

CALIFORNIA COASTAL COMMISSION

South Coast Area Office
200 Oceangate, Suite 1000
Long Beach, CA 90802-4302
(562) 590-5071



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Filed: 8/26/2005
49th Day: 10/14/2005
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Staff: CP/PE-LB
Staff Report: 9/22/2005
Hearing Date: 10/12-14/2005
Commission Action:

STAFF REPORT: CONSENT CALENDAR**APPLICATION NUMBER: 5-05-207****APPLICANT:** Long Beach Water Department**AGENT:** Isaac C. Pai, Director of Engineering**PROJECT LOCATION:** Second Street Bridge over Alamitos Bay

PROJECT DESCRIPTION: Replace existing 10-inch asbestos sanitary sewer pipe crossing on Second Street Bridge with new 12-inch welded steel force main which will be located on the south side of the bridge.

LOCAL APPROVALS RECEIVED:
City of Long Beach CDP case No. 0502-32

SUBSTANTIVE FILE DOCUMENTS:
Regional Water Quality Control Board NPDES No. CAG994004, CI 8879

SUMMARY OF STAFF RECOMMENDATION:

Staff recommends approval with conditions that 1) the applicant comply with the condition of the NPDES permit 2) that the bridge not be closed on weekends and holidays between Memorial Day and Labor Day and 3) that contractor specifications for traffic control and management require the contractor to post signs identifying alternate routes to nearby beaches and recreation areas.

I. STAFF RECOMMENDATION:

Staff recommends that the Commission adopt the following resolution to **APPROVE** the coastal development permit application:

MOTION: *I move that the Commission approve coastal development permit applications included on the consent calendar in accordance with the staff recommendations.*

Staff recommends a **YES** vote. Passage of this motion will result in approval of all permits included on the consent calendar. An affirmative vote of a majority of the Commissioners present is needed to pass the motion.

RESOLUTION TO APPROVE THE PERMIT:

The Commission hereby approves a permit, subject to the conditions below, for the proposed development and adopts the findings set forth below on grounds that the development as conditioned will be in conformity with the provisions of Chapter 3 of the California Coastal Act and will not prejudice the ability of the local government having jurisdiction over the area to prepare a local coastal program conforming to the provisions of Chapter 3. Approval of the permit complies with the California Environmental Quality Act because either 1) feasible mitigation measures and/ or alternatives have been incorporated to substantially lessen any significant adverse effects of the development on the environment, or 2) there are no further feasible mitigation measures or alternative that would substantially lessen any significant adverse impacts of the development on the environment.

II. STANDARD CONDITIONS:

1. **Notice of Receipt and Acknowledgment.** The permit is not valid and development shall not commence until a copy of the permit, signed by the permittee or authorized agent, acknowledging receipt of the permit and acceptance of the terms and conditions, is returned to the Commission office.
2. **Expiration.** If development has not commenced, the permit will expire two years from the date this permit is reported to the Commission. Development shall be pursued in a diligent manner and completed in a reasonable period of time. Application for extension of the permit must be made prior to the expiration date.
3. **Interpretation.** Any questions of intent or interpretation of any condition will be resolved by the Executive Director or the Commission.
4. **Assignment.** The permit may be assigned to any qualified person, provided assignee files with the Commission an affidavit accepting all terms and conditions of the permit.

5. Terms and Conditions Run with the Land. These terms and conditions shall be perpetual, and it is the intention of the Commission and the permittee to bind all future owners and possessors of the subject property to the terms and conditions.

III. SPECIAL CONDITIONS

1. Public Access to Beaches, Marinas, and Recreation Areas.

A. Prior to issuance of the coastal development permit the applicant shall agree in writing to leave all lanes on the Second Street Bridge open on weekends and holidays from Memorial Day through Labor Day.

B. The applicant shall undertake development in accordance with the approved final plans. Any proposed changes to the approved final plans shall be reported to the Executive Director. No changes to the approved final plans shall occur without a Commission amendment of this coastal development permit unless the Executive Director determines that no amendment is required.

