



California Regional Water Quality Control Board

Los Angeles Region



Winston H. Hickox
Secretary for
Environmental
Protection

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Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful

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June 13, 2003

Mr. Reza Izadi
Los Angeles County
Department of Public Works
900 South Fremont Avenue, 2nd Floor
Alhambra, CA 91803

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
CLAIM NO. 7001 0360 0000 3649 6003

Dear Mr. Izadi:

GENERAL WASTE DISCHARGE REQUIREMENTS FOR WASTE DISCHARGES TO LAND BY SMALL DOMESTIC WASTEWATER SYSTEMS - ZUMA BEACH RESTROOM/DRESSING STATION NO. 6, FOOD STAND NO. 2 & MAINTENANCE STORAGE YARD AT 30066 & 30100 PACIFIC COAST HIGHWAY, MALIBU, CALIFORNIA, (FILE NO. 02- 208)

We have completed our review of your application for Waste Discharge Requirements (WDR) for domestic wastewater generated from the above-mentioned facilities to an on-site septic disposal system. Restroom Station No. 6 and Food Concession Stand No. 2 are located at 30066 Pacific Coast Highway. The restroom facility for Station No.6 occupies a one-story building on the beach, which contains two outdoor showers, ten toilets, eight sinks, and six urinals.

Zuma Beach Maintenance Yard is located at 30100 Pacific Coast Highway. The maintenance yard is used as storage for tractors and other items needed by the Los Angeles County Department of Beaches and Harbors and has its own restroom facility on site.

There are two leachfields, one for each location. One leachfield is located at the maintenance yard and the other leachfield is located at Station No. 6. Restroom Station No. 6 and Food Stand No. 2 share one leachfield located in the parking lot area west of Station No. 6. At each location, wastewater flows from the septic tank to a distribution box that allows flow to the leachfields located in the immediate vicinity of the facilities.

The following chart contains the septic system plans and depth to groundwater for these facilities:

Facility	Septic Tank Capacity	Leachfield Dimension	Depth from GS to GW	Depth from GS to DP	Depth from DP to GW
Zuma Beach Food Stand No.2	None	Share with Station No. 6	Not Applicable	Not Applicable	Not Applicable
Restroom Station No. 6	12,500 gallons	1,752 square feet	8.9 feet	1.5 feet	7.4 feet
Zuma Beach Maintenance Storage Yard	2,500 gallons	1,752 square feet	9.8 feet	1.5 feet	7.3 feet

GS: Ground surface, GW: Groundwater Table, DP: Discharge Point

Zuma Beach Restroom/Dressing Station No. 6, Food Stand No. 2 & Maintenance Storage Yard, are combined into one group and enrolled under one permit due to their similar hydrogeologic conditions and close proximity to one another (See attached map).

California Environmental Protection Agency



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Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

Mr. Reza Izadi
Zuma Beach Restroom Station No. 6,
Food Stand No.2 & Maintenance Storage Yard

- 2 -

June 13, 2003

Regional Board staff have reviewed the information provided and have determined that the proposed discharge meets the conditions specified in the general permit of State Water Resources Control Board (State Board) Water Quality Order No. 97-10-DWQ, "General Waste Discharge Requirements for Discharges to Land by Small Domestic Wastewater Treatment Systems," adopted by the State Board on November 18, 1997.

Enclosed are your Waste Discharge Requirements, consisting of Order No. 97-10-DWQ, Monitoring and Reporting Program No. 97-10-DWQ (Attachment A), Monitoring and Reporting Program No. CI-8545 and Standard Provisions and Reporting for Waste Discharge Requirements (Attachment B). Please note that your discharge must meet the groundwater quality objectives set in the Regional Board's *Water Quality Control Plan for Coastal Watersheds of Los Angeles and Ventura Counties* (Basin Plan) which was adopted on June 13, 1994 and amended on January 27, 1997. The Basin Plan incorporates applicable State and Regional Board plans and policies and other pertinent water quality policies and regulations.

