waste discharge. This Order serves as a permit under the National Pollutant Discharge Elimination System (NPDES) and expires on March 15, 2001. Pursuant to 40 Code of Federal Regulations Part 122.21 (d) and Section 2235.2, Title 23, California Code of Regulations, the discharger is required to file a complete application for a new permit at least 180 days before the expiration date, if the discharge should to continue beyond that date.

You are required to implement the "Monitoring and Reporting Program" on the effective date of Order No. 96-016. All monitoring reports should be sent to the Regional Board, **ATTN: Technical Support Unit**.

Please reference all technical and monitoring reports to our Compliance File No. 7654. We would appreciate it if you would not combine other reports, such as progress or technical, with your monitoring reports but would submit each type of report as a separate document.

* As the Board adopted the revised tentative requirements without changes in the attachments, we are only sending the final copies of these attachments to the addressee. For those on the mailing list, please refer to the attachments previously sent to you. However, copies of these documents will be furnished upon request.

Mr. Richard M. Fairchild, President
Anacapa Marine Services
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If you have any questions, please call me at (213) 266-7596, or Ann Zaskodna at (213) 266-7599.



Mark Pumford, Chief
Ventura Coastal
Watershed Unit

Enclosures

cc: U.S. Environmental Protection Agency, Region IX, Permit Branch (W-5-1)
U.S. Army Corp. of Engineers, John Castro
U.S. Department of Fish and Wildlife
U.S. NOAA, National Marine Fisheries Service
California Water Resources Control Board, Division of Water Quality - John Youngerman
California Water Resources Control Board, Office of Chief Counsel - Jorge Leon
California Department of Fish and Game, Region 5 - William Paznokas
California Department of Health Services, Environmental Branch
California Coastal Commission, South Coast Region
South Coast Air Quality Management District
County of Ventura, Flood Control District, Alex Sheydayi
County of Ventura, Resource Management Agency, Environmental Health Division
Friends of the Ventura River - Mark Capelli