

State of California
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

ORDER NO. 97-123

(AMENDING ORDERS NO. 96-044 AND NO. 97-061)
NPDES NO. CA0056294

WASTE DISCHARGE REQUIREMENTS
FOR
CITY OF THOUSAND OAKS
(Hill Canyon Wastewater Treatment Plant)

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

1. The City of Thousand Oaks discharges municipal and industrial wastewater from the Hill Canyon Wastewater Treatment Plant (HCWTP), a tertiary wastewater treatment plant located at 9600 Santa Rosa Road, Camarillo, under waste discharge requirements contained in Order No. 96-044 (NPDES No. CA0056294), adopted by this Regional Board on June 10, 1996. This Order serves as a permit under the National Pollutant Discharge Elimination System (NPDES No. CA0056294).
2. By a letter dated May 29, 1997, the Discharger requested that the Regional Board incorporate provisions from Resolution No. 97-10, *Support for Watershed Management in the Calleguas Creek Watershed*, into their NPDES permit.
3. 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 tentative revised 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 ten days from the date of its adoption, provided the Regional Administrator, USEPA, has no objections.

August 22, 1997
Revised: September 29, 1997

IT IS HEREBY ORDERED that Order No. 96-044, adopted by this Board on June 10, 1996, and amended by Order No. 97-061 on May 12, 1997, is hereby amended as follows:

1. Finding number 14, on page 3 of Order No. 96-044, shall read as follows:

Due to high ammonia concentrations 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 three consecutive 96-hour static or continuous flow bioassay tests) nor with the chronic toxicity objective 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 lead to water quality objectives for ammonia that will protect freshwater aquatic life that is reasonably sustainable in the CCWS ecosystem, and lead to Nitrate-N and Nitrite-N 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 plant upgrades, alternative treatment technologies, or alternative management strategies.

Agreements to alternatives to meeting the ammonia objective, such as a site specific objective, must be incorporated into the permit by June 13, 2002.

2. Nitrate-N plus Nitrite-N effluent limitation and footnote on page 7, shall read as follows:

<u>Constituents</u>	<u>Units</u>	<u>Daily Maximum</u> ^{2/}
Nitrate-N plus Nitrite-N	mg/L	10 ^{6/}

^{6/} 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.

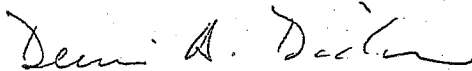
3. Receiving Water Limitation number 12, on page 14, shall read:

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, ^{6/} 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 ammonia.

4. The Expiration date, and all other Limitations, Requirements, and Provisions of Order No. 96-044 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 September 29, 1997.



DENNIS A. DICKERSON
Executive Officer

/AVC-A

Mr. Jack Dudley
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MAILING LIST

Environmental Protection Agency, Region 9, Permits Branch (WTR-5)
U.S. Army Corps of Engineers
NOAA, National Marine Fisheries Service
Department of Interior, U.S. Fish and Wildlife Service
Mr. Jim Kassel, Division of Water Quality, State Water Resources Control Board,
Mr. Jorge Leon, Office of Chief Counsel, State Water Resources Control Board,
Department of Fish and Game, Region 5
Department of Health Services, Public Water Supply Branch
Ventura County Planning Commission
Ventura County Department of Environmental Health
Ventura County Department of Public Works, Flood Control and Drainage
Ventura County Waterworks District No. 1 (Moorpark)
Ventura Regional Sanitation District
Calleguas Municipal Water District
City of Thousand Oaks, Department of Public Works
City of Thousand Oaks, 2100 Thousand Oaks Blvd., Thousand Oaks, CA 91362,
ATTN: Mr. Don Nelson, Public Works Director