In addition, the State Board adopted a revised *Water Quality Control Plan for the Ocean Waters of California* (Ocean Plan). The State of California Office of Administrative Law and the United States Environmental Protection Agency (USEPA) approved the revised plan on July 9, 2001 and December 3, 2001, respectively. The revised plan contains water quality objectives for coastal waters of California. Monitoring and Reporting Program CI No. 8547 includes receiving water limitations that implement the Ocean Plan.

Although your discharge is enrolled under the general permit (Order No. 97-10-DWQ), it will be reviewed periodically. Based on the technical information pertaining to your septic disposal system and/or groundwater, the Regional Board Executive Officer (Executive Officer) may determine that the discharge would be better regulated under another general WDR or a specific WDR. Once the decision is made, you will be notified within 30 days before any Board action. If the discharge is regulated under another general WDR, or a specific WDR, which requires board action, the applicability of Order No. 97-10-DWQ is immediately terminated on the effective date of the issuance of a new WDR.

Should changes to your septic disposal system be needed, revised engineering drawings showing the change must be filed with the Regional Board a minimum of thirty days prior to the change. As stated in the submitted report dated December 4, 2002, a mitigation plan is being prepared in cooperation with the Los Angeles County, Department of Beaches and Harbor. The proposed plan will be either to relocate the leachfield area or modification of the existing system, as well as installation of monitoring wells. The complete implementation of the mitigation measures is expected to take approximately two years. The Discharger must submit any revised plan for approval.

The Regional Board is increasingly concerned about the aggregate effects of discharges from individual and community subsurface disposal systems on the Malibu watershed and groundwaters. At this time, these WDRs are being issued to regulate an individual disposal system. Future requirements, however, may require the discharge to be connected to a community collection system, or future requirements may require consistency with the WDRs established for a community collection system.

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Mr. Reza Izadi
Zuma Beach Restroom Station No. 6,
Food Stand No.2 & Maintenance Storage Yard

- 3 -

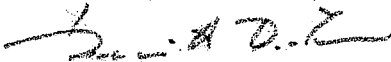
June 13, 2003

The Monitoring and Reporting Program requires you to implement the monitoring program on the effective date of coverage under this permit. All monitoring reports should be sent to the Regional Board, ATTN: Information Technology Unit. When submitting monitoring or technical reports to the Regional Board per these requirements, please include a reference to CI No. 8547, which will assure that the reports are directed to the appropriate file and staff. Do not combine other reports with your monitoring reports. Submit each type of report as a separate document.

We are sending a copy of Order No. 97-10-DWQ to the applicant only. A copy of the Order will be furnished to anyone who requests it.

If you have additional questions, please contact Dr. Kwangil Lee at (213) 620-2269 or Hoan Tang at (213) 620-6156.

Sincerely,



Dennis A. Dickerson
Executive Officer

Enclosures

1. State Water Resources Control Board Water Quality Order No. 97-10-DWQ- *General Waste Discharge Requirements for Discharges to Land by Small Domestic Wastewater Treatment Systems*
 - a) Attachment A: State Water Resources Control Board Monitoring and Reporting Program
 - b) Attachment B: Standard Provisions and Reporting for Waste Discharge Requirements
2. Monitoring and Reporting Program CI No. 8547

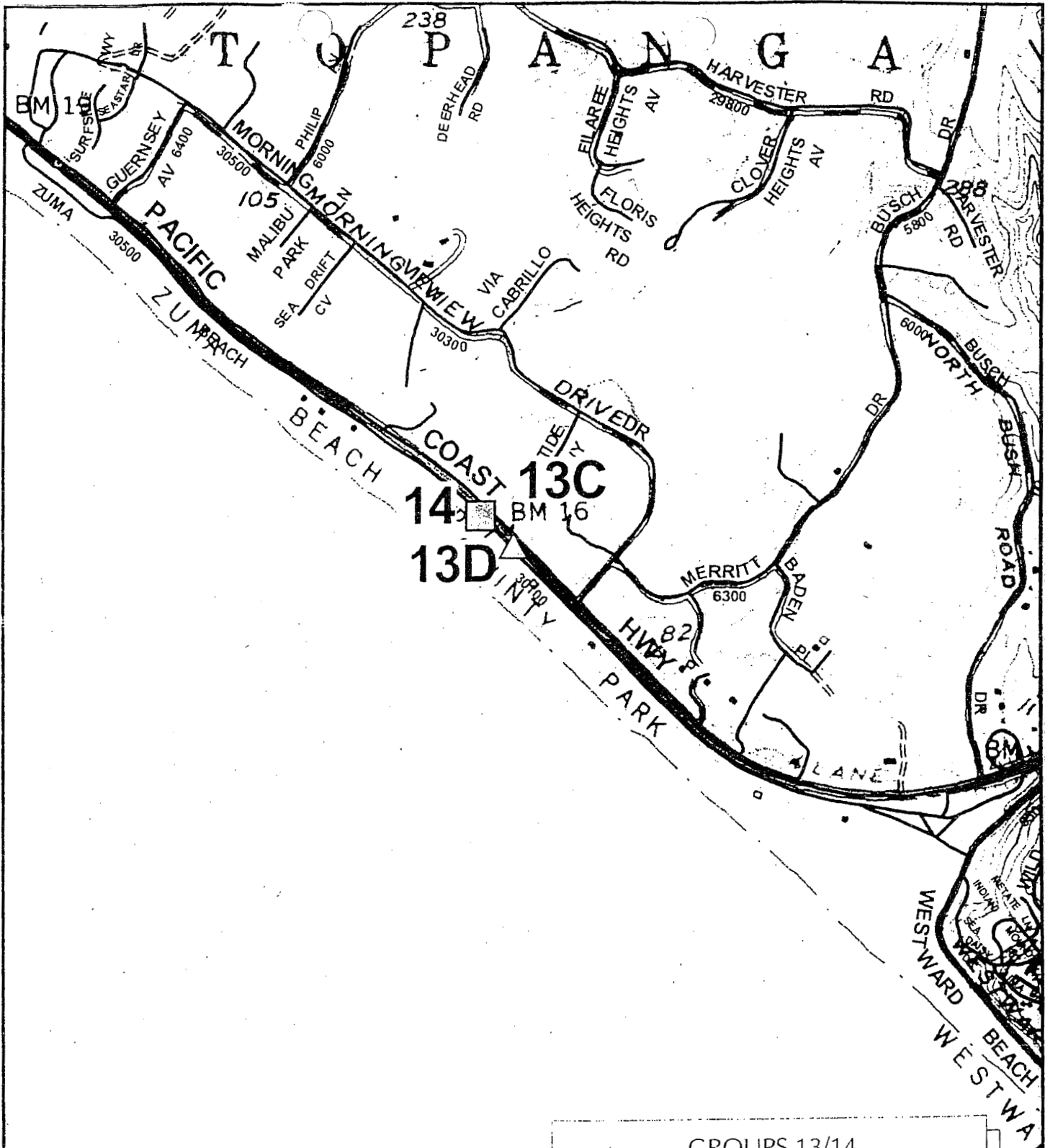
cc: Mr. Michael Lauffer, Office of Chief Counsel, State Water Resources Control Board
Mr. Robert Sams, Office of Chief Counsel, State Water Resources Control Board
Mr. Victor Peterson, City of Malibu

California Environmental Protection Agency



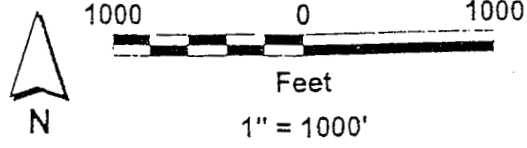
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GROUPS 13/14
 ZUMA BEACH
 FOOD CONCESSION STAND #2
 RESTROOM/DRESSING ROOM #6
 MAINTENANCE/TRACTOR STORAGE
 30066 Pacific Coast Highway
 30100 Pacific Coast Highway
 Date: October 15, 2002



USGS QUAD: POINT DUME

Developed by: Water Resources Division
 Los Angeles County Department of Public Works