2. Signage, Contractor Specifications for Traffic Regulation and Contractor Work Sequence, Section C.3

A. Prior to issuance of the permit, the applicant shall provide revised contractor specifications for the project that assure the posting of legible signs informing the public identifying alternate access routes to beach and recreation areas including Seal Beach, Alamitos Bay Marina, the Marine Stadium and Naples when the bridge is partially closed. Pursuant to this requirement, before the commencement of construction, the applicant shall provide a signage and detour plan for the review and approval of the Executive Director that complies with this requirement.

B. The applicant shall undertake development in accordance with the approved final plans. Any proposed changes to the approved final plans shall be reported to the Executive Director. No changes to the approved final plans shall occur without a Commission amendment of this coastal development permit unless the Executive Director determines that no amendment is required.

3. Water Quality: Compliance with Terms and Conditions of NPDES Permit CAG994004, CI 8879, and "Special BMPs" for State Tidelands.

The applicant shall comply with all the terms and conditions of the NPDES permit CAG994004 CI 8879 that apply to construction activities on the Second Street Bridge, including, but not limited to those addressing control of silt and debris, disposal of used materials, stockpiling, and discharge of liquid and solid wastes into surface waters. The applicant shall also carry out the special BMPs for state tidelands submitted with the application (Exhibit 3). Prior to carrying out

any changes to the conditions of the NPDES permit or the "special BMPs" the applicant shall report the proposed changes to the Executive Director to determine whether an amendment to this permit is necessary.

IV. FINDINGS AND DECLARATIONS:

The Commission hereby finds and declares:

A. Project Description and Location

The applicant proposes to replace an existing sanitary sewer line that crosses Alamitos Bay on the Second Street Bridge in Long Beach. On the bridge, the applicant proposes to replace a ten-inch asbestos pipe with a 12 inch welded steel pipe (Exhibit 2, detailed project description.) Since the Second Street Bridge spans tide and submerged lands it is located in the area of original jurisdiction and the work the City intends to do on the bridge requires a coastal development permit from the Commission. In the Commission's jurisdiction, the work includes removal and replacement of asphalt, concrete, and Portland cement concrete pavement, restoration of connections and disposal of materials outside the Coastal Zone. The City has approved the remaining portions of the project, a major sewer line rehabilitation project, in a locally issued coastal development permit (CDP 0502-32). The project, identified as the "Division Street Sanitary Sewer Project" will replace sewer lines in a corridor extending from East Ocean Boulevard and Bennet Street near the beach, inland to Division Street (which parallels Second Street), north on Bayshore Avenue to the Second Street Bridge, where it crosses Alamitos Bay to Naples (Exhibit 1). Outside the area of the Commission's jurisdiction, the work includes relining 12 and 15-inch pipes, and removing and replacing of connections, pavement, manholes, and other work necessary to install a new sewer force main.

Second Street is a commercial collector street two blocks from the shoreline in Belmont Shore, a community near the beach. Second Street extends through Naples, a waterfront residential community, to the major streets serving the Alamitos Bay Marina and then to the Orange County community of Seal Beach. The project will require closing one side of the Second Street Bridge during certain phases of construction. Second Street is a major coastal access route connecting Belmont Shore District of Long Beach with the Alamitos Bay Marina and ultimately the beaches at Seal Beach. Conditions 1 and 2 require the applicant to: 1) keep the bridge open during summer weekends and holidays when the demand for coastal access is greatest and 2) require the City's specifications for the contractor to include the posting of appropriate signs informing the public about alternate coastal access routes when the bridge is partially closed.

The applicant has received an NPDES permit that includes conditions addressing potential impacts to water quality during construction of the entire project. Condition 3 requires the applicant to follow the requirements of the NPDES permit with respect to work on the Second Street Bridge and to report any proposed change in that permit to

the Executive Director. The planned work includes construction over the waters of Alamitos Bay. The applicant has provided a list of "Special Best Management Practices (BMPs)" for the portion of the project extending over state tidelands (Exhibit 3). No changes to the approved final plans shall occur without a Commission amendment to this coastal development permit unless the Executive Director determines that no amendment is required.

B. Access

As conditioned, the proposed development will not have any new adverse impact on public access to the coast or to nearby recreational facilities. Thus, as conditioned, the proposed development conforms with Sections 30210 through 30214, Sections 30220 through 30224, and 30252 of the Coastal Act.

