



WEPA

**Los Angeles
Regional Water
Quality Control
Board**

101 Centre Plaza Drive
Monterey Park, CA
91754-2156
(213) 266-7500
FAX (213) 266-7600

February 2, 1998
Reddy R. Pakala, Manager
Water and Sanitation Division
County of Ventura, Public Works Agency
7150 Walnut Canyon Road
Moorpark, CA 93021-0250

CALL CER 1013



Pete Wilson
Governor

**AMENDED WASTE DISCHARGE REQUIREMENTS-COUNTY OF VENTURA
WATERWORKS DISTRICT NO. 1, MOORPARK WASTEWATER TREATMENT PLANT,
MOORPARK, CALIFORNIA (NPDES Permit No. CA0063274)**

Our letter of December 16, 1997, transmitted tentative Amended Waste Discharge Requirements for your waste discharge.

Pursuant to Division 7 of the California Water Code, this Regional Board at a public meeting held on January 26, 1998, reviewed the amended tentative requirements, considered all factors in the case, and adopted Order No. 98-008 (copy attached) relative to this discharge.

<u>Project</u>	<u>NPDES No.</u>	<u>Order No.</u>	<u>Monitoring & Reporting Program No.</u>
Moorpark Wastewater Treatment Plant	CA0063274	98-008	7513

You are required to implement Monitoring and Reporting Program No. CI-7513 on the effective date of Order No. 98-008. All monitoring reports should be sent to the Regional Board, Attn: Data and Information Management Unit.

Please reference all monitoring reports to our Compliance File No. CI-7513. We would appreciate if you would not combine other reports, such as progress or technical reports, with your monitoring reports.

If you have any questions or comments, please call Ahmad Lamaa at (213) 266-7560.

Rodney H. Nelson

RODNEY H. NELSON, Chief
Groundwater Regulatory Unit

Attachments



Mr. Reddy R. Pakala

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Keith Silva, Water Management Division, W-5-2, Region IX, U.S. EPA
U.S. Army Corps of Engineers
U.S. Department of Interior, Fish and Wildlife Services
NOAA, National Marine Fisheries Service
John Youngerman, Division of Water Quality, State Water Resources Control Board
Jorge Leon, Office of Chief Counsel, State Water Resources Control Board
State Department of Fish and Game, Region 5
State Department of Water Resources, Southern District
Gary Yamamoto, Public Water Supply Branch, Department of Health Services
Michael Kiado, Environmental Management Branch, Department of Health Services
Douglas Beach, Department of Environmental Health, County of Ventura
Department of Public Works, Flood Control and Drainage Division, County of Ventura
City of Ventura, City Engineer
Camarillo Sanitation District
Camrosa Water District
Calleguas Municipal Water District
City of Moorpark
City of Semi Valley
City of Thousand Oaks

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

ORDER NO. 98-008
(AMENDING ORDERS NO. 97-033)
NPDES NO. CA0063274

WASTE DISCHARGE REQUIREMENTS
FOR
VENTURA COUNTY WATERWORKS DISTRICT NO. 1
(Moorpark Wastewater Treatment Plant)

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

1. Ventura County Waterworks District No. 1 (hereinafter Discharger) discharges treated municipal wastewater from the Moorpark Wastewater Treatment Plant (MWTP), under Waste Discharge Requirements, Order No. 97-033 (NPDES No. CA0063274), adopted by this Regional Board on April 7, 1997.
2. The Discharger operates the Moorpark Wastewater Treatment Plant located at 9550 Los Angeles Avenue, Moorpark. The Discharger currently has a capacity to treat and discharge up to 3.0 million gallons per day of industrial, commercial and domestic wastewater to evaporation/percolation ponds onsite, under the existing Waste Discharge Requirements, Order No. 90-061. However, when there is inadequate percolation capacity of the treated wastewater, the Discharger discharges up to 1.5 million gallons per day of treated wastewater to Arroyo Las Posas.
3. The Discharger requested that the Regional Board incorporate Resolution No. 97-010, *Support for Watershed Management in the Calleguas Creek Watershed* (attached), into their NPDES permit.
4. This Revision 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 (California Environmental Quality Act) in accordance with Water Code Section 13389

The Regional Board has notified the Discharger and interested agencies and persons of its intent to amend Waste Discharge Requirements for this discharge and has provided them with an opportunity to submit their written views and recommendations.

