

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
CENTRAL COAST REGION**

81 Higuera Street, Suite 200  
San Luis Obispo, California 93401-5427

**ORDER NO. 94-07**

**WATER RECLAMATION REQUIREMENTS  
FOR  
MONTEREY PENINSULA COUNTRY CLUB  
(DUNES AND SHORE GOLF COURSES),  
MONTEREY COUNTY  
PRIMARY USER OF RECLAIMED WATER**

The California Regional Water Quality Control Board, Central Coast Region (hereafter Board), finds:

1. Thomas J. Hayes, General Manager, filed a Report of Waste Discharge on June 16, 1993, in accordance with Sections 13260 and 13522.5 of the California Water Code. The report was filed on behalf of Monterey Peninsula Country Club for authorization to use reclaimed water from the Carmel Area Wastewater District (CAWD) Reclamation Facility.
2. CAWD, (Rio Road, Carmel, Monterey County) owns and operates the Water Reclamation Facility which will provide reclaimed water to the user. The Reclamation Facility is located at the CAWD's wastewater treatment plant. Waste Discharge Requirements Order No. 93-72 was adopted by the Board on September 10, 1993 and regulates the Water Reclamation Facility.
3. Treatment of secondary effluent by CAWD will consist of coagulation, flocculation, filtration and disinfection.
4. Monterey Peninsula Country Club (hereafter User) will use reclaimed water supplied by CAWD Water Reclamation Facility to irrigate the golf course roughs, tees, fairways, greens, and isolated vegetation on MPCC property with reclaimed water produced by Carmel Area Wastewater District. Reclaimed water will also be utilized for water hazards, dust control and other pertinent uses. Proposed Order No. 94-07 will regulate the use of reclaimed water.
5. CAWD will pump tertiary treated water to a 2.5 million gallon storage tank located adjacent to Poppy Hills Golf Course. The storage tank serves as a distribution center, as well as, provides the hydraulic head required by the reclaimed water irrigation system.
6. An average monthly discharge rate of 300,000 gallons per day will be used by each golf course. Discharge areas are shown on Attachment "A" and Attachment "B" of this Order.
7. The Water Quality Control Plan, Central Coast Basin (Basin Plan) was adopted by the Board on November 17, 1989. The Basin Plan incorporates statewide plans and policies by reference and contains a strategy for protecting beneficial uses of State waters.
8. Title 22, Chapter 3 of the California Code of Regulations specifies State Department of Health Services' criteria for treatment and use of reclaimed water. The Board

has consulted with the State and County Health Departments regarding these reclamation requirements.

9. The Carmel Area Wastewater District, as lead agency for the Carmel Area Wastewater District and Pebble Beach Community Services District, certified a final Environmental Impact Report for this project on October 4, 1989, in accordance with the California Environmental Quality Act (Public Resources Code, Section 21000, et seq.) and the California Code of Regulations.
10. Discharge of waste is a privilege, not a right, and authorization to discharge is conditional upon the discharge complying with provisions of Division 7 of the California Water Code and any more stringent effluent limitations necessary to implement water quality control plans, to protect beneficial uses, and to prevent nuisance. Compliance with this Order should assume this and mitigate any potential adverse changes in water quality due to discharge.
11. On November 3, 1993, the Board notified the User and interested agencies and persons of its intent to issue waste discharge requirements for the discharge and has provided them with a copy of the proposed Order and an opportunity to submit written views and comments.
12. After considering all comments pertaining to this discharge during a public hearing on February 11, 1994, this Order was found consistent with the above findings.

**IT IS HEREBY ORDERED**, pursuant to authority in Section 13263 of the California Water Code, Monterey Peninsula Country Club, its agents, successors, and assigns, may discharge reclaimed water at Dunes and Shore Golf Courses providing

compliance is maintained with the following requirements.