C. Water Quality

The proposed development has a potential for a discharge of polluted runoff from the project site into coastal waters. The development, as proposed and as conditioned, incorporates design features to minimize the effect of construction and post-construction activities on the marine environment. These design features include, but are not limited to, the appropriate management of equipment and construction materials, and the use of post-construction best management practices to minimize the project's adverse impact on coastal waters. Therefore, the Commission finds that the proposed development, as conditioned, conforms with Sections 30230 and 30231 of the Coastal Act regarding the protection of water quality to promote the biological productivity of coastal waters and to protect human health.

D. California Environmental Quality Act

Section 13096 of the Commission's regulations requires Commission approval of Coastal Development Permit applications to be supported by a finding showing the application, as conditioned by any conditions of approval, to be consistent with any applicable requirements of the California Environmental Quality Act (CEQA). Section 21080.5(d)(2)(A) of CEQA prohibits a proposed development from being approved if there are feasible alternatives or feasible mitigation measures available which would substantially lessen any significant adverse effect which the activity may have on the environment.

There are no other feasible alternatives or mitigation measures available which will lessen any significant adverse impact the activity would have on the environment. Therefore, the Commission finds that the proposed project is consistent with CEQA and the policies of the Coastal Act.

TOPOI map printed on 02/14/05 from "California.tpo" and "Untitled.tpg"