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

December 23, 1997

This Order shall serve as a National Pollutant Discharge Elimination System (NPDES) Permit pursuant to Section 402 of the Federal Clean Water Act or amendments thereto, and shall take effect at the end of ten days from the date of its adoption, provided the Regional Administrator, U. S. Environmental Protection Agency (USEPA), has no objections.

IT IS HEREBY ORDERED that Order No. 97-033, adopted by this Board on April 7, 1997, is hereby amended as follows:

1. Add Finding number 15 to Order No. 97-033, which shall read as follows:

Due to high ammonia concentration currently present in the effluent, the Discharger may not be able to comply at all times with the acute toxicity average limitation of 90 percent survival (for the consecutive 96-hour static or continuous flow bioassay tests) nor with the chronic toxicity objectives of 1.0 TUc, without modifications in the treatment process or site specific objectives.

The Discharger shall undertake a Watershed Characterization Study, with other stakeholders, to support the development of a site specific ammonia objective for the receiving waters as an alternative to meeting the Basin Plan ammonia objective which becomes effective June 13, 2002. Due to the chemical interrelationship among nitrogen species, in particular, ammonia, Nitrate-N, and Nitrite-N, the study may also include, among other tasks, the evaluation of site specific management approaches for Nitrate-N and Nitrite-N. Such a study shall be completed by July 1, 2002, and shall:

- (i) characterize the Calleguas Creek Watershed (CCWS) system so as to establish water quality objectives for ammonia that will protect freshwater aquatic life that is reasonably sustainable in the CCWS ecosystem, and to lead to Nitrate-N and Nitrite management techniques that will protect groundwater basins identified as drinking water sources, and
- (ii) based upon these site specific water quality objectives, develop recommendations for cost-effective solutions to attain these objectives, which may include: wastewater treatment technologies, or alternative management strategies.

Agreements to alternatives to meeting the ammonia objective, must be incorporated into the permit by June 13, 2002.

2. Add footnote number 10 to Nitrate-N plus Nitrite-N effluent limitation, on page 6 of Order No. 97-033, as follows:

<u>Constituents</u>	<u>Units</u>	<u>Daily Maximum^{2/}</u>
Nitrate-N plus Nitrite-N	mg/L	10 ^{10/}

10/ Relief from compliance with this limitation is subject to conditions set forth in Regional Board Resolution No. 97-10, *Support for Watershed Management in the Calleguas Creek Watershed*, adopted on April 7, 1997. In order to be eligible for relief, the Discharger must meet the conditions set forth in the aforementioned Resolution.

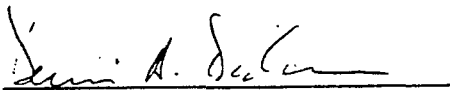
3. Receiving Water Limitation number 12, on Page 11, shall read as follows:

In order to protect aquatic life, ammonia in receiving water shall not exceed concentrations specified in Tables 3-2 and 3-4 of the Basin Plan (Attachment 2) as a result of the wastes discharged, subject to the following conditions:

The Discharger will have up to 8 years following the adoption of the Basin Plan (i) to make the necessary adjustments/improvements to meet these objectives; or (ii) to conduct studies leading to an approved, less restrictive, site specific objective for unionized ammonia.

4. The Expiration date, and all other Limitations, Requirements, and Provisions of Order No. 97-033 are unchanged and shall remain in full force and effect.

I, Dennis A. Dickerson, 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 January 26, 1998.



DENNIS A. DICKERSON
Executive Officer

/AJL