

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

ORDER NO. 83--34

WASTE DISCHARGE REQUIREMENTS FOR:

SAN MATEO COUNTY HONOR CAMP NO. 1  
SAN MATEO COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, (hereinafter called the Board), finds that:

1. San Mateo County (hereinafter the discharger) submitted a report of waste discharge on March 7, 1983, for the San Mateo Honor Camp located in La Honda, San Mateo County.
2. On April 16, 1964 the Board adopted Resolution 553 permitting a waste discharge consisting of wastewater aeration and clarification followed by chlorination and spray disposal on 25,000 square feet of hillside as close as 800 feet to Pescadero Creek. No storage of wet season effluent was provided for.
3. The design population for the current treatment system is 110 inmates. Currently San Mateo houses approximately 200 inmates at this complex. Through water conservation techniques, the waste treatment system has been able to accommodate this increased population. Current County plans call for the Honor Camp to accommodate 300 prisoners by November 1983.
4. The Regional Board adopted a revised Water Quality Control Plan for the San Francisco Bay Basin (Basin Plan) on July 21, 1982. The Basin Plan contains water quality objectives for Pescadero Creek.
5. The beneficial uses of Pescadero Creek are:
  - a. Municipal and Domestic Supply
  - b. Agricultural Supply
  - c. Water Contact Recreation
  - e. Warm Fresh Water Habitat
  - f. Cold Fresh Water Habitat
  - g. Wildlife Habitat
  - h. Preservation of Rare and Endangered Species
  - i. Fish Migration
  - j. Fish Spawning
6. Pursuant to Section 15102 of the California Administrative Code the County of San Mateo has found this project exempt from the provisions of the California Environmental Quality Act (CEQA).

7. The discharger proposes to increase the size of the existing treatment plant from 11,000 to 18,000 gpd, provide effluent storage to limit spray field use during the wet season (November 15 through April 15) and increase the sprayfield (from 25,000 ft.<sup>2</sup> to 50,000 ft.<sup>2</sup>) to accommodate the increased flows during the entire year.
8. The discharger has submitted an operations manual which provides detailed instructions on plant and sprayfield operation to ensure that the Discharge Prohibitions, Wastewater Specifications, and Provisions of this order are met.
9. The Board has notified the discharger, interested agencies, and persons of its intent to prescribe waste discharge requirements and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
10. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, that San Mateo County in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, shall comply with the following:

A. Discharge Prohibitions

1. No waste shall be applied to any sprayfield disposal areas during the wet weather season (November 15 through April 15), unless conditions as defined in the operations manual, approved by the Executive Officer, are met.
2. No waste shall be allowed to escape from the discharger's property into waters of the State via surface flow, airborne spray or resurfacing after percolation.
3. Waste shall not be applied within 100 feet of any stream, pond, well, or housing facility.
4. The average flow to the treatment plants shall not exceed 18,000 gpd.
5. The discharger is prohibited from bypassing or overflowing wastewater to waters of the State from the collection, treatment or disposal system. Overflow from the wastewater holding pond will be prevented by pumping to the sprayfields even if criteria for spraying, as delineated in the operations manual, are not met. The Executive Officer shall be notified at the earliest possible time of such events.
6. Wastewater ponding could provide a breeding area for mosquitoes and shall be prevented.

B. Wastewater Specifications:

1. The wastewater as discharged from the treatment and storage facilities to the spray disposal areas shall be at all times an adequately disinfected, oxidized wastewater, and shall meet the following quality limits at all times:

5-day BOD 20°C	40 mg/l maximum
Dissolved oxygen	2.0 mg/l minimum
Dissolved sulfide	0.1 mg/l maximum
Coliform Organisms	Median MPN shall not exceed twenty-three (23) coliform organisms per 100 milliliters of sample from some point in the treatment process. The median value will be determined from the bacteriological results of the last seven (7) analyses.

2. The discharger shall discontinue spray disposal during any period in which there is reason to believe the limits specified in B.1. are not being met unless Discharge Prohibition A.5. applies.

Provisions

1. Ponds shall be protected from erosion, washout, and flooding from a flood having a predicted frequency of once in 100 years.
2. The treatment, storage, or disposal of wastewater shall not create a nuisance as defined in Section 13050(m) of the California Water Code.
3. The discharge of the wastewater shall not degrade the quality of ground water.
4. The wastewater disposal area and any equipment used to transport wastewater shall be clearly identified with warning signs to inform the public that wastewater is present.
5. Fail-safe treatment shall be provided and include power facilities as needed to assure continuous compliance with requirements.
6. The discharger shall comply with a Self-Monitoring Program as ordered by Executive Officer.
7. A minimum of freeboard of two feet shall be maintained on the wastewater storage pond.

8. Diversion ditches or other means shall be provided and maintained to insure that the sprayfields will not receive overland flow from adjacent areas.
9. The discharger shall permit the Board or its authorized representative in accordance with California Water Code Section 13267C:
  - a. Entry upon premises in which an effluent source is located or in which any required records are kept.
  - b. Access to copy any records required to be kept under terms and conditions of this Order.
  - c. Inspection of any monitoring equipment or method required by this Order.
  - d. Sampling of any discharge or reclaimed water.
10. The Board will review this Order periodically and may revise the requirements when necessary.
11. The volume of waste shall be limited to that described in Finding 7 of this Order. The discharger shall file with the Board a report of waste discharge at least 120 days before making any material change in the character, location or volume of the discharge.
12. Sludges and other solids removed from liquid wastes shall be disposed of at a legal point of disposal, and in accordance with the provisions of Division 7.5 of the California Water Code. For the purpose of this requirement, a legal point of disposal is defined as one for which waste discharge requirements have been prescribed by a Regional Water Quality Control Board and which is in full compliance therewith.
13. In the event of any change in control or ownership of land or waste discharge facilities presently owned or controlled by the discharger, the discharger shall notify the succeeding owner or operator of the existence of this Order by letter, a copy of which shall be forwarded to this Board.
14. The discharger shall maintain in good working order and operate as efficiently as possible any facility or control system installed by the discharger to achieve compliance with these discharge requirements.
15. The discharger shall maintain the operations manual to reflect changes in plant and sprayfield operation to the satisfaction of the Executive Officer.

16. The requirements prescribed by this Order supersede the requirements prescribed by this Board in Resolution No. 553 which is hereby rescinded.

I, Fred H. Dierker, 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, San Francisco Bay Region, on September 21, 1983.

FRED H. DIERKER  
Executive Officer

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
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Certified Mail No. 390669  
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Date: October 6, 1983

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Mr. Robert Sorensen, Director  
Department of General Services  
County of San Mateo  
County Government Center  
Redwood City, CA 94063

Attn: David G. Vickers

NOTICE: The item(s) indicated by an "X" are enclosed herewith:

A. One certified copy of an Order adopted by the Board on the date shown therein.

B. Attachment to Order containing Requirements and Recommendations of other agencies.

C. One copy of Executive Officer Summary Report which was considered by the Board on the date shown therein. The Motion(s) recommended therein was (were) adopted by the Regional Board on that date.

D. Other --

Sincerely,

  
FRED H. DIERKER  
Executive Officer