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

MONITORING AND REPORTING PROGRAM NO. CI-8547
FOR
LOS ANGELES COUNTY, DEPARTMENT OF PUBLIC WORKS
ZUMA BEACH RESTROOM/DRESSING STATION NO. 6, FOOD STAND NO. 2 &
MAINTENANCE STORAGE YARD
30066 & 30100 PACIFIC COAST HIGHWAY

ENROLLMENT UNDER STATE
ORDER NO. 97-10-DWQ (SERIES NO. 007)
FILE NO. 02-208

I. REPORTING REQUIREMENTS

- A. The Los Angeles County, Department of Public Works. (hereinafter Discharger) shall implement this monitoring program and Attachment A of Order No. 97-10-DWQ (Septic Tank Monitoring) on the effective date of this enrollment (June 13, 2003) under State Water Resources Control Board Order No. 97-10 DWQ. The first monitoring report under this program, for July-September 2003, shall be received at the Regional Board by October 15, 2003.

Monitoring reports shall be received 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

- B. By April 15th of each year, beginning April 15, 2004, the Discharger shall submit an annual summary report to the Regional Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous calendar year. In addition, the Discharger shall discuss the compliance record and the corrective actions taken or planned, which may be needed to bring the discharge into full compliance with the waste discharge requirements.
- C. If there is no discharge, during any reporting period, the report shall so state. Monitoring reports must be addressed to the Regional Board, Attention: Information Technology Unit.
- D. Laboratory analyses – all chemical, bacteriological, and toxicity analyses shall be conducted at a laboratory certified for such analyses by the California Department

June 13, 2003

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

MONITORING AND REPORTING PROGRAM NO. CI-8547
FOR
LOS ANGELES COUNTY, DEPARTMENT OF PUBLIC WORKS
ZUMA BEACH RESTROOM/DRESSING STATION NO. 6, FOOD STAND NO. 2 &
MAINTENANCE STORAGE YARD
30066 & 30100 PACIFIC COAST HIGHWAY

ENROLLMENT UNDER STATE
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FILE NO. 02-208

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June 13, 2003

of Health Services Environmental Laboratory Accreditation Program (ELAP). The laboratory must meet the United States Environmental Protection Agency (USEPA) Quality Assurance/Quality Control (QA/QC) criteria. Pollutants shall be analyzed using the methods described in 40 CFR 136.3, 136.4, and 136.5; or where no methods are specified for a given pollutant, methods approved by the Regional Board shall be utilized.

- E. The method limits (MLs) employed for effluent analyses shall be lower than the permit limits established for a given parameter, unless the Discharger can demonstrate that a particular ML is not attainable and obtains approval for a higher ML from the Executive Officer. The Discharger shall submit a list of the analytical methods employed for each test and the associated laboratory QA/QC procedures upon the request of the Regional Board.
- F. Each monitoring report must affirm in writing that "All analyses were conducted at a laboratory certified for such analyses by the California Department of Health Services, and in accordance with current USEPA guideline procedures or as specified in this Monitoring Program." Proper chain of custody procedures must be followed and a copy of the chain of custody shall be submitted with the report.
- G. Each monitoring report shall contain a separate section titled "Summary of Non-Compliance" which discusses the compliance record and the corrective actions taken or planned that may be needed to bring the discharge into full compliance with waste discharge requirements. This section shall be located at the front of the report and shall clearly list all non-compliance with discharge requirements, as well as all excursions of effluent limitations.
- H. The Discharger shall maintain all sampling and analytical results, including strip charts; date; exact place, and time of sampling; dates analyses were performed; analyst's name; analytical techniques used; and results of all analyses. Such records shall be retained for a minimum of three years. This period of retention shall be extended during the course of any unresolved litigation regarding this discharge, or when requested by the Regional Board.
- I. In reporting the monitoring data, the Discharger shall arrange the data in tabular form so that the date, the constituents, and the concentrations are readily discernible. The data shall be summarized to demonstrate compliance with the requirements and, where applicable, shall include results of receiving water observations.
- J. Any mitigation/remedial activity including any pre-discharge treatment conducted at the site must be reported in the quarterly monitoring report.

II. SEPTIC TANK AND DISPOSAL SYSTEM MONITORING REQUIREMENTS.

The Discharger shall implement the requirements for septic tank monitoring described in Attachment A.