Requirements specified in the proposed Orders are based on staff's professional judgement and the following documents:

- A = California Code of Regulations, Title 22
- B = Basin Plan
- C = Administrative Procedures Manual (SWRCB)
- D = Draft Guidelines for Use of Reclaimed Water (DHS)
- E = Standard Provisions and Reporting Requirements (RWQCB)

Throughout the proposed Orders and Monitoring and Reporting Program (MRP) footnotes are included to indicate the source of specified requirements. Requirements not referenced are based on professional judgement.

#### A. PROHIBITIONS

1. Discharge of reclaimed water to areas other than the irrigation areas shown in Attachment A, is prohibited.\*<sup>D</sup>
2. Discharge of reclaimed water not in compliance with Title 22, Division 4, Chapter 3, Article 4, Section 60313 of the California Code of Regulations (adequately oxidized, coagulated, clarified, filtered, disinfected wastewater, or a wastewater treated by a sequence of unit processes that will assure an equivalent degree of treatment and reliability), is prohibited.<sup>A</sup>

\*For the purposes of this prohibition, insignificant amounts of runoff from the extreme peripheries of spray irrigated areas shall not be considered a violation of this Order provided that the runoff is minimal and that the User utilizes good irrigation practices.

**B. RECLAMATION SPECIFICATIONS**

1. The User shall receive reclaimed water only from the Carmel Area Wastewater Reclamation Facility owned by CAWD. CAWD shall store reclaimed water only in the 2.5 million storage tank located adjacent to Poppy Hills Golf Course.
2. Reclaimed water shall be contained within the golf course irrigation area shown on Attachment "A" and Attachment "B", without significant overflow, over-spray or bypass to adjacent drainageways, properties or storm drains.<sup>D</sup>
3. Reclaimed wastewater shall not be applied within 100 feet of any well used for domestic purposes.
4. Reclaimed wastewater shall not be applied within 25 feet of any buildings or other facilities where people may congregate and experience health risk due to reclaimed water use.
5. Irrigation with reclaimed water shall occur at a time and in a manner to prevent or minimize public contact with reclaimed water and to allow irrigated areas maximum opportunity to dry before use. Drinking fountains shall be protected from direct or windblown spray of reclaimed water.<sup>D</sup>
6. All reclamation areas with public access shall be posted to warn the public that reclaimed water is being used. Also, score cards shall clearly state reclaimed water is used for irrigation.<sup>D</sup>
7. Personnel involved in producing, transporting or using reclaimed water shall be informed of possible hazards associated with contact or use of reclaimed water.<sup>D</sup>
8. Tank trucks used for transporting reclaimed water shall be appropriately labeled and shall not leak.<sup>D</sup>
9. Reclaimed water valves, outlets etc. shall be marked to differentiate reclaimed water facilities from potable water facilities. Proper backflow and cross-connection protection for domestic water services and irrigation wells shall be provided.<sup>D</sup>
10. Reclaimed water valves, outlets, quick couplers and sprinklers shall be of a type, or secured in a manner, that permits operation only by authorized personnel. Use or installation of hose bibs on the reclaimed water system shall not be permitted.<sup>D</sup>
11. Reclaimed water shall be applied at a rate and volume not to exceed vegetative demand and soil moisture holding conditions. Special precautions must be taken to prevent clogging of spray nozzles, over watering and ponding, and to minimize runoff. Pipelines shall be maintained to prevent leaks.<sup>D</sup>
12. Reclaimed water shall not be used for irrigation during periods of extended rainfall and/or runoff.
13. Reclaimed water systems shall be inspected daily, according to MRP No. 94-07, to assure proper operation, absence of leaks and absence of illegal connections.

**C. GROUND WATER LIMITATIONS**

1. The discharge shall not cause a significant increase of mineral constituent concentrations in underlying ground waters.

2. The discharge shall not cause concentrations of chemicals and radionuclides in groundwater to exceed limits set forth in Title 22, Chapter 15, Articles 4, 4.5, 5 and 5.5 of the California Code of Regulations.<sup>B</sup>

or elimination of the authorized use; and,

d. a material change in character, location, or volume of the reclaimed wastewater.