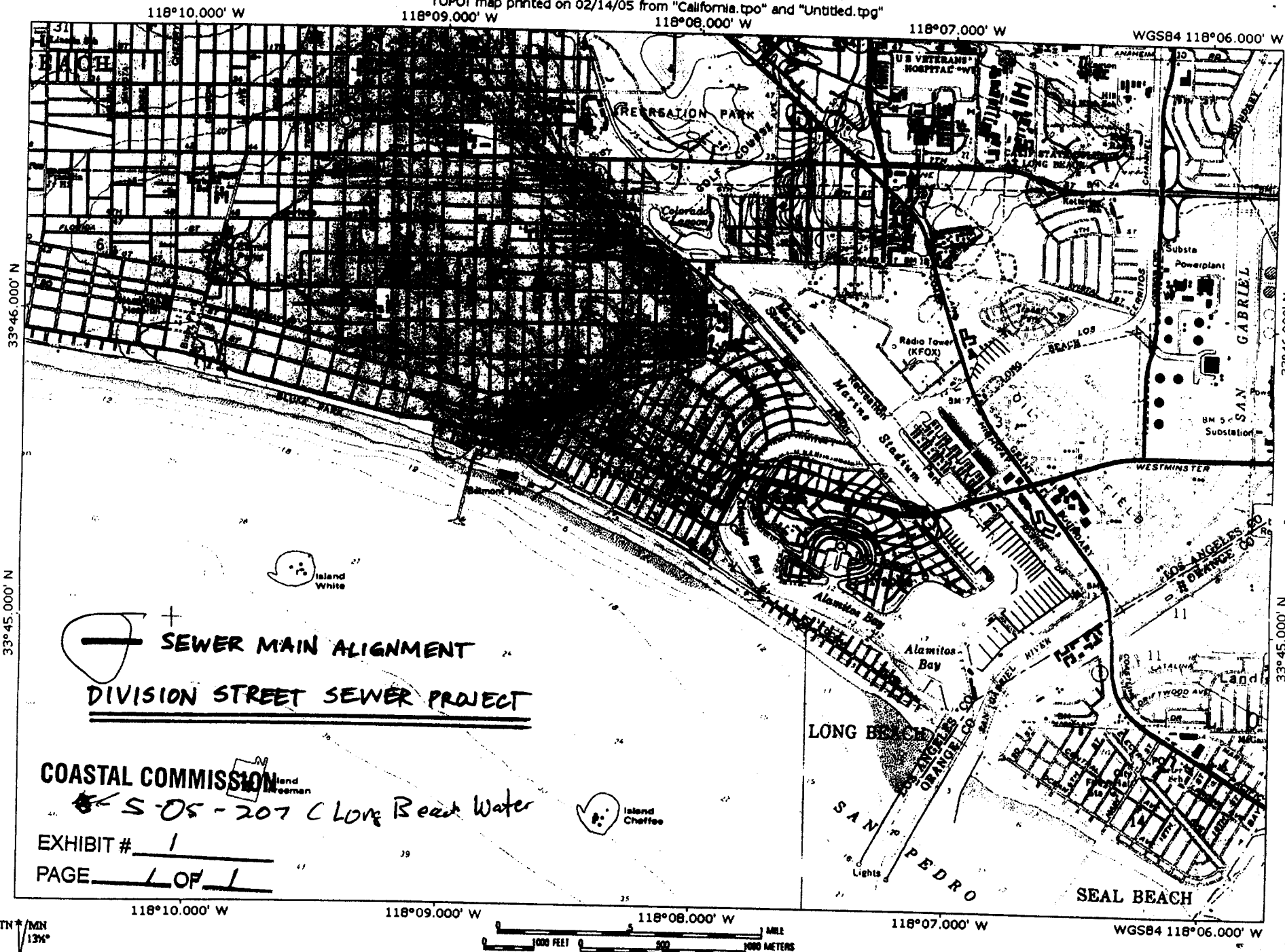


FIGURE 1

COASTAL COMMISSION

5-05-2007 (Long Beach)

DIVISION STREET SANITARY SEWER IMPROVEMENTS PROJECT

EXHIBIT #
PAGE 1 OF 1 Exhibit 2DETAILED DESCRIPTION OF:
THE CROSSING ON 2ND STREET OVER ALAMITOS BAY

The above referenced project consists of various improvements to the existing sewer collection system and the construction of a new 12-inch steel pipe crossing on 2nd Street over Alamitos Bay which is one of these upgrades. The existing 10-inch asbestos pipe under the Alamitos Bay Bridge will be replaced with a new 12-inch welded steel force main and also relocated from the middle part to south side of the bridge. The rationale behind relocating the force main is as follows:

- The existing force main has to stay operational during construction of the new pipeline.
- Additional depth of sidewalk over the bridge deck has allowed installation of a combination air relief/ vacuum valve on the proposed force main in the highest point of the pipe run.
- The recent bridge seismic retrofit added reinforced concrete diaphragms between bridge girders which are blocking space for the pipe straight run.

The proposed welded steel pipe will be supported by base plates on the piers and by straps attached to the deck between piers. This configuration will allow keeping the existing bridge clearance. The proposed force main will have expansion joints and flexible connections on both ends when the steel pipe connects to the buried DIP pipeline.

As previously mentioned, the pipe material for the crossing will be steel and the pipe connection will be a lap-welded slip joint. Outside the crossing, the pipe material will be DIP and the pipe connection will be a push-on joint.

During the bridge crossing construction, the east bound sidewalk will be closed to pedestrian traffic at all the time. Some traffic lanes closures will be expected as connection to the existing main will be made. A barge will be used for construction of the steel pipe crossing.

The barge will move across the channel as construction of the pipeline progress, therefore a part of the channel will be opened to water traffic all the time.

All welding operation and support installation will be conducted from the barge. Material and equipment required to assembly the pipeline such as: welding equipment, hoist, cutters, drills, and all miscellaneous tools will be stored on the barge and pipe will be loaded daily. During off work time, the barge will be properly moored and adequate warning signage including buoys will be set up in the channel.

This project will not employ any heavy machinery for construction of the pipeline crossing. The project should start in Fall of 2005 and finish by Spring of 2006.

DIVISION STREET SANITARY SEWER IMPROVEMENTS PROJECT

BEST MANAGEMENT PRACTICES (BMPs)

Since a portion of the above referenced project will be constructed over State Tidelands on 2nd Street, special BMPs to minimize debris deposition into the waters will be implemented. These BMPs may include the following:

- Employ non-shattering methods for demolition activities.
- Place debris netting and /or platforms under/advancement to the bridge as necessary to collect falling debris.
- Secure all material on and adjacent to the bridge to prevent discharges into the bay via wind.
- Provide watertight curbs or toe-boards on the bridge to contain spills and prevent materials, tools, and debris from falling from the bridge.
- Stockpile accumulated debris and waste generated from demolition and construction away from the waters.
- Regularly maintenance equipment used to avoid leaks or other equipment failure.