III. GROUNDWATER MONITORING PROGRAM

A groundwater monitoring program shall be designed to detect and evaluate impacts from wastewater discharges from the septic disposal systems. A groundwater monitoring network plan must be submitted to this Regional Board within 45 days from the effective date of this Order and is subject to the Executive Officer's approval prior to implementation. The groundwater monitoring wells must be installed in such a way so as to fully assess the separation between groundwater and the point of discharge, the background groundwater quality, and the downgradient groundwater quality. The plan shall include the exact location of the proposed wells, depths, construction of wells, schedule for the installation and proposed sampling of the wells.

Upon obtaining the Executive Officer's approval of an adequate groundwater monitoring network plan, construction and development of the proposed wells shall be completed within 60 days in accordance with the standards in Bulletins 74-81 and 74-90 of California Department of Water Resources. Within 30 days after installation of monitoring wells, a well installation report including a scaled plot plan, soil boring logs, water quality data, well permits and as-built well construction diagrams shall be submitted to this Board. This groundwater monitoring schedule may be subject to revision after completion of the first year of baseline water quality monitoring.

The monitoring program must be prepared under the direction of a California Registered Geologist, or Certified Engineering Geologist, or a California Registered Civil Engineer with appropriate experience in hydrogeology.

The following shall constitute the groundwater monitoring program:

<u>Constituents</u>	<u>Units*</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis^[1]</u>
Total coliform	MPN/100mL	grab	quarterly
Fecal coliform	MPN/100mL	grab	quarterly
Enterococcus	MPN/100mL	grab	quarterly
Ammonia-N	µg/L	grab	quarterly
Nitrate-N	mg/L	grab	quarterly
Nitrite-N	mg/L	grab	quarterly
Organic nitrogen	mg/L	grab	quarterly
Total nitrogen	mg/L	grab	quarterly
Total dissolved solids (TDS)	mg/L	grab	quarterly

[1] If any constituent exceeds the baseline water quality data, then the frequency of analyses shall increase to monthly until at least three test results have been obtained. After which, if no constituents exceed the baseline, the frequency of analyses shall revert back to quarterly.

*MPN/100mL: Most Probable Number per 100 milliliter; mg/L: milligrams per liter

All groundwater monitoring reports must include, at minimum, the following:

- a. Well identification, date and time of sampling;
- b. Sampler identification, and laboratory identification;
- c. Monthly measurement of groundwater levels, recorded to 0.01 feet mean sea level;
- d. Groundwater contour map depicting the hydraulic gradient and direction of groundwater flow across the subject tract; and
- e. Monthly calculation of vertical separation of groundwater levels to bottom of each septic disposal system (leach field and /or seepage pit).

IV. WASTE HAULING REPORTING

In the event that waste sludge, septage, or other wastes are hauled offsite, the name and address of the hauler shall be reported, along with types and quantities hauled during the reporting period and the location of final point of disposal. In the event that no wastes are hauled during the reporting period, a statement to that effect shall be submitted.

V. MONITORING FREQUENCIES

Specifications in this monitoring program are subject to periodic revisions. Monitoring requirements may be modified or revised by the Executive Officer based on review of monitoring data submitted pursuant to this Order. Monitoring frequencies may be adjusted to a less frequent basis or parameters and locations dropped by the Executive Officer if the Discharger makes a request and the request is backed by statistical trends of monitoring data submitted.

VI. CERTIFICATION STATEMENT

Each report shall contain the following completed declaration:

"I certify under penalty of law that this document, including all attachments and supplemental information, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the

Zuma Beach Restroom Station No. 6,
Food Stand No. 2 & Maintenance Yard
Monitoring and Reporting Program No. CI-8547

File No. 02-208

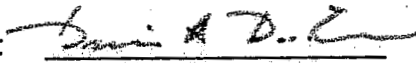
information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment.

Executed on the _____ day of _____ at _____.

(Signature)

(Title)"

These records and reports are public documents and shall be made available for inspection during normal business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region.

Ordered by: 
Dennis A. Dickerson
Executive Officer

Date: June 13, 2003.