

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION**

101 CENTRE PLAZA DRIVE
TEREY PARK, CA 91754-2156
(213) 266-7500
FAX: (213) 266-7600



November 3, 1994

Mr. Delwin A. Biagi, Director
Bureau of Sanitation
Board of Public Works
City of Los Angeles
City Hall East, Suite 1400
200 North Main Street
Los Angeles, CA 90012

**ADOPTION OF RESOLUTION NO. 94-009
TERMINAL ISLAND TREATMENT PLANT**

At its regular meeting on Monday, October 31, 1994, this Regional Board adopted the enclosed resolution (Resolution No. 94-009) to approve the proposal by the City of Los Angeles to phase out the discharge of wastewater effluent from Terminal Island Treatment Plant into Los Angeles Harbor through implementation of a water reclamation plan. This resolution authorizes you to proceed with implementation of the actions identified as commitments in Item #4 of the resolution.

If you have any questions, please contact me at (213) 266-7510 or Michael Lyons at (213) 266-7616.

Robert P. Ghirelli

ROBERT P. GHIRELLI, D.Env.
Executive Officer

Enclosure

cc: mailing list

MAILING LIST

Environmental Protection Agency, Region 9,
Permit Branch (W-5)
U.S. Army Corps of Engineers
NOAA, National Marine Fisheries Service
Department of Interior, U.S. Fish and Wildlife Service
Mr. Archie Matthews, State Water Resources Control Board,
Division of Water Quality
Mr. Jorge Leon, State Water Resources Control Board, Office
of Chief Counsel
Mr. William Paznokas, Department of Fish and Game,
Region 5
Department of Water Resources
Department of Health Services, Sanitary Engineering Section
Department of Health Services, Environmental Branch
California Coastal Commission, South Coast District
South Coast Air Quality Management District
Los Angeles County, Department of Public Works, Waste
Management Division
County Sanitation Districts of Los Angeles County
Dr. Mark Gold, Heal the Bay
Ms. Lisa Weil, American Oceans Campaign
Mr. John Foxworthy, Port of Los Angeles
Mr. Sam Furuta, City of Los Angeles, Wastewater Division

State of California
California Regional Water Quality Control Board, Los Angeles Region

Resolution No. 94-009

RESOLUTION TO APPROVE THE PROPOSAL BY THE CITY OF LOS ANGELES
TO PHASE OUT THE DISCHARGE OF WASTEWATER EFFLUENT FROM TERMINAL
ISLAND TREATMENT PLANT INTO LOS ANGELES HARBOR THROUGH
IMPLEMENTATION OF A WATER RECLAMATION PLAN

WHEREAS, the California Regional Water Quality Control Board, Los Angeles Region, finds:

1. The City of Los Angeles (City) operates the Terminal Island Treatment Plant (TITP) at 445 Ferry Street, San Pedro, California.
2. The City discharges wastes from TITP into Los Angeles Harbor under waste discharge requirements contained in Order No. 93-014 (NPDES No. CA0053856).
3. The City is required by Order No. 85-77 to comply with the discharge prohibition in Order No. 77-113 and remove the TITP discharge from Los Angeles Harbor at the earliest practicable date.
4. The City has agreed to the following commitments in a letter dated October 3, 1994:
 - a. to phase out the discharge of wastewater effluent from TITP into Los Angeles Harbor at the earliest practicable date through implementation of a water reclamation plan.
 - b. to implement the water reclamation plan by installing tertiary treatment facilities at TITP, providing additional treatment through reverse osmosis for the portion of the tertiary effluent to be reused, and installing a distribution network to provide reclaimed water to industrial and commercial users.
 - c. to relocate the TITP outfall to a new location within Los Angeles Harbor, south of the planned Pier 400 development, and install a multi-port diffuser at the terminus of the outfall to improve initial dilution of the discharge.

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- d. to initiate water reuse of TITP effluent by the end of 1999 through reclamation of 6.75 million gallons per day for delivery of 5 million gallons per day of product water to the City's Department of Water and Power's Harbor Generating Station and the County's Dominguez Gap salt water intrusion barrier.
 - e. to adopt the goals of doubling water reuse of TITP effluent within six years after the startup of the initial reclamation phase, and achieving total reuse of the TITP effluent by 2020.
9. Total reuse of the effluent would eliminate the discharge of wastewater to Los Angeles Harbor, but brine wastes from the reverse osmosis system would continue to be discharged to the harbor. Unreclaimed tertiary treated effluent may be discharged occasionally to the harbor due to fluctuations in demand for water reuse.
 10. The proposed discharge of tertiary-treated effluent, brine wastes from the reverse osmosis system, or a combination of tertiary effluent plus brine wastes, will not adversely impact water quality in Los Angeles Harbor.
 11. The Water Quality Control Policy for the Enclosed Bays and Estuaries of California (Enclosed Bays and Estuaries Policy), adopted on May 16, 1974, by the State Water Resources Control Board (SWRCB) provides that municipal wastewater discharges to enclosed bays shall be phased out at the earliest practicable date.
 12. The Policy with Respect to Water Reclamation in California (Water Reclamation Policy), adopted on January 6, 1977, by the SWRCB, provides that the State shall undertake all possible steps to encourage the development of water reclamation facilities so that reclaimed water may be made available to help meet the growing water requirements of the State.
 13. The City's proposed water reclamation plan is consistent with the goals of the SWRCB's Enclosed Bays and Estuaries Policy, because the planned water reuse would gradually phase out the discharge of municipal wastewater to Los Angeles Harbor, and the SWRCB's Water Reclamation Policy, because water that would otherwise be discharged to marine waters would be available for reuse.

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NOW, THEREFORE BE IT RESOLVED, that this Regional Board hereby approves the proposal by the City of Los Angeles as provided for in the letter dated October 3, 1994, to phase out the discharge of wastewater effluent from the Terminal Island Treatment Plant into Los Angeles Harbor through implementation of a water reclamation plan.

I, Robert P. Ghirelli, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of a Resolution adopted by the California Regional Water Quality Control Board, Los Angeles Region, October 31, 1994.


ROBERT P. GHIRELLI, D.Env.
Executive Officer