COASTAL COMMISSION

5-05-207 (Long Beach)

EXHIBIT # 3

PAGE 1 OF 1



California Regional Water Quality Control Board

Los Angeles Region



Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful

Alan C. Lloyd, Ph.D.
Agency Secretary

320 W. 4th Street, Suite 200, Los Angeles, California 90012
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: <http://www.waterboards.ca.gov/losangeles>

Arnold Schwarzenegger
Governor

COASTAL COMMISSION

5-05-207
EXHIBIT # 4
PAGE 1 OF 2

March 22, 2005

Mr. Isaac Pai, Director of Engineering
Long Beach Water Department
1800 E. Wardlow Road
Long Beach, CA 90807

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
CLAIM NO. 7003 3110 0003 3258 3878

COVERAGE UNDER GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT AND WASTE DISCHARGE REQUIREMENTS - LONG BEACH WATER DEPARTMENT, DIVISION STREET SEWER PROJECT, DIVISION STREET, LONG BEACH, CALIFORNIA (NPDES NO. CAG994004, CI-8879)

Dear Mr. Pai:

We have completed our review of your application for a permit to discharge waste under the National Pollutant Discharge Elimination System (NPDES). You propose to discharge up to 150,000 gallons per day (mgd) of groundwater from the above-referenced sewer construction project.

Based on the information provided, the proposed discharge of treated groundwater meets the conditions to be regulated under Order No. R4-2003-0111, *General National Pollutant Discharge Elimination System Permit and Waste Discharge Requirements for Discharges of Groundwater From Construction and Project Dewatering to Surface Waters in Coastal Watersheds of Los Angeles and Ventura Counties*, adopted by this Board on August 7, 2003.

Enclosed are your Waste Discharge Requirements, which also serve as your General NPDES Permit, consisting of Order No. R4-2003-0111 and Monitoring and Reporting Program No. CI-8879. The discharge limitations in Part E.1.a. of Order No. R4-2003-0111 are applicable to your discharge for the specific constituents listed on the Table with the enclosed Fact Sheet. The groundwater discharge flows to Alamitos Bay. Therefore, the discharge limitations listed in Attachment B are not applicable to your discharge.

The Monitoring and Reporting Program requires you to implement the monitoring program on the effective date of coverage under this permit. All monitoring reports should be sent to the Regional Board, ATTN: Information Technology Unit. When submitting monitoring or technical reports to the Regional Board per these requirements, please include a reference to "Compliance File No. CI-8879 and NPDES No. CAG994004", which will assure that the reports are directed to the appropriate file and staff. Also, please do not combine other reports with your monitoring reports. Submit each type of report as a separate document.

In order to avoid future annual fees, please submit written notification when the project has been completed and the permit is no longer needed.

California Environmental Protection Agency



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Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

Mr. Issac Pai
Long Beach Water Department
(Division Street Sewer Project)

-2-

March 22, 2005

We are sending Board Order No. R4-2003-0111 only to the applicant. For those on the mailing list, please refer to the Board Order sent to you previously or download a copy of the Order from our website at: http://www.swrcb.ca.gov/~rwqcb4/html/permits/general_permits.html.

If you have any questions, please contact Dr. James Tang at (213) 576-6696.

Sincerely,

for *David A. Buchenawski, AEO*
Jonathan S. Bishop
Executive Officer

5-05-2007
Exh. bit 4
p 2

Enclosures

Fact Sheet
Monitoring and Reporting Program No. CI-8879
Order No. R4-2003-0111, General NPDES Permit No. CAG994004

cc: Environmental Protection Agency, Region 9, Clean Water Act Standards and
Permits Office (WTR-5)
U.S. Army Corps of Engineers
NOAA, National Marine Fisheries Service
Department of Interior, U.S. Fish and Wildlife Service
Michael Lauffer, Office of the Chief Counsel, State Water Resources Control Board
Department of Fish and Game, Region 5
Los Angeles County Department of Public Works, Flood Control and Drainage
Los Angeles County Department of Environmental Program
City of Long Beach, Department of Public Works
Lee Solomon, Tetra Tech

/jt

California Environmental Protection Agency



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Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.