**D. PROVISIONS**

1. The User shall comply with "Monitoring and Reporting Program No. 94-07," as specified by the Executive Officer.<sup>C</sup>

4. This Order does not authorize commission of any act causing injury to the property of another, does not convey any property rights of any sort, does not remove liability under federal, state, or local laws.<sup>E</sup>

2. The Regional Board shall be allowed:<sup>E</sup>

5. The User shall take all reasonable steps to minimize or correct adverse impacts on the environment resulting from non-compliance with this Order.<sup>E</sup>

a. entry upon premises where records must be kept under the conditions of this Order;

6. Provisions of this Order are severable. If any provision of the order is found invalid, the remainder of the Order shall not be affected.<sup>E</sup>

b. access to copy any records that must be kept under the conditions of this Order;

7. The User shall furnish, within a reasonable time, any information the Regional Board may request to determine compliance with this Order or to determine whether cause exists for modifying or terminating this Order.<sup>E</sup>

c. to inspect any facility, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order; and,

8. Pursuant to Title 23, Division 3, Chapter 9, of the California Code of Regulations, the Discharger must submit a written report to the Executive Officer not later than September 1, 1998, addressing:<sup>C</sup>

d. to photograph, sample, and monitor for the purpose of showing compliance with this Order.

3. After notice and opportunity for a hearing, this Order may be terminated or modified for cause, including, but not limited to:<sup>E</sup>

a. Whether there will be changes in the continuity, character, location, or volume of the discharge; and,

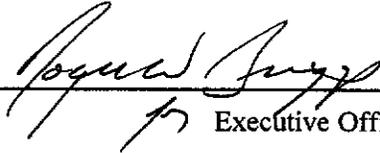
a. violation of any term or condition contained in this Order;

b. Whether, in their opinion, there is any portion of the Order that is incorrect, obsolete, or otherwise in need of revision.

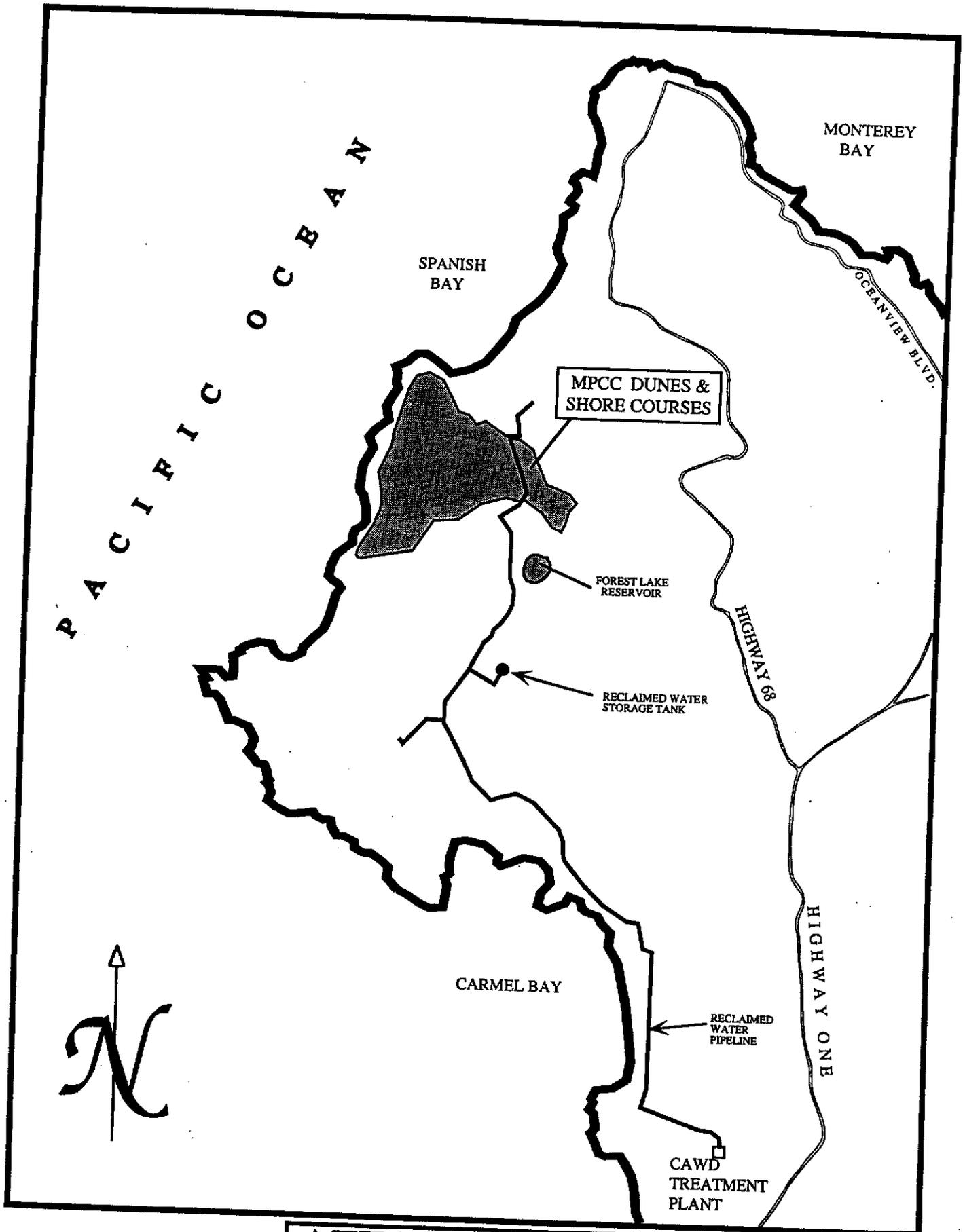
b. obtaining this Order by misrepresentation, or by failure to disclose fully all relevant facts;

c. a change in any condition or endangerment to human health or environment that requires a temporary or permanent reduction

I, **WILLIAM R. LEONARD**, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Central Coast Region, on February 11, 1994.

  
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Executive Officer

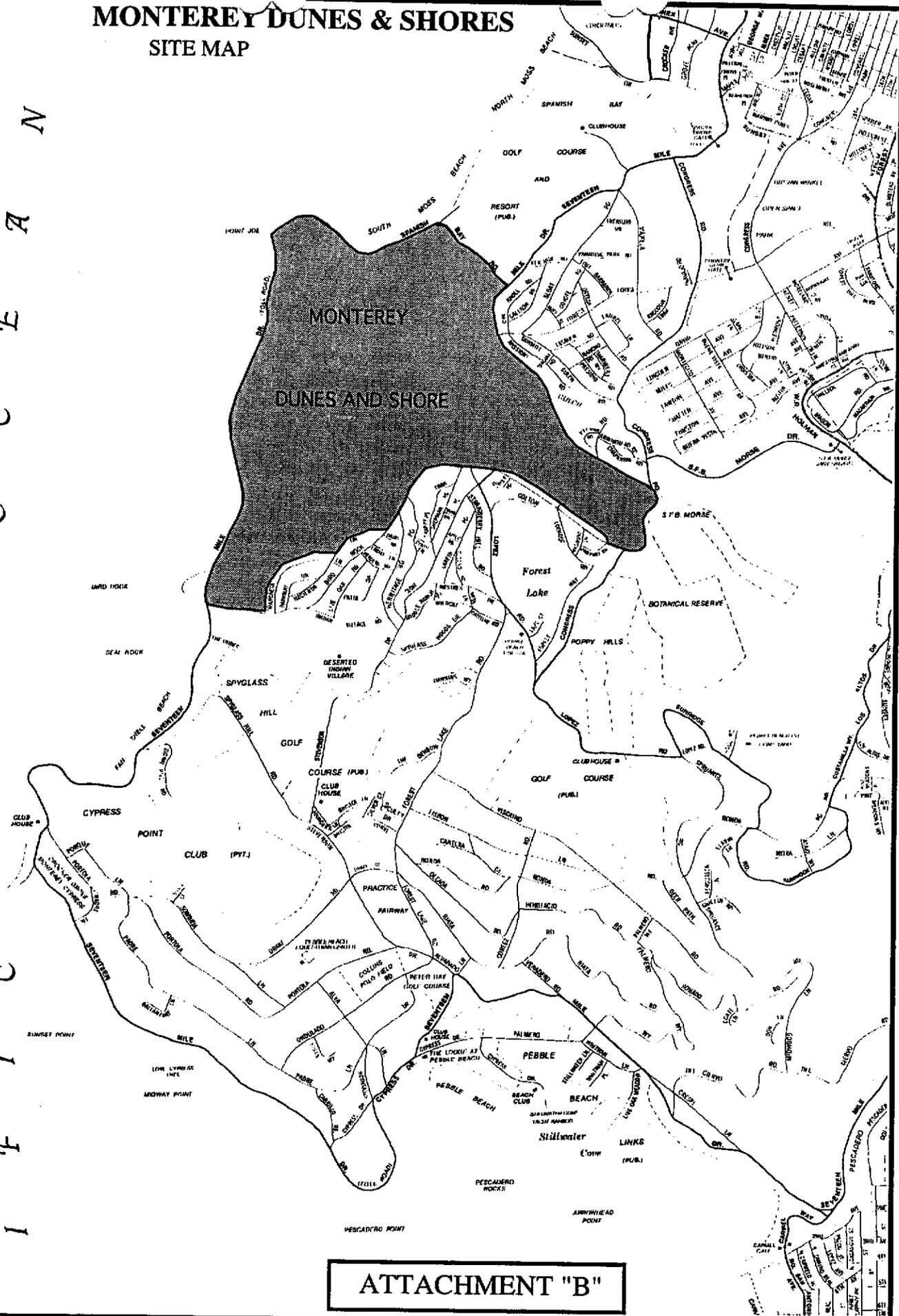
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**ATTACHMENT "A"**

# MONTEREY DUNES & SHORES SITE MAP

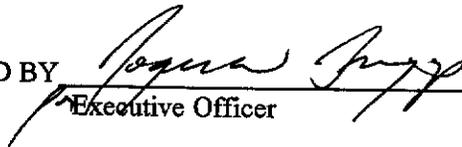
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ATTACHMENT "B"

- for submitting false information, including the possibility of fines and imprisonment."
5. The User must comply with all conditions of this Order. Non-compliance violates state law and is grounds for enforcement action or modification of the existing order.
  6. Transfer of control or ownership of the facility must be preceded by a notice to the Regional Board at least 30 days in advance of the proposed transfer date. The notice must include a written agreement between the existing User and proposed User containing a specific date for transfer of responsibility, coverage, and liability between them. Whether an Order may be transferred without modification and a public hearing is at the discretion of the Board. If Order modification is necessary, transfer may be delayed 120 days after the Regional Boards receipt of a complete Report of Waste Discharge.
  7. Any person failing or refusing to furnish technical or monitoring program reports as required by subdivision (b) of section 13267 of the California Water Code, or falsifying any information provided therein, is guilty of a misdemeanor.
  8. The User and any person who violates waste discharge requirements and/or who intentionally or negligently discharges waste or causes or permits waste to be deposited where it is discharged into surface waters of the state may be liable for civil and/or criminal remedies, as appropriate, pursuant to sections 13350, 13385, and 13387 of the California Water Code.
  9. Reports shall be submitted quarterly by the 30<sup>th</sup> of the month (January, April, July, And October) and shall contain all data collected over the previous quarter. It shall also contain a narrative summary of any exceptions pursuant to Reclamation Area Monitoring described above.
  10. The User shall submit reports to the:  
  
California Regional Water Quality Control Board  
Central Coast Region  
81 Higuera St., Suite 200  
San Luis Obispo, CA 93401- 5427

ORDERED BY

  
Executive Officer

February 11, 1994

Date

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