Los Angeles County
Beaches & Harbors
Caring for Your Coast

To enrich lives through effective and caring service

February 24, 2004

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, California 90012

Dear Supervisors:

APPROVE THE ATTACHED RESOLUTION AUTHORIZING THE APPLICATION FOR THE REMAINDER OF THE CLEAN BEACHES, PROPOSITION 13, COASTAL NONPOINT SOURCE PROGRAM GRANT, IN THE AMOUNT OF $1,750,000, ADMINISTERED BY THE STATE WATER RESOURCES CONTROL BOARD, FOR THE MARINA BEACH WATER QUALITY IMPROVEMENT PROJECT
C.P. #69219
(4TH DISTRICT)(3 VOTES)

IT IS RECOMMENDED THAT YOUR BOARD:

1. Consider the Mitigated Negative Declaration (Attachment A) for Phase II of the Marina Beach Water Quality Improvement Project, as well as the Mitigation Monitoring and Reporting Program incorporated therein, together with any comments received during the public review process, find that the project, with implementation of the proposed mitigation measures, will not have a significant effect on the environment, find that the Mitigated Negative Declaration reflects the independent judgment of the County, and approve the Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program.

2. Approve the Resolution (Attachment B) authorizing application for the remainder of the Clean Beaches, Proposition 13, Coastal Nonpoint Source Program Grant, in the amount of $1,750,000, administered by the State Water Resources Control Board, for the Marina Beach Water Quality Improvement Project and appointing the Director of the Department of Beaches and Harbors agent of the County, delegating authority to him to sign the State agreement and all documents pertaining to the grant and to accept the grant.

3. Approve Phase II of the Marina Beach Water Quality Improvement Project.

13837 Fiji Way • Marina del Rey • CA 90292 • 310.305.9503 • fax 310.821.6345 • internet: http://beaches.co.la.ca.us
Stan Wisniewski Director • **Kerry Gottlieb** Chief Deputy

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

In March 2000, California voters approved Proposition 13 (2000 Water Bond) to support safe drinking, water quality, flood protection and water reliability projects throughout the state. On July 27, 2001, the Governor signed the Budget Act of 2001 providing for Proposition 13 grants to be made available to fund 38 Clean Beaches Initiative (CBI) Projects, including the Marina Beach Water Quality Improvement Project. The State Water Resources Control Board (SWRCB) is responsible for administering these funds. The major goal of the CBI is to reduce health risks and increase the public's access to clean beaches. The goals of the Marina Beach Water Quality Improvement Project (WQIP) are to address present causes of poor water quality and prevent future contaminants from accumulating in the water.

The Santa Monica Bay Restoration Commission and the SWRCB technical advisory committee have recommended a total of $2 million be allocated for the WQIP under the CBI. On June 4, 2002, you approved the acceptance of the first phase of the grant, in the amount of $250,000. The first phase investigation included water quality and biological testing, soil and sediment sampling, hydrodynamic modeling, and recommendations for project implementation, including the preparation of environmental documentation, in compliance with the California Environmental Quality Act (CEQA).

Proposed Project

The first phase study, conducted by the County's environmental consultant, Kinnetic Laboratories, Inc. (Kinnetic), indicates that sources of contamination local to Marina Beach and to Basin D should be mitigated. During storm events, stormwater from the public parking lots and facilities just above the beach flows onto and across the beach, which has been documented to contain elevated levels of bacterial contamination. Contamination of beach sand and of shoreline waters have been documented due to this flow of stormwater. Additionally, the study has shown that random occurrences of contamination due to bird contributions or patches of contamination brought to the shoreline from further out in the Basin or the Marina are also a cause of high levels of bacteria at Marina Beach.

Kinnetic has recommended a two-part approach to address the chronic bacterial contamination at Marina Beach and the above findings. The first part of the project will redirect local stormwater runoff to prevent it from flowing across Marina Beach and into Basin D waters, where the beach is located, and divert the water into Basin E to the north or Basin C to the south. While the swimming area in Basin D is designated as REC-1 (water contact recreation) by the Regional Water Quality Control Board, Basins C and E are designated REC-2 (non-water contact recreation). The proposed diversions

are not expected to significantly degrade water quality in those basins so as to change their presently designated beneficial use.

The purpose of the second part of the proposed project is to increase mixing and circulation of the waters at the shallow beach face in order to improve water quality and to reduce contamination caused by random occurrences. This will be accomplished by placing two water circulators into the waters adjacent to the beach. These two units will each consist of a pump with a large, slowly rotating propeller that will be encased in a cage, for public and aquatic species safety.

Upon your Board's approval of the attached Resolution and CEQA documentation, the Department of Beaches and Harbors will submit the documents and a full proposal for Phase II to the SWRCB. The SWRCB will then prepare a grant agreement for $1,750,00 to cover the second phase of the WQIP project, which includes the design and construction of the water circulation system and stormwater diversion, as well as the implementation of other best management practices (BMP) for managing stormwater and runoff from nearby public parking lots, buildings and landscaped areas.

Implementation of Strategic Plan Goals

The acceptance of the CBI grant from the SWRCB provides a funding opportunity for the County to improve water quality at Marina Beach, thereby furthering the strategic plan goals of Service Excellence and Fiscal Responsibility and providing the public with access to a quality recreational resource.

FISCAL IMPACT/FINANCING

The Governor's Clean Beach Initiative has allocated $2.0 million for the Marina Beach WQIP, of which a $250,000 grant was provided in the first phase for planning efforts. The CBI grant requires a 20% local match, therefore, $50,000 was provided by the County in matching funds and in-kind services for this phase that is now being completed.

The second phase of the CBI grant agreement, in the amount of $1,750,000, will commence once the first phase studies and assessments are complete and approved by the SWRCB. This portion will also require a 20% local match of $350,000. The second phase total costs, $2.092 million, have been budgeted as Capital Project 69219 in DBH's 2004-2005 proposed capital projects budget.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

This Board letter was considered by the Beach Commission at its February 18 meeting, at which time the Commission unanimously approved the Director's recommendations.

County Counsel has reviewed and approved the attached Resolution and Mitigated Negative Declaration as to form.

ENVIRONMENTAL DOCUMENTATION

As required by CEQA, a draft Mitigated Negative Declaration was prepared for this project and circulated for agency and public review on January 26, 2004. The review period ended on February 17, 2004, and no substantive comments were received during the review period that warrant a response in the Mitigated Negative Declaration.

Proposed mitigation measures relative to noise and water quality have been included as part of the Mitigated Negative Declaration. The Mitigated Negative Declaration has concluded that the project, with the proposed mitigation measures, will not have a significant effect on the environment.

Following approval of the Mitigated Negative Declaration by your Board, a Notice of Determination will be filed with the County Clerk in accordance with State law.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

The County Department of Health Services currently monitors the water quality at Marina Beach through weekly samples to test for safety of human contact, and warning signs are posted any time State ocean water bacteriological standards are exceeded. The Clean Beaches Initiative grant and the Marina Beach Water Quality Improvement Project will aid the County's ability to improve the water quality at Marina Beach and reduce the need for periodic beach closures. If successful, this approach may be transferable to other small embayments in the County that have similar problems with poor water circulation.

CONCLUSION

Please return the executed Resolution to the Department of Beaches and Harbors, along with one approved copy of this letter.

Respectfully submitted,

Stan Wisniewski
Director

Attachments (5)

c: Chief Administrative Officer
County Counsel
Executive Officer, Board of Supervisors

Attachment A

Notice of Completion and Environmental Document Transmittal Form

See NOTE Below

SCH # 2004071105

Mail to: State Clearinghouse, P.O. Box 3044, Sacramento, CA 95812-3044--916/445-0613

1. Project Title: Marina del Rey Water Quality Improvement Project

2. Lead Agency: Los Angeles County Department of Beaches and Harbors
3a. Street Address: 13837 Fiji Way
3b. County: Los Angeles County

3. Contact Person: Joseph Chesler, AICP
3b. City: Marina del Rey
3d. Zip: 90292 3e. Phone: (310) 305-9538

Project Location

4. County: Los Angeles County
4a. City/Community: Marina del Rey
4b. Assessor's Parcel Nos. 4224-004-901
4c. Section: 21/22 Twp: 2S Range: 15 W
5a. Cross Streets: Via Marina/ Admiralty Way
5b. For Rural, Nearest Community: _____
6. Within 2 Miles: a. State Hwy #1 b. Airports: not applicable
c. Railways: not applicable c. Waterways: Ballona Creek, Grand Channel

7. Document Type

CEQA: 01.☐ NOP 02.☐ Early Cons 03. **X** Neg Dec 04.☐ Draft EIR 05.☐ Supplemental/Subsequent EIR (Prior SCH No.: _____) 06.☐ NOE 07.☐ NOC 08.☐ NOD

NEPA: 09.☐ NOI 10.☐ FONSI 11.☐ Draft EIS 12.☐ EA

OTHER: 13.☐ Joint Document 14.☐ Final Document 15.☐ Other _____

8. Local Action Type

01.☐ General Plan Update 02.☐ New Element 03.☐ General Plan Amendment 04.☐ Master Plan 05.☐ Annexation 06.☐ Specific Plan 07.☐ Community Plan 08.☐ Redevelopment 09.☐ Rezone 10.☐ Land Division (Subdivision, Parcel Map, Tract Map, etc.) 11.☐ Use Permit 12.☐ Waste Mgmt Plan 13.☐ Cancel Ag Preserve 14.☐ Reclamation Plan

9. Development Type

01.☐ Residential:
02.☐ Office:
03.☐ Shopping/Commercial
04.☐ Industrial:
05.☐ Water Facilities:
06.☐ Transportation:
07.☐ Mining: *Mineral* _____
08.☐ Power: *Type* _____ *Watts* _____ *Employees* _____
09.☐ Waste Treatment: *Type* _____
10.☐ OCS Related
11. **X** Other

10. Total Acres 65 acres

11. Total Jobs Created _____

12. Project Issues Discussed in Document

01☐ Aesthetic/Visual 02.☐ Agricultural Land 03.☐ Air Quality 04.☐ Archaeology/Historical 05.☐ Coastal Zone 06.☐ Economic 07.☐ Fire Hazard 08.☐ Flooding/Drainage 09.☐ Geologic/Seismic 10.☐ Jobs/Housing Balance 11.☐ Minerals 12 **X** Noise 13.☐ Public Services 14.☐ Schools 15.☐ Septic Systems 16.☐ Sewer Capacity 17.☐ Social 18.☐ Soil Erosion 19.☐ Solid Waste 20.☐ Toxic/Hazardous 21.☐ Traffic/Circulation 22.☐ Vegetation 23. **X** Water Quality 24.☐ Water Supply 25.☐ Wetland/Riparian 26.☐ Wildlife 27.☐ Growth Inducing 28.☐ Incompatible Land Use 29.☐ Cumulative Effects 30.☐ Dark Skies 31.☐ Public Health and Safety

13. Funding (approx.) **Federal $**None **State $**None **Total $**None

14. Present Land Use and Zoning: SP: Specific Plan/Palawan/Beach, Oxford, and Via Marina Development Zones

15. Project Description:

The proposed project is a two-part approach aimed at addressing chronic bacterial contamination at Marina Beach. Part 1 of the project involves redirecting local storm water run off from Basin D (where contact recreation is allowed) into Basins C and E (where the water is not used for contact recreation), with the goal of reducing contamination at Basin D. Part 2 involves the installation of water circulators within Basin D, which should reduce high concentrations of pollutants.

The purpose of **Part 1** of this project is to divert storm water discharges from flowing across the Marina Beach and also from discharging into Basin D waters where the beach is located. These local storm water drains are to be diverted to Basin E to the north or to Basin C to the south, thus diverting both wet weather (storm) and dry weather flows from the vicinity of the beach. No diversions to the sanitary storm system are proposed. The project consists of the following three elements:

- Collect storm discharges from two new collectors (SD-D2 and SD-D3) located at the very top of Marina Beach at the location of the present asphalt path/access road. Curbing of the lower side of the pathway at selected locations and the

provision of grated drop inlet to the collector would be provided. The collector SD-D2 would then convey the storm water to the existing line that discharges storm water into Basin E. Collector SD-D3 would convey storm water by a new line into Basin C. The drop inlets would be fitted with screening and a fossil filter to treat the discharge to remove debris, sediment, and absorb some contaminants.

- Collect storm water from the two drop inlets that now discharge into Basin D from the peninsula north of Basin D and divert this discharge into Basin E (SD-D1).
- Similarly, collect storm water discharges from the south parking lot and from the peninsula south of Basin D and discharge into Basin C to the south (SD-D4).

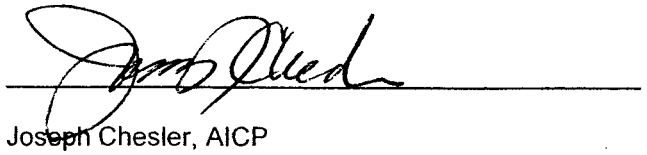
The purpose of **Part 2** of the proposed project is to increase mixing and circulation of the Marina waters at the shallow beach face in order to improve water quality and to reduce violations caused by random occurrences of contamination due to bird contributions or to occasional patches of contamination brought to the beach face from further out in the Basin or Marina. Part 2 of the project proposes to place two water circulators off the beach at a depth of approximately 10 feet MLLW Bottom and water surface clearances are about 2 feet each. The pump will be encased in a cage for safety. The two circulators would be mounted underneath the existing floating pontoon that comprises the dinghy dock at the eastern side of Marina Beach. Placement of the circulators can be according to one of two placement options. One option is to assist with the mixing of the water offshore the beach face. The second option is to induce a gentle current along the shallow area of the beach face. In this case the circulators would be about 200 to 300 feet off the swim area. Power would be provided by running an insulated armored cable from the pontoon to an onshore connection point, at the north or south side of the basin away from the beach. A motor start controller regulates operation of the motors, which will have breakers for controlling the motors, motor run light, and thermal overload protection. The pumps can also be programmed through the controller as to run times and conditions to run, controlled by water level or timing controls.

The location of the circulators will be optimized when in place. Optimization will be accomplished by testing circulation currents and water quality sampling, with the pontoon and circulators located at a number of different locations. Possible locations which are considered include those shown in Figure 6 that provide a location directly in front of the swimming beach creating a current perpendicular to the beach, and locations to the north or south creating a long shore transport. The circulation testing period would be carried on over at least one rainy and one dry season to properly evaluate the results. Once these are evaluated, the final location would be selected and the circulator pumps would be integrated into a permanent structure. (This would either consist of fixing the pontoon into a location, or building a new permanent structure as a pile-supported platform with the circulators mounted into this structure. Permanent placement would require further consultation with local stakeholders and permitting agencies.)

16. Public Review Period

Starting Date: January 26, 2004
Ending Date: February 16, 2004

17. Signature of Lead Agency Representative



Joseph Chesler, AICP

Date: January 23, 2004

NOTE: Clearinghouse will assign identification numbers for all new projects. If a SCH number already exists for a project (e.g., from a Notice of Preparation or previous draft document), please fill it in.

MITIGATED NEGATIVE DECLARATION

PROJECT NAME/NUMBER: MdR-002

1. DESCRIPTION:

MARINA DEL REY WATER QUALITY IMPROVEMENT PROJECT

The proposed project is a two-part approach aimed at addressing chronic bacterial contamination at Marina Beach. Part 1 of the project involves redirecting local storm water run off from Basin D (where contact recreation is allowed) into Basins C and E (where the water is not used for contact recreation), with the goal of reducing contamination at Basin D. Part 2 involves the installation of water circulators within Basin D, which should reduce high concentrations of pollutants.

Marina Beach (also known locally as Mother's Beach) is located in Basin D of Marina del Rey (Figures 1 and 2). The Marina is the largest constructed small craft yacht harbor in the world, consisting of over 400 acres of water area that opens west to Santa Monica Bay. The Marina offers boat rentals, charters, and cruises, sport fishing, whale watching, sailing, biking, and parks. Also included are restaurant, entertainment, and shopping facilities as well as resident housing. The beach is a man made sand beach (approximately 12 acres) with a shallow profile in fairly still water at the very upper end of Basin D (Figures 3 and 4). A children's swim area is marked near the center of the beach, a playground is located at the south west end, and volleyball courts, picnic, and barbecue areas are provided along with public restrooms. Facilities for kayaks, outrigger canoes, and small sailboats are also provided. A hotel and restaurants are just above the beach, along with large parking lots.

Marina Beach has a history of frequent violations of bacterial water quality standards. Marina Beach and the back basins of Marina del Rey have been the subject of a recent Total Maximum Daily Load (TMDL) determination and action by the Los Angeles Regional Water Quality Board. The TMDL action by the Regional Water Quality Control Board has set the number of allowable days of bacterial water quality exceedances at Marina Beach. During the Summer Dry Period, these allowable exceedances are zero, indicating that such violations must be dropped about 13-49 days from those experienced historically in the database. During the Winter Dry Period these allowable exceedances are 3 days, indicating a 1-17 day necessary reduction from those experienced historically. During the Winter Wet Period, allowable exceedances are 17 days, indicating a necessary 13-28 day reduction from those experienced in the historical data base.

A study of sources of contamination at Marina Beach has indicated that sources local to Marina Beach or to the upper Basin D are important and should be mitigated. One of these sources is local storm water drainage. During storm events, storm water from the large parking lots and facilities just above the beach sheet flows onto and across the beach. The

storm water has been documented to contain elevated levels of indicator bacterial contamination, and contamination of beach sand and of beach face waters has been documented due to this flow of storm waters discharging onto the beach. In addition, storm water from other nearby parking lots, roads, and residential/marina land uses located along the peninsulas is discharged into the Basin D waters, both very close to the beach face and further out along the peninsulas.

Part 1:
Diversion of Local Storm Water Drainage from Marina Beach

The purpose of Part 1 of this project is to divert storm water discharges from flowing across the Marina Beach and also from discharging into Basin D waters where the beach is located. These local storm water drains are to be diverted to Basin E to the north or to Basin C to the south, thus diverting both wet weather (storm) and dry weather flows from the vicinity of the beach. No diversions to the sanitary storm system are proposed.

The proposed diversions are illustrated in Figures 5 and 6, which show the present storm drainage system and the proposed system after diversion. The project consists of the following three elements:

- Collect storm discharges from two new collectors (SD-D2 and SD-D3) located at the very top of Marina Beach at the location of the present asphalt path/access road. Curbing of the lower side of the pathway at selected locations and the provision of grated drop inlet to the collector would be provided. The collector SD-D2 would then convey the storm water to the existing line that discharges storm water into Basin E. Collector SD-D3 would convey storm water by a new line into Basin C. The drop inlets would be fitted with screening and a fossil filter to treat the discharge to remove debris, sediment, and absorb some contaminants.
- Collect storm water from the two drop inlets that now discharge into Basin D from the peninsula north of Basin D and divert this discharge into Basin E (SD-D1).
- Similarly, collect storm water discharges from the south parking lot and from the peninsula south of Basin D and discharge into Basin C to the south (SD-D4).

Presently, Basin C receives only storm water draining locally from the peninsulas and the upper Marina area of Basin C. Basin E receives local storm water and also storm water from the urban areas across Admiralty Way and Washington, including the Oxford Lagoon discharge. The proposed drainage (10-year discharge) diverted from Basin D to Basin E would be about 11.1 cubic feet per second (cfs), versus about 462.2 cfs from the other two drainages presently in Basin E, or an addition of only 2.4 percent. The proposed drainage (10-year discharge) from Basin D to Basin C would be about 13.4 cfs, versus about 51.8 cfs from the drainage present in Basin C, or an addition of only 25.9 percent. This diversion action should decrease significantly the violations occurring with respect to swimming use of the beach located in upper Basin D. The swimming area located in the upper Basin D has a designated REC-1 (water contact recreation) beneficial use. The waters of the other Basins are designated as REC-2 (non-water contact recreation). The proposed diversions are not expected to significantly degrade water quality in Basins C and E so as to change their presently designated beneficial use.

Part 2:
Water Infusion at Marina Beach to Improve Water Quality at Beach Face

The purpose of Part 2 of the proposed project is to increase mixing and circulation of the Marina waters at the shallow beach face in order to improve water quality and to reduce violations caused by random occurrences of contamination due to bird contributions or to occasional patches of contamination brought to the beach face from further out in the Basin or Marina. Because water quality in Basin D appears to be substantially the same as in Basin C, bringing water from Basin C for beach infusion does not appear to be an attractive option. Also, other local controls are to be implemented in Basin D so the water quality in this basin is expected to improve in the future.

Presently, compliance monitoring is carried out by the City of Los Angeles Department of Sanitation through sampling in the very shallow water in the swash zone at the beach face in front of the lifeguard stand near the center of the beach. The water quality standards defined by the TMDL process calls for zero violations during the long summer dry period and only 3 times per year during the winter periods between storms, Therefore, this option of additional dilution/circulation at the beach face was considered as an additional measure after other local sources were mitigated or managed.

Part 2 of the project proposes to place two water circulators off the beach at a depth of approximately 10 feet MLLW The design proposes to use two mixing pumps manufactured by ITT Flygt, specifically a pump with a large, slowly rotating "banana-blade" propeller made of fiberglass reinforced polyurethane. (Figure 7). Mixing pumps are submersible pumps that are used in industrial applications. They are installed in tanks, reservoirs, and ponds to circulate liquids. The proposed banana-blade pump is used for mixing and current creation.

The Flygt pump selected is a Submersible Mixer with a 55-inch diameter banana blade propeller. This pump has a 6.2 horsepower electric motor (4.6 KW), which turns at 1715 RPM. The reduction gears in the pump produce a propeller speed of 55 RPM (e.g. less than 1 revolution per second), thus acting like a large paddle instead of the fast turning propellers on boats in the Marina. At this speed, the pump will provide a primary flow rate of 29,100 GPM or close to 60,000 GPM for two pumps. Maximum velocity at the pump will be about 4 feet/sec, dropping to a velocity of less than 0.5 feet/sec at about 200 feet downstream. Bottom and water surface clearances are about 2 feet each. The pump will be encased in a cage for safety, similar as shown for a larger model in Figure 7. The slow speed and the lack of the need for a fine screen will eliminate any concerns about damage to aquatic organisms, whether to fish or plankton due to either entrainment or impingement. The slow current of less than 4 feet/sec will minimize any turbidity or seabed erosion, further mitigated by a small coarse sand bottom layer in the immediate vicinity of the pump.

The two circulators would be mounted underneath a floating pontoon. Placement of the circulators can be according to one of two placement options. One option is to assist with the mixing of the water offshore the beach face. The second option is to induce a gentle current along the shallow area of the beach face. In this case the circulators would be about 200 to 300 feet off the swim area. Figure 8 illustrates optional areas for placement. Power would be provided by running an insulated armored cable from the pontoon to an onshore connection point, at the north or south side of the basin away from the beach. A motor start controller regulates operation of the motors, which will have breakers for controlling the motors, motor run light, and thermal overload protection. The pumps can also be programmed through the controller as to run times and conditions to run, controlled by water level or timing controls.

The location of the circulators will be optimized when in place. Optimization will be accomplished by testing circulation currents and water quality sampling, with the pontoon and circulators located at a number of different locations. Possible locations which are considered include those shown in Figure 8 that provide a location directly in front of the swimming beach creating a current perpendicular to the beach, and locations to the north or south creating a long shore transport. The circulation testing period would be carried on over at least one rainy and one dry season to properly evaluate the results. Once these are evaluated, the final location would be selected and the circulator pumps would be integrated into a permanent structure. (This would either consist of fixing the pontoon into a location, or building a new permanent structure as a pile-supported platform with the circulators mounted into this structure. Permanent placement would require further consultation with local stakeholders and permitting agencies.)

2. LOCATION:

Marina Beach and Basins D, C, and E in Marina Del Rey, Ca 90292

3. PROPONENT:

County of Los Angeles
Department of Beaches And Harbors
13837 Fiji Way
Marina Del Rey, Ca 90292

4. FINDINGS OF NO SIGNIFICANT EFFECT:

THE COUNTY OF LOS ANGELES FINDS THAT **ALTHOUGH THE PROPOSED PROJECT COULD HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT, THERE WILL NOT BE A SIGNIFICANT EFFECT IN THIS CASE BECAUSE REVISIONS IN THE PROJECT IN THE FORM OF PROJECT DESIGN FEATURES AND MITIGATION MEASURES HAVE BEEN AGREED TO BY THE PROJECT PROPONENT.** THEREFORE, THE PREPARATION OF THIS MITIGATED NEGATIVE DECLARATION IS APPROPRIATE PURSUANT TO CEQA, AND NO PREPARATION OF AN ENVIRONMENTAL IMPACT REPORT IS REQUIRED.

5. MITIGATION, MONITORING, AND REPORTING PROGRAM:

NOISE

Mitigation: The project proponent shall comply with Noise Ordinance No. 11,778

Timing: During project construction/installation and operation

Implementing Party: Construction contractors and equipment installers and operators

Monitoring Party: County of Los Angeles Department of Beaches and Harbors

WATER QUALITY

Mitigation: The project proponent shall monitor water quality at Basins C and E at the points of discharge to verify that the redirected discharges are not substantially

degrading the water quality in these water bodies, resulting in an increase in water quality standard violations. If water quality standards are violated, remedial action shall be taken.

Timing: During rainy and dry seasons for a minimum of two years following project implementation.

Implementing Party: County of Los Angeles Department of Beaches and Harbors

Monitoring Party: County of Los Angeles Department of Beaches and Harbors

6. LOCATION AND CUSTODIAN OF RECORD OF PROCEEDINGS:

THE LOCATION AND CUSTODIAN OF THE RECORD OF PROCEEDINGS ON WHICH ADOPTION OF THIS NEGATIVE DECLARATION IS BASED IS: LOS ANGELES COUNTY, DEPARTMENT OF BEACHES AND HARBORS, 13483 FIJI WAY #3, MARINA DEL REY, CA 90292.

PREPARED BY: Joseph Chesler, AICP

DATE: January 23, 2004

PROJECT NUMBER: *MdR-002*

CASES: _____

_____

****** INITIAL STUDY ******

COUNTY OF LOS ANGELES
DEPARTMENT OF BEACHES AND HARBORS

GENERAL INFORMATION

I.A. Map Date: *N/A* Staff Member: *Joseph Chesler, AICP*

Thomas Guide: *971 J-6* USGS Quad: *Venice*

Location: *Marina Beach and Basins D, C, and E, Marina del Rey, CA 90292*

Description of Project: ***Marina del Rey Water Quality Improvement Project***

The proposed project is a two-part approach aimed at addressing chronic bacterial contamination at Marina Beach. Part 1 of the project involves redirecting local storm water run off from Basin D (where contact recreation is allowed) into Basins C and E (where the water is not used for contact recreation), with the goal of reducing contamination at Basin D. Part 2 involves the installation of water circulators within Basin D, which should reduce high concentrations of pollutants.

Marina Beach (also known locally as Mother's Beach) is located in Basin D of Marina del Rey (Figures 1 and 2). The Marina is the largest constructed small craft yacht harbor in the world, consisting of over 400 acres of water area that opens west to Santa Monica Bay. The Marina offers boat rentals, charters, and cruises, sport fishing, whale watching, sailing, biking, and parks. Also included are restaurant, entertainment, and shopping facilities as well as resident housing. The beach is a man made sand beach (approximately 12 acres) with a shallow profile in fairly still water at the very upper end of Basin D (Figures 3 and 4). A children's swim area is marked near the center of the beach, a playground is located at the south west end, and volleyball courts, picnic, and barbecue areas are provided along with public restrooms. Facilities for kayaks, outrigger canoes, and small sailboats are also provided. A hotel and restaurants are just above the beach, along with large parking lots.

Marina Beach has a history of frequent violations of bacterial water quality standards. Marina Beach and the back basins of Marina del Rey have been the subject of a recent Total Maximum Daily Load (TMDL) determination and action by the Los Angeles Regional Water Quality Board. The TMDL action by the Regional Water Quality Control Board has set the number of allowable days of bacterial water quality exceedances at Marina Beach. During the Summer Dry Period, these allowable exceedances are zero, indicating that such violations must be dropped about 13-49 days from those experienced historically in the

database. During the Winter Dry Period these allowable exceedances are 3 days, indicating a 1-17 day necessary reduction from those experienced historically. During the Winter Wet Period, allowable exceedances are 17 days, indicating a necessary 13-28 day reduction from those experienced in the historical data base.

A study of sources of contamination at Marina Beach has indicated that sources local to Marina Beach or to the upper Basin D are important and should be mitigated. One of these sources is local storm water drainage. During storm events, storm water from the large parking lots and facilities just above the beach sheet flows onto and across the beach. The storm water has been documented to contain elevated levels of indicator bacterial contamination, and contamination of beach sand and of beach face waters has been documented due to this flow of storm waters discharging onto the beach. In addition, storm water from other nearby parking lots, roads, and residential/marina land uses located along the peninsulas is discharged into the Basin D waters, both very close to the beach face and further out along the peninsulas.

Part 1: Diversion of Local Storm Water Drainage from Marina Beach

The purpose of Part 1 of this project is to divert storm water discharges from flowing across the Marina Beach and also from discharging into Basin D waters where the beach is located. These local storm water drains are to be diverted to Basin E to the north or to Basin C to the south, thus diverting both wet weather (storm) and dry weather flows from the vicinity of the beach. No diversions to the sanitary storm system are proposed.

The proposed diversions are illustrated in Figures 5 and 6, which show the present storm drainage system and the proposed system after diversion. The project consists of the following three elements:

- *Collect storm discharges from two new collectors (SD-D2 and SD-D3) located at the very top of Marina Beach at the location of the present asphalt path/access road. Curbing of the lower side of the pathway at selected locations and the provision of grated drop inlet to the collector would be provided. The collector SD-D2 would then convey the storm water to the existing line that discharges storm water into Basin E. Collector SD-D3 would convey storm water by a new line into Basin C. The drop inlets would be fitted with screening and a fossil filter to treat the discharge to remove debris, sediment, and absorb some contaminants.*
- *Collect storm water from the two drop inlets that now discharge into Basin D from the peninsula north of Basin D and divert this discharge into Basin E (SD-D1).*
- *Similarly, collect storm water discharges from the south parking lot and from the peninsula south of Basin D and discharge into Basin C to the south (SD-D4).*

Presently, Basin C receives only storm water draining locally from the peninsulas and the upper Marina area of Basin C. Basin E receives local storm water and also storm water from the urban areas

across Admiralty Way and Washington, including the Oxford Lagoon discharge. The proposed drainage (10-year discharge) diverted from Basin D to Basin E would be about 11.1 cubic feet per second (cfs), versus about 462.2 cfs from the other two drainages presently in Basin E, or an addition of only 2.4 percent. The proposed drainage (10-year discharge) from Basin D to Basin C would be about 13.4 cfs, versus about 51.8 cfs from the drainage present in Basin C, or an addition of only 25.9 percent. This diversion action should decrease significantly the violations occurring with respect to swimming use of the beach located in upper Basin D. The swimming area located in the upper Basin D has a designated REC-1 (water contact recreation) beneficial use. The waters of the other Basins are designated as REC-2 (non-water contact recreation). The proposed diversions are not expected to significantly degrade water quality in Basins C and E so as to change their presently designated beneficial use.

Part 2: Water Infusion at Marina Beach to Improve Water Quality at Beach Face

The purpose of Part 2 of the proposed project is to increase mixing and circulation of the Marina waters at the shallow beach face in order to improve water quality and to reduce violations caused by random occurrences of contamination due to bird contributions or to occasional patches of contamination brought to the beach face from further out in the Basin or Marina. Because water quality in Basin D appears to be substantially the same as in Basin C, bringing water from Basin C for beach infusion does not appear to be an attractive option. Also, other local controls are to be implemented in Basin D so the water quality in this basin is expected to improve in the future.

Presently, compliance monitoring is carried out by the City of Los Angeles Department of Sanitation through sampling in the very shallow water in the swash zone at the beach face in front of the lifeguard stand near the center of the beach. The water quality standards defined by the TMDL process calls for zero violations during the long summer dry period and only 3 times per year during the winter periods between storms. Therefore, this option of additional dilution/circulation at the beach face was considered as an additional measure after other local sources were mitigated or managed.

Part 2 of the project proposes to place two water circulators off the beach at a depth of approximately 10 feet MLLW The design proposes to use two mixing pumps manufactured by ITT Flygt, specifically a pump with a large, slowly rotating "banana-blade" propeller made of fiberglass reinforced polyurethane. (Figure 7). Mixing pumps are submersible pumps that are used in industrial applications. They are installed in tanks, reservoirs, and ponds to circulate liquids. The proposed banana-blade pump is used for mixing and current creation.

The Flygt pump selected is a Submersible Mixer with a 55-inch diameter banana blade propeller. This pump has a 6.2 horsepower electric motor (4.6 KW), which turns at 1715 RPM. The reduction gears in the pump produce a propeller speed of 55 RPM (e.g. less than 1 revolution per second), thus acting like a

large paddle instead of the fast turning propellers on boats in the Marina. At this speed, the pump will provide a primary flow rate of 29,100 GPM or close to 60,000 GPM for two pumps. Maximum velocity at the pump will be about 4 feet/sec, dropping to a velocity of less than 0.5 feet/sec at about 200 feet downstream. Bottom and water surface clearances are about 2 feet each. The pump will be encased in a cage for safety, similar as shown for a larger model in Figure 7. The slow speed and the lack of the need for a fine screen will eliminate any concerns about damage to aquatic organisms, whether to fish or plankton due to either entrainment or impingement. The slow current of less than 4 feet/sec will minimize any turbidity or seabed erosion, further mitigated by a small coarse sand bottom layer in the immediate vicinity of the pump.

The two circulators would be mounted underneath the existing floating pontoon that comprises the dinghy dock at the eastern side of Marina Beach. Placement of the circulators can be according to one of two placement options. One option is to assist with the mixing of the water offshore the beach face. The second option is to induce a gentle current along the shallow area of the beach face. In this case the circulators would be about 200 to 300 feet off the swim area. Figure 8 illustrates optional areas for placement. Power would be provided by running an insulated armored cable from the pontoon to an onshore connection point, at the north or south side of the basin away from the beach. A motor start controller regulates operation of the motors, which will have breakers for controlling the motors, motor run light, and thermal overload protection. The pumps can also be programmed through the controller as to run times and conditions to run, controlled by water level or timing controls.

The location of the circulators will be optimized when in place. Optimization will be accomplished by testing circulation currents and water quality sampling, with the pontoon and circulators located at a number of different locations. Possible locations which are considered include those shown in Figure 8 that provide a location directly in front of the swimming beach creating a current perpendicular to the beach, and locations to the north or south creating a long shore transport. The circulation testing period would be carried on over at least one rainy and one dry season to properly evaluate the results. Once these are evaluated, the final location would be selected and the circulator pumps would be integrated into a permanent structure. (This would either consist of fixing the pontoon into a location, or building a new permanent structure as a pile-supported platform with the circulators mounted into this structure. Permanent placement would require further consultation with local stakeholders and permitting agencies.)

Gross Area: *The project area encompasses approximately 65 acres*

Environmental Setting: *The proposed project would take place in the area around Marina Beach, which is described above. Surrounding land uses include public parking, neighborhood commercial, office buildings, single-family homes, apartments, boat slips, and large commercial hotels.. Marina del Rey is located in the*

County of Los Angeles. The communities of Venice and Mar Vista in the City of Los Angeles border the area to the north and east.

Zoning: *SP: Specific Plan/Palawan/Beach, Oxford, and Via Marina Development Zones*

General Plan: *SP: Specific Plan – Marina del Rey Local Coastal Plan*

Community/Area Wide Plan: *Open Space, Water, Residential, Hotel, Marine Commercial, Parking, and Boat Storage (Marina del Rey Land Use Plan)*

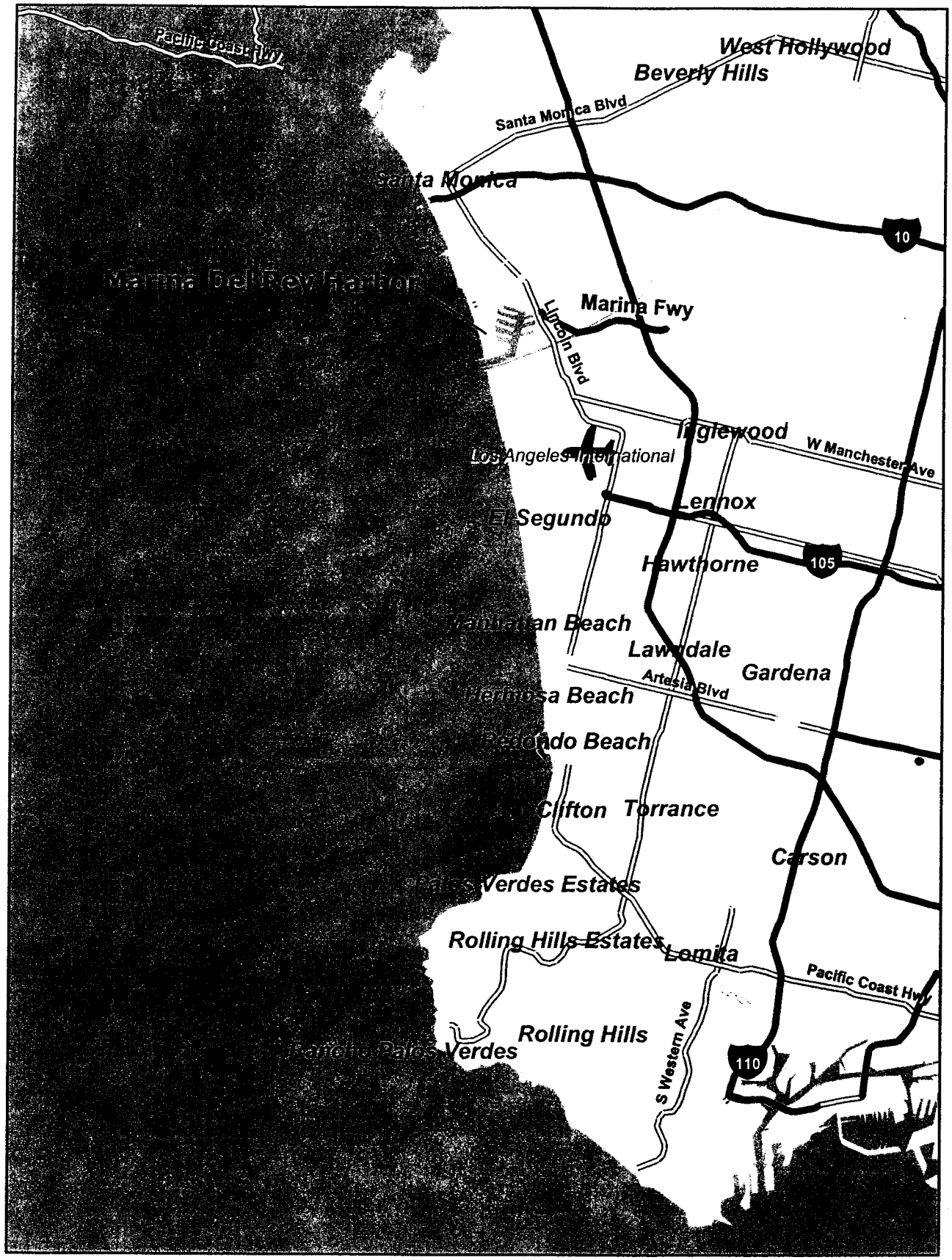


Figure 1. Location Map for Marina del Rey

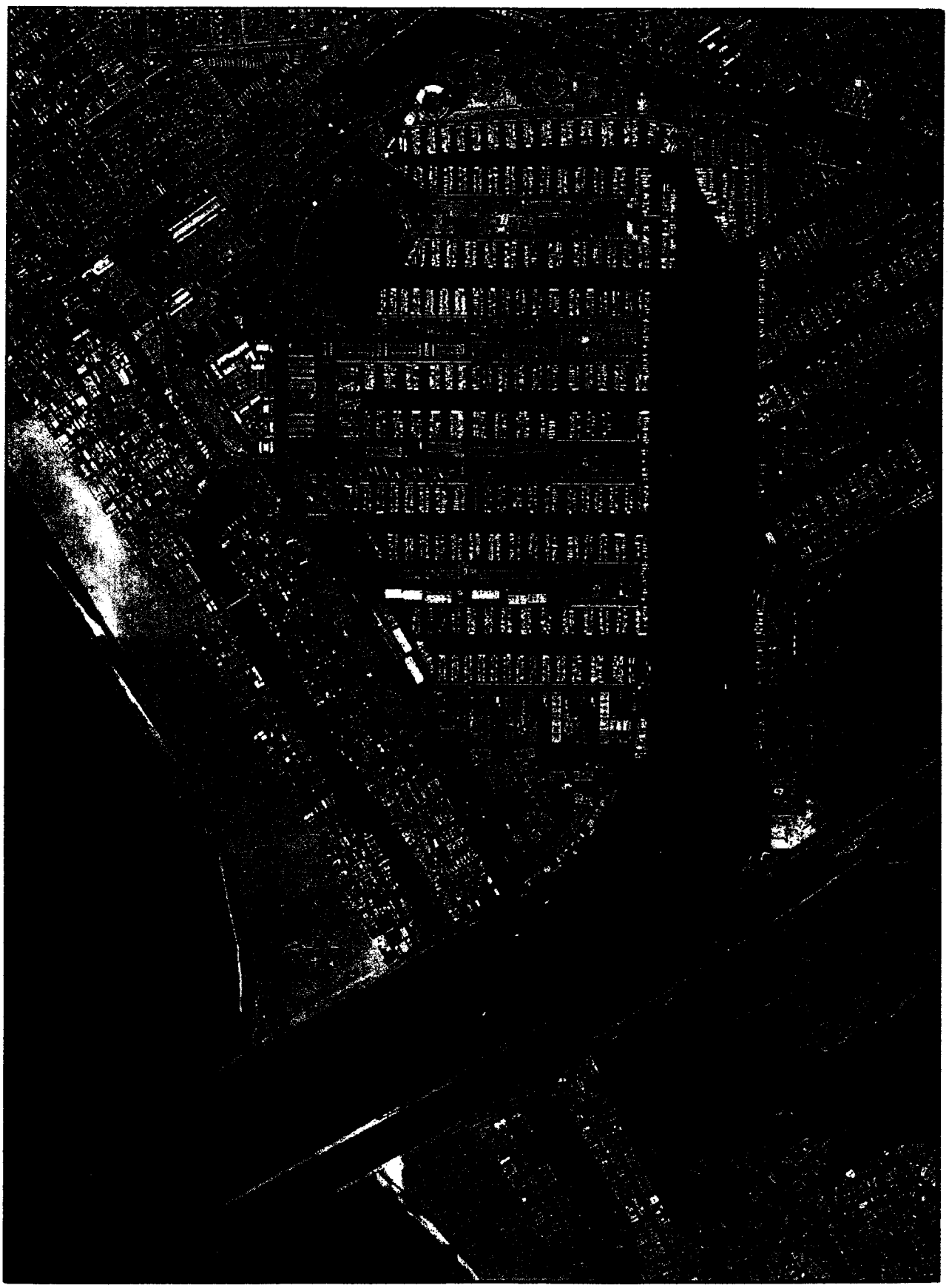


Figure 2. Aerial Map of Marina del Rey

Figure 3. Photographs of Marina Beach

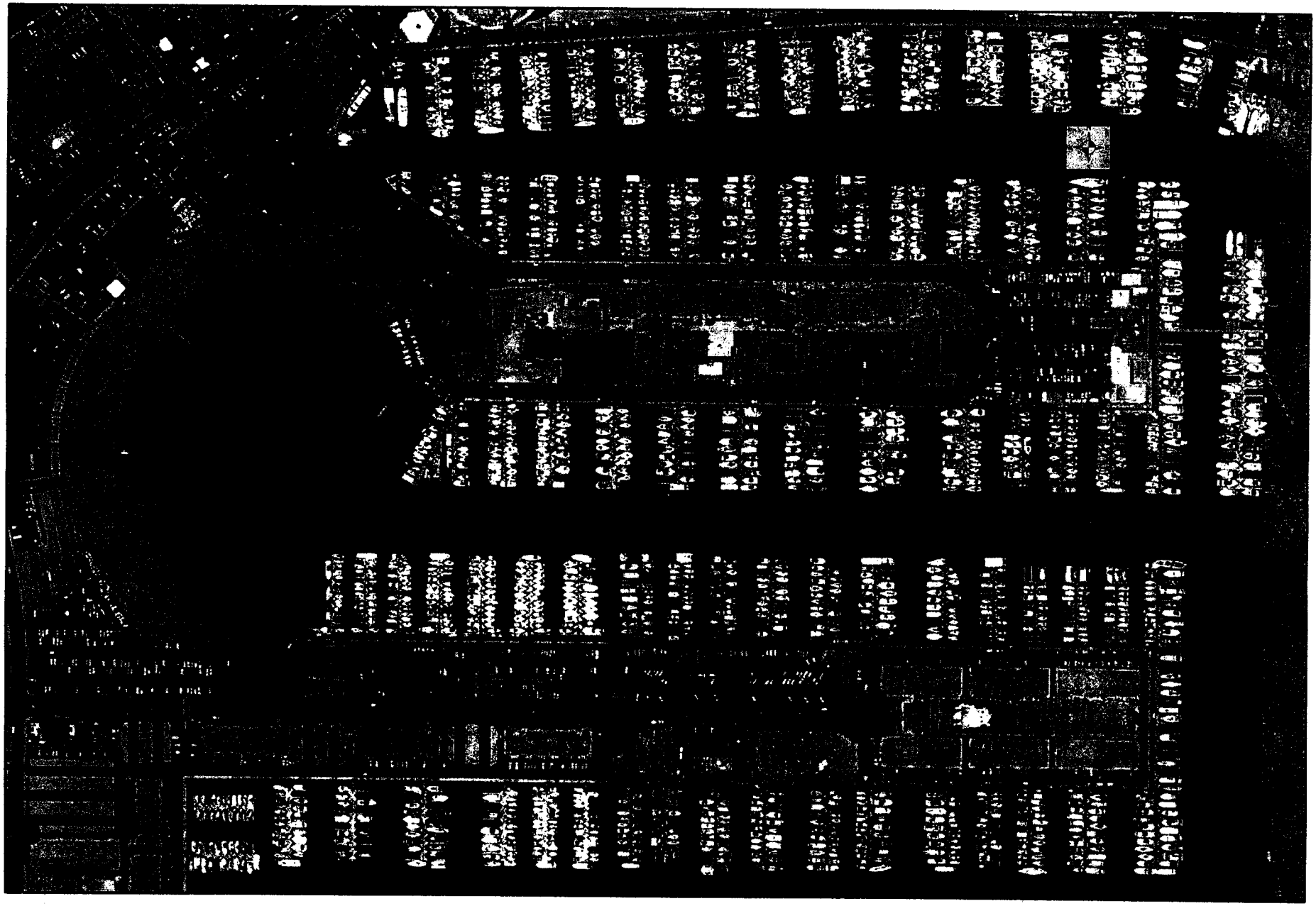
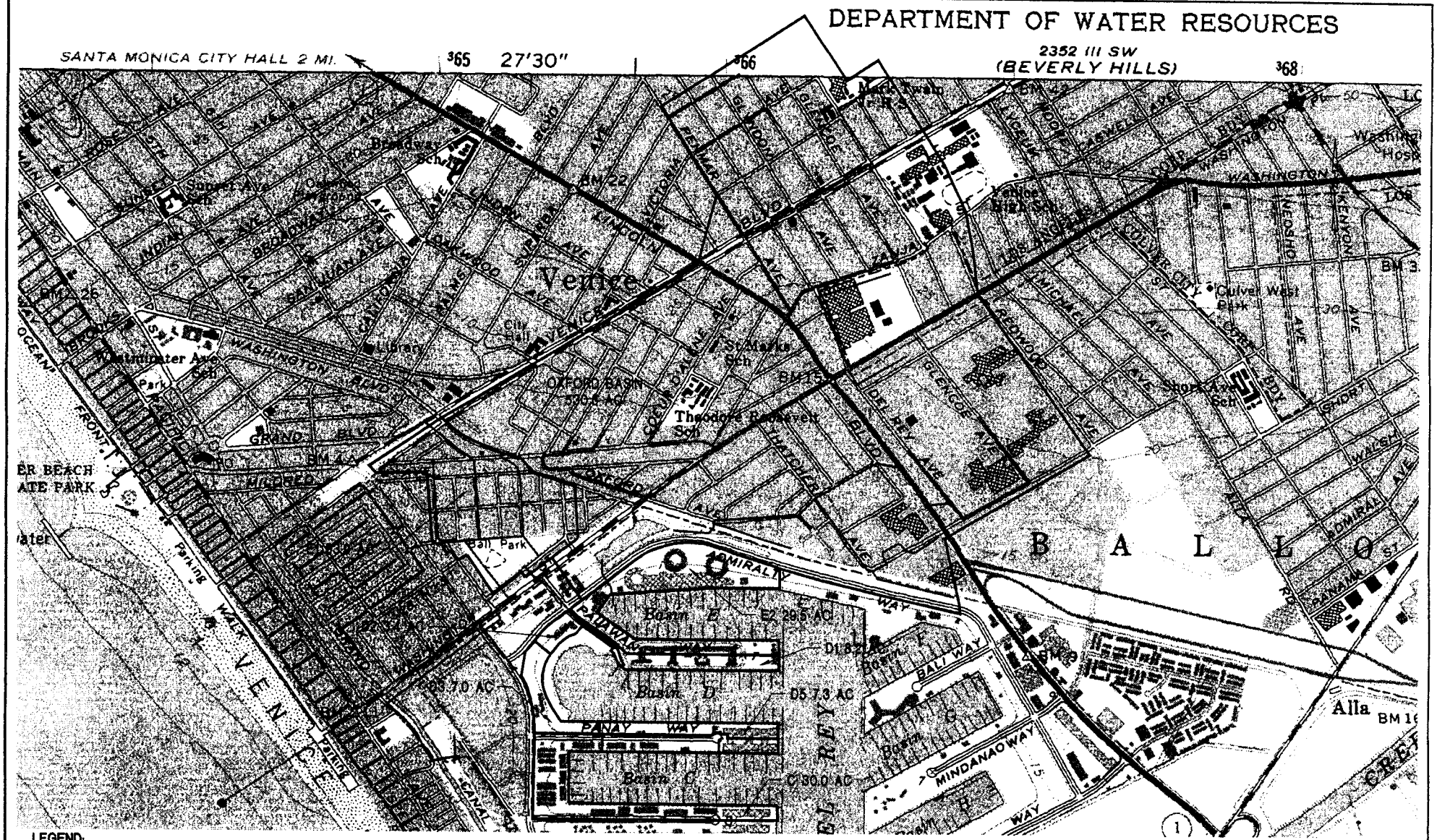


Figure 4. Detailed Map of Basin D and Marina Beach Area.

DEPARTMENT OF WATER RESOURCES



LEGEND:

EX STORM DRAIN

DRAINAGE BOUNDARY

FIGURE 5

PRELIMINARY

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Orange, California 92868
Phone: (714) 567-2400
FAX: (714) 567-2441

LEGEND:

EX STORM DRAIN

PROPOSED STORM DRAIN

DRAINAGE FLOW ARROW

FIGURE 6

PRELIMINARY

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Orange, California 92868
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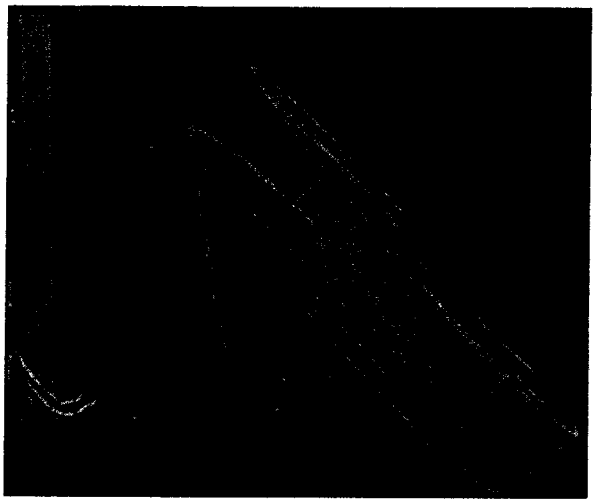
FAX: (714) 567-2441



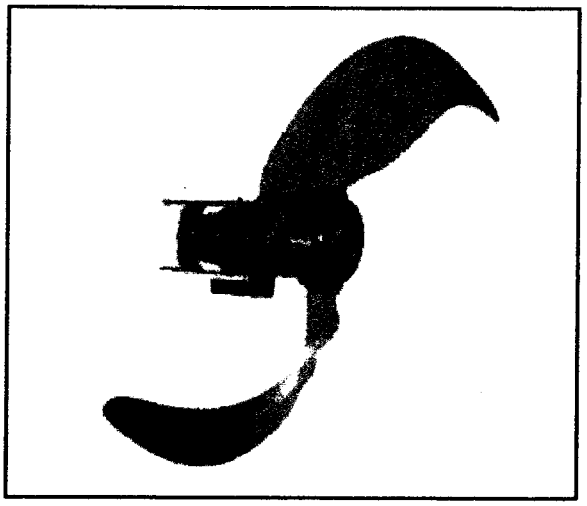


Figure 7. Submersible Banana Bladed Pumps

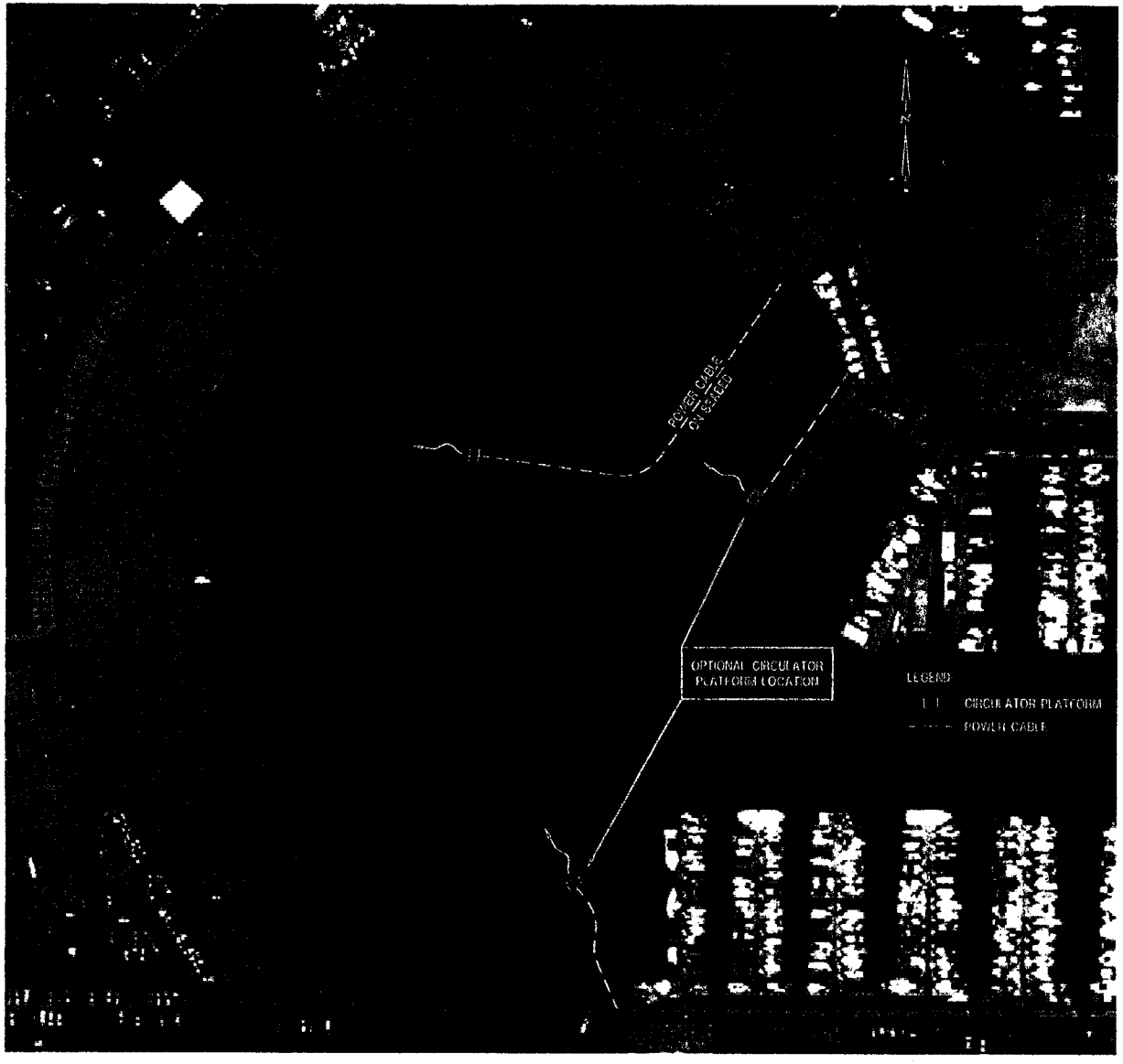
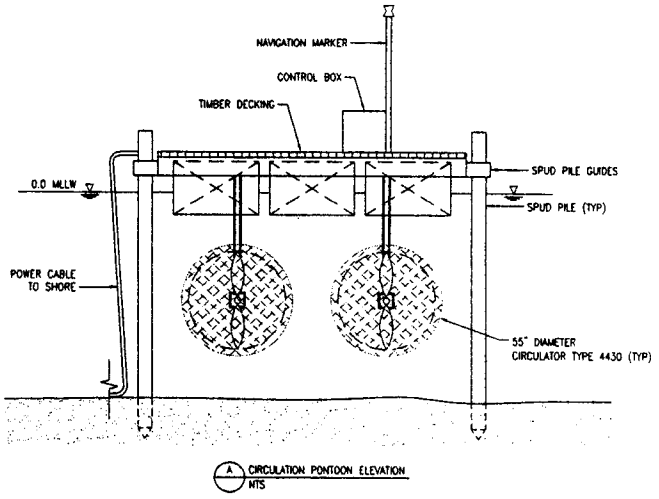
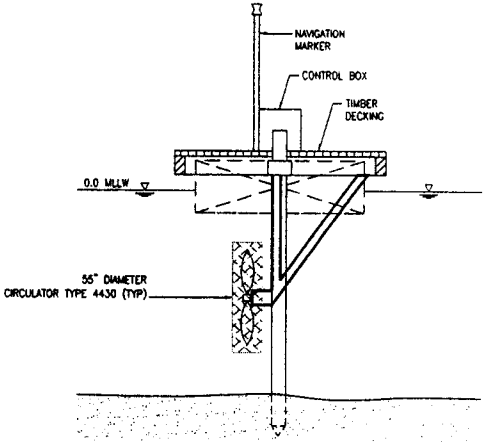


FIGURE 8



A CIRCULATION PONTOON ELEVATION
NTS



B CIRCULATION PONTOON SIDE ELEVATION
NTS

PRELIMINARY

DATE: JANUARY 23, 2004
VERSION: 1

Beaches & Harbors

DMJM HARRIS
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FAX: (714) 567-2441

IMPACT ANALYSIS MATRIX

CATEGORY	FACTOR	Pg	ANALYSIS SUMMARY (See individual pages for details) Less than Significant Impact/No Impact	Less than Significant Impact with Project Mitigation	Potentially Significant Impact	Potential Concern
HAZARDS	1. Geotechnical	17	☒	☐	☐	
	2. Flood	18	☒	☐	☐	
	3. Fire	19	☒	☐	☐	
	4. Noise	20	☐	☒	☐	*Temporary noise during construction of Part 1 of the project.*
RESOURCES	1. Water Quality	21	☐	☒	☐	*Altered drainage could affect water quality in Basins C&E.*
	2. Air Quality	22	☒	☐	☐	
	3. Biota	23	☒	☐	☐	
	4. Cultural Resources	24	☒	☐	☐	
	5. Mineral Resources	25	☒	☐	☐	
	6. Agriculture Resources	26	☒	☐	☐	
	7. Visual Qualities	27	☒	☐	☐	
SERVICES	1. Traffic/Access	28	☒	☐	☐	
	2. Sewage Disposal	29	☒	☐	☐	
	3. Education	30	☒	☐	☐	
	4. Fire/Sheriff	31	☒	☐	☐	
	5. Utilities	32	☒	☐	☐	
OTHER	1. General	33	☒	☐	☐	
	2. Environmental Safety	34	☒	☐	☐	
	3. Land Use	35	☒	☐	☐	
	4. Pop./Hous./Emp./Rec.	36	☒	☐	☐	
	Mandatory Findings	37	☒	☐	☐	

DEVELOPMENT MONITORING SYSTEM (DMS) *

As required by the Los Angeles County General Plan, DMS shall be employed in the Initial Study phase of the environmental review procedure as prescribed by state law.

1. Development Policy Map Designation: *2: Conservation*

2. ☐ Yes ☒ No Is the project located in the Antelope Valley, East San Gabriel Valley, Malibu/Santa Monica Mountains or Santa Clarita Valley planning area?

3. ☐ Yes ☒ No Is the project at urban density and located within, or proposes a plan amendment to, an urban expansion designation?

If both of the above questions are answered "yes", the project is subject to a County DMS analysis.

☐ Check if DMS printout generated (attached)

Date of printout: _____

☐ Check if DMS overview worksheet completed (attached)

*EIRs and/or staff reports shall utilize the most current DMS information available.

Major projects in area:

Project Number	Description & Status
Not applicable	*Not applicable*

NOTE: For EIRs, above projects are not sufficient for cumulative analysis.

REVIEWING AGENCIES

Responsible Agencies

- ☐ None
- ☒ Regional Water Quality Control Board
  - ☒ Los Angeles Region
  - ☐ Lahontan Region
- ☒ Coastal Commission
- ☒ Army Corps of Engineers
- ☒ *CA Department of Boating & Waterways*
- ☒ *CA Department of Oil, Gas & Geothermal Resources*

Trustee Agencies

- ☐ None
- ☒ State Fish and Game
- ☐ State Parks
- ☐ _____

Special Reviewing Agencies

- ☒ None
- ☐ Santa Monica Mountains Conservancy
- ☐ National Parks
- ☐ National Forest
- ☐ Edwards Air Force Base
- ☐ Resource Conservation District of the Santa Monica Mtns.
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____

Regional Significance

- ☒ None
- ☐ SCAG Criteria
- ☐ Air Quality
- ☐ Water Resources
- ☐ Santa Monica Mtns Area
- ☐ _____

County Reviewing Agencies

- ☐ Subdivision Committee
- ☒ DPW: *Watershed Management Division; Geotech. & Materials Engineering Div.*
- ☒ Health Services: *Public Health*
- ☒ *Department of Beaches and Harbors*
- ☒ *Department of Regional Planning*

Environmental Finding:

FINAL DETERMINATION: On the basis of this Initial Study, the Department of Regional Planning finds that this project qualifies for the following environmental document:

☐ NEGATIVE DECLARATION, inasmuch as the proposed project will not have a significant effect on the environment.

An Initial Study was prepared on this project in compliance with the State CEQA Guidelines and the environmental reporting procedures of the County of Los Angeles. It was determined that this project will not exceed the established threshold criteria for any environmental/service factor and, as a result, will not have a significant effect on the physical environment.

☒ MITIGATED NEGATIVE DECLARATION, inasmuch as the changes required for the project will reduce impacts to insignificant levels (see attached discussion and/or conditions).

An Initial Study was prepared on this project in compliance with the State CEQA Guidelines and the environmental reporting procedures of the County of Los Angeles. It was originally determined that the proposed project may exceed established threshold criteria. The applicant has agreed to modification of the project so that it can now be determined that the project will not have a significant effect on the physical environment. The modification to mitigate this impact(s) is identified on the Project Changes/Conditions Form included as part of this Initial Study.

☐ ENVIRONMENTAL IMPACT REPORT*, inasmuch as there is substantial evidence that the project may have a significant impact due to factors listed above as "significant."

☐ At least one factor has been adequately analyzed in an earlier document pursuant to legal standards, and has been addressed by mitigation measures based on the earlier analysis as described on the attached sheets (see attached Form DRP/IA 101). The EIR is required to analyze only the factors not previously addressed.

Reviewed by: *Joseph Chesler, AICP* Date: *January 23, 2004*

Approved by: _____ Date: _____

☐ Determination appealed--see attached sheet.

*NOTE: Findings for Environmental Impact Reports will be prepared as a separate document following the public hearing on the project.

HAZARDS - 1. Geotechnical

SETTING/IMPACTS

	Yes	No	Maybe	
a.	☐	☒	☐	Is the project site located in an active or potentially active fault zone, Seismic Hazards Zone, or Alquist-Priolo Earthquake Fault Zone?

Although the project area is within a Seismic Hazard Liquefaction Zone (Marina del Rey Local Coastal Program [LCP], 1996), it would not place population or housing in this zone.

b.	☐	☒	☐	Is the project site located in an area containing a major landslide(s)?

The project is not located in an area containing a major landslide. (Marina del Rey LCP, 1996)

c.	☐	☒	☐	Is the project site located in an area having high slope instability?

The project is not located in an area having high slope instability. (Marina del Rey LCP, 1996)

d.	☐	☒	☐	Is the project site subject to high subsidence, high groundwater level, liquefaction, or hydrocompaction?

The project area is within a Seismic Hazard Liquefaction Zone (Marina del Rey LCP, 1996). However, the project would not place population or housing in this zone.

e.	☐	☒	☐	Is the proposed project considered a sensitive use (school, hospital, public assembly site) located in close proximity to a significant geotechnical hazard?

The project would not construct any sensitive uses. Part 1 consists of drainage structures and Part 2 consists of floating platforms with submerged water circulators.

f.	☐	☒	☐	Will the project entail substantial grading and/or alteration of topography including slopes of more than 25%?

The project does not entail grading or substantial alteration of topography, except as needed to divert run off from the existing parking lot.

g.	☐	☒	☐	Would the project be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?

The project will not be located on expansive soil.

h.	☐	☐	☐	Other factors? _____

STANDARD MITIGATION MEASURES

☐ Building Ordinance No. 2225 C Sections 308B, 309, 310 and 311 and Chapters 29 and 70.

OTHER CONSIDERATIONS/MITIGATIONS

☐ Lot Size ☐ Project Design ☐ Approval of Geotechnical Report by DPW

CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on, or be impacted by, **geotechnical** factors?

☐ Potentially significant ☐ Less than significant with project mitigation ☒ Less than significant/No impact

HAZARDS - 2. Flood

SETTING/IMPACTS

	Yes	No	Maybe	
a.	☐	☒	☐	Is a major drainage course, as identified on USGS quad sheets by a dashed line, located on the project site?

The project site is located in the area identified as Marina del Rey on the USGS Venice Quadrangle. No major drainage courses are identified in the area, although the site includes Basins C, D, and E (open water) of the harbor.

b.	☒	☐	☐	Is the project site located within or does it contain a floodway, floodplain, or designated flood hazard zone?

The project site is within a Tsunami Inundation Area, per Flood Inundation Area Plate 6, Los Angeles County Safety Element. The project would be located in previously developed areas within the Marina and on open water, and would not be substantially affected by flooding.

c.	☐	☒	☐	Is the project site located in or subject to high mudflow conditions?

The surrounding area is predominantly developed, and is not subject to high mudflow conditions.

d.	☐	☒	☐	Could the project contribute or be subject to high erosion and debris deposition from run off?

The project would not increase the amount of run off, but Part 1 would divert it to an alternate location. Drainage points are already in existence in Basins C and E. Increasing discharge could result in eddies near the shoreline. However, the maximum velocity of water at the points of discharge would be 4 feet per second. Since velocity at this rate does not typically result in erosion, no impact is anticipated. Part 2 of the project would not affect run off.

e.	☒	☐	☐	Would the project substantially alter the existing drainage pattern of the site or area?

Part 1 of the project would divert existing drainage from Basin D to Basins C and E.

f.	☐	☐	☐	Other factors (e.g., dam failure)? _____

STANDARD MITIGATION MEASURES

☐ Building Ordinance No. 2225 C Section 308A ☐ Ordinance No. 12,114 (Floodways)
☐ Approval of Drainage Concept by DPW

OTHER CONSIDERATIONS/MITIGATIONS

☐ Lot Size ☐ Project Design

The discharge storm drains will be designed to ensure that discharge velocity are below 4 feet per second.

CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on, or be impacted by **flood (hydrological)** factors?

☐ Potentially significant ☒ Less than significant with project mitigation ☐ Less than significant/No impact

HAZARDS - 3. Fire

SETTING/IMPACTS

	Yes	No	Maybe	
a.	☐	☒	☐	Is the project site located in a high fire hazard area (Fire Zone 4)?

The proposed project includes storm drain modifications and water circulation enhancements, and would therefore not be affected by a high fire hazard area.

b.	☐	☒	☐	Is the project site in a high fire hazard area and served by inadequate access due to lengths, widths, surface materials, turnarounds or grade?

The project is not located in a high fire hazard area. Adequate access to the site is available.

c.	☐	☒	☐	Does the project site have more than 75 dwelling units on a single access in a high fire hazard area? *The project does not entail the construction of dwelling units.*
d.	☐	☒	☐	Is the project site located in an area having inadequate water and pressure to meet fire flow standards? *The project is located in a site that has adequate water and pressure.*
e.	☐	☒	☐	Is the project site located in close proximity to potential dangerous fire hazard conditions/uses (such as refineries, flammables, explosives manufacturing)?

No potentially dangerous fire hazard conditions or uses are located near the project site.

f.	☐	☒	☐	Does the proposed use constitute a potentially dangerous fire hazard?

The project would not constitute a fire hazard.

g.	☐	☐	☐	Other factors?

STANDARD MITIGATION MEASURES

☐ Water Ordinance No. 7834 ☐ Fire Ordinance No. 2947 ☐ Fire Prevention Guide No. 46

OTHER CONSIDERATIONS/MITIGATIONS

☐ Project Design ☐ Compatible Use

CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on, or be impacted by **fire hazard** factors?

☐ Potentially significant ☐ Less than significant with project mitigation ☒ Less than significant/No impact

HAZARDS - 4. Noise

SETTING/IMPACTS

	Yes	No	Maybe	
a.	☐	☒	☐	Is the project site located near a high noise source (airports, railroads, freeways, industry)?

No high noise sources are located in the area. Ambient noise is predominantly from automobile and boat traffic. The project does not propose any sensitive land uses.

b.	☐	☒	☐	Is the proposed use considered sensitive (school, hospital, senior citizen facility) or are there other sensitive uses in close proximity?

The project is not considered a sensitive use. No schools or hospitals are in close proximity.

c.	☐	☐	☒	Could the project substantially increase ambient noise levels including those associated with special equipment (such as amplified sound systems) or parking areas associated with the project?

The project would not create a new permanent source of ambient noise. However, construction of the drainage facilities for Part 1 of the project may result in temporary noise typical of minor construction. Part 2 of the project would entail the installation of water circulators. However, as these will be located underwater, they would not increase ambient noise.

d.	☐	☐	☒	Would the project result in a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels without the project?

The project would not create a new permanent source of ambient noise. However, construction of the drainage facilities may result in temporary noise typical of minor construction.

e.	☐	☐	☐	Other factors? _____

STANDARD MITIGATION MEASURES

☒ Noise Ordinance No. 11,778 ☐ Building Ordinance No. 2225--Chapter 35

OTHER CONSIDERATIONS/MITIGATIONS

☐ Lot Size ☐ Project Design ☒ Compatible Use

CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on, or be adversely impacted by **noise**?

☐ Potentially significant ☒ Less than significant with project mitigation ☐ Less than significant/No impact

RESOURCES - 1. Water Quality

SETTING/IMPACTS

	Yes	No	Maybe	
a.	☐	☒	☐	Is the project site located in an area having known water quality problems and proposing the use of individual water wells? *The area does not propose the use of individual water wells.*
b.	☐	☒	☐	Will the proposed project require the use of a private sewage disposal system? *The project will not generate wastewater or require the use of a sewage disposal system.*
	☐	☐	☐	If the answer is yes, is the project site located in an area having known septic tank limitations due to high groundwater or other geotechnical limitations *or* is the project proposing on-site systems located in close proximity to a drainage course? *Not applicable.*
c.	☐	☐	☒	Could the project's associated construction activities significantly impact the quality of groundwater and/or storm water runoff to the storm water conveyance system and/or receiving water bodies? *The project is intended to improve the water quality in the receiving water body (Basin D). However, by diverting additional runoff to Basins C and E, water quality in those basins might be adversely affected.*
d.	☐	☒	☐	Could the project's post-development activities potentially degrade the quality of storm water runoff and/or could post-development non-storm water discharges contribute potential pollutants to the storm water conveyance system and/or receiving bodies? *The project would not degrade the quality of storm water run off. However, following the project, the quantity of the water discharged to Basins C and E may be increased.*
e.	☐	☐	☐	Other factors? _____

STANDARD MITIGATION MEASURES

☐ Industrial Waste Permit ☒ Health Code Ordinance No. 7583, Chapter 5

☐ Plumbing Code Ordinance No. 2269 ☒ NPDES Permit CAS614001 Compliance (DPW)

OTHER CONSIDERATIONS/MITIGATIONS

☐ Lot Size ☐ Project Design

The project proponent shall monitor water quality at Basins C and E at the points of discharge to verify that the redirected discharges are not substantially degrading the water quality in these water bodies, resulting in an increase in water quality standard violations. If water quality standards are violated, remedial action shall be taken.

CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on, or be impacted by, **water quality** problems?

☐ Potentially significant ☒ Less than significant with project mitigation ☐ Less than significant/No impact

RESOURCES - 2. Air Quality

SETTING/IMPACTS

	Yes	No	Maybe	
a.	☐	☒	☐	Will the proposed project exceed the State's criteria for regional significance (generally (a) 500 dwelling units for residential uses or (b) 40 gross acres, 650,000 square feet of floor area or 1,000 employees for nonresidential uses)?

The project consists of redirecting stormwater and run off drainage and two floating platforms with submerged water circulators.

b.	☐	☒	☐	Is the proposal considered a sensitive use (schools, hospitals, parks) and located near a freeway or heavy industrial use?

The project is not considered a sensitive use, and is not located near a freeway or industrial use.

c.	☐	☒	☐	Will the project increase local emissions to a significant extent due to increased traffic congestion or use of a parking structure, or exceed AQMD thresholds of potential significance per Screening Tables of the CEQA Air Quality Handbook?

The project is not anticipated to increase local traffic or emissions.

d.	☐	☒	☐	Will the project generate or is the site in close proximity to sources which create obnoxious odors, dust, and/or hazardous emissions?

The project will not generate substantial quantities of, nor would it be affected by, odors, dust, or other emissions.

e.	☐	☒	☐	Would the project conflict with or obstruct implementation of the applicable air quality plan?

The project would not have any impact on the applicable air quality plan.

f.	☐	☒	☐	Would the project violate any air quality standard or contribute substantially to an existing or projected air quality violation?

The project would not result in or contribute to air quality violations.

g.	☐	☒	☐	Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?

The project would not generate traffic or add a new source of air emissions.

h.	☐	☐	☐	Other factors: _____

STANDARD MITIGATION MEASURES

☐ Health and Safety Code Section 40506

OTHER CONSIDERATIONS/MITIGATIONS

☐ Project Design ☐ Air Quality Report

CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on, or be impacted by, **air quality**?

☐ Potentially significant ☐ Less than significant with project mitigation ☒ Less than significant/No impact

RESOURCES - 3. Biota

SETTING/IMPACTS

	Yes	No	Maybe	
a.	☐	☒	☐	Is the project site located within a Significant Ecological Area (SEA), SEA Buffer, or coastal Sensitive Environmental Resource (ESHA, etc.), or is the site relatively undisturbed and natural?

The aquatic and shoreline ecosystems provide habitat for a variety of fish, birds, and marine organisms; however, the harbor and beach area are man-made. The project would not result in extensive modifications to or destruction of this habitat. The project area is not designated as an area of special ecological significance.

b.	☐	☒	☐	Will grading, fire clearance, or flood related improvements remove substantial natural habitat areas?

The project does not propose to remove any habitat areas.

c.	☐	☒	☐	Is a major drainage course, as identified on USGS quad sheets by a blue, dashed line, located on the project site?

No major drainage courses are located on the project site. Part 2 of the project is located in open water. No adverse modifications to habitat are proposed.

d.	☐	☐	☒	Does the project site contain a major riparian or other sensitive habitat (e.g., coastal sage scrub, oak woodland, sycamore riparian woodland, wetland, etc.)?

The project site contains aquatic habitat, suitable for fish, birds, and various forms of marine life; however, no adverse modifications to this habitat are proposed, and no sensitive wetlands (e.g., salt marsh habitat) would be affected. The project area is not designated as an area of special ecological significance.

e.	☐	☒	☐	Does the project site contain oak or other unique native trees (specify kinds of trees)?

The project site contains some non-native ornamental trees and landscaped areas, which would not be adversely impacted by the project.

f.	☒	☐	☐	Is the project site habitat for any known sensitive species (federal or state listed endangered, etc.)?

The California brown pelican (Pelicanus occidentalis californicus) and California least tern (Sterna antellarum browni) are known to forage in the area. The project will not affect foraging or nesting habitat.

g.	☐	☐	☐	Other factors (e.g., wildlife corridor, adjacent open space linkage)? _____

MITIGATION MEASURES/OTHER CONSIDERATIONS

☐ Lot Size ☐ Project Design ☐ Oak Tree Permit ☐ ERB/SEATAC Review

The water circulators for Part 2 of the project would be enclosed in cage and would operate at low revolutions-per-minute to avoid mortality to aquatic organisms. The floating platform may be used by local birds and sea mammals as a resting area, and would not result in adverse effects.

CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on **biotic resources**?

☐ Potentially significant ☐ Less than significant with project mitigation ☒ Less than significant/No impact

RESOURCES - 4. Archaeological / Historical / Paleontological

SETTING/IMPACTS

	Yes	No	Maybe	
a.	☐	☐	☒	Is the project site in or near an area containing known archaeological resources or containing features (drainage course, spring, knoll, rock outcroppings, or oak trees) which indicate potential archaeological sensitivity?

The project is located in a region which may support archaeological resources. However, as indicated in the Marina del Rey LCP, previously developed areas are unlikely to contain significant resources. The disturbance would be limited to open water or currently urban uses such as parking lots, streets, and urban landscaping.

b.	☐	☐	☒	Does the project site contain rock formations indicating potential paleontological resources?

The project is located in a region which may support paleontological resources. However, as indicated in the Marina del Rey LCP, previously developed areas are unlikely to contain significant resources.

c.	☐	☒	☐	Does the project site contain known historic structures or sites?

The project area does not contain known historic structures or sites.

d.	☐	☒	☐	Would the project cause a substantial adverse change in the significance of a historical or archaeological resource as defined in 15064.5?

The project would entail minimal excavation and construction, and would not result in any changes to historical or archaeological resources.

e.	☐	☒	☐	Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

The project would entail minimal excavation and construction, and not destroy any geologic or paleontological features.

f.	☐	☐	☐	Other factors? _____

MITIGATION MEASURES/OTHER CONSIDERATIONS

☐ Lot Size ☐ Project Design ☐ Phase I Archaeology Report

CONCLUSION

Considering the above information, could the project leave a significant impact (individually or cumulatively) on **archaeological, historical**, or **paleontological** resources?

☐ Potentially significant ☐ Less than significant with project mitigation ☒ Less than significant/No impact

RESOURCES - 5.Mineral Resources

SETTING/IMPACTS

	Yes	No	Maybe	
a.	☐	☒	☐	Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?

The project would not cause the loss of or any other change to any known mineral resources.

b.	☐	☒	☐	Would the project result in the loss of availability of a locally important mineral resource discovery site delineated on a local general plan, specific plan or other land use plan?

The project would not cause the loss of or any other change to any known mineral resources.

c. ☐ ☐ ☐ Other factors? _____

MITIGATION MEASURES/OTHER CONSIDERATIONS

☐ Lot Size ☐ Project Design

_____

_____

_____

_____

_____

_____

_____

_____

CONCLUSION

Considering the above information, could the project leave a significant impact (individually or cumulatively) on **mineral** resources?

☐ Potentially significant ☐ Less than significant with project mitigation ☒ Less than significant/No impact

RESOURCES - 6. Agriculture Resources

SETTING/IMPACTS

	Yes	No	Maybe	
a.	☐	☒	☐	Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

The project would not affect any farmland. There is no farmland in the vicinity.

b.	☐	☒	☐	Would the project conflict with existing zoning for agricultural use, or a Williamson Act contract?

The project would not conflict with agricultural zoning or a Williamson Act contract.

c.	☐	☒	☐	Would the project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?

The project would not result in physical changes that would convert farmland to other uses.

d.	☐	☐	☐	Other factors? _____

MITIGATION MEASURES/OTHER CONSIDERATIONS

☐ Lot Size ☐ Project Design

CONCLUSION

Considering the above information, could the project leave a significant impact (individually or cumulatively) on **agriculture** resources?

☐ Potentially significant ☐ Less than significant with project mitigation ☒ Less than significant/No impact

RESOURCES - 7. Visual Qualities

SETTING/IMPACTS

	Yes	No	Maybe	
a.	☐	☒	☐	Is the project site substantially visible from or will it obstruct views along a scenic highway (as shown on the Scenic Highway Element), or is it located within a scenic corridor or will it otherwise impact the viewshed?

The project would be of minimal height and would not obstruct views or substantially impact the viewshed. Development is generally located under existing developed areas such as parking lots, streets, and urban landscaping, or on open water.

b.	☐	☒	☐	Is the project substantially visible from or will it obstruct views from a regional riding or hiking trail?

Part 1 of the project will not be visible once construction is complete. Part 2 of the project will be visible from the slips and shores of the Marina, but will not be out of character with the existing uses.

c.	☐	☒	☐	Is the project site located in an undeveloped or undisturbed area, which contains unique aesthetic features? *The project is in an area that has been extensively developed and modified.*

d.	☐	☒	☐	Is the proposed use out-of-character in comparison to adjacent uses because of height, bulk, or other features?

Part 1 of the project will consist of additional drainage pipes and similar features, and will not be out of character. The Marina is used for a variety of aquatic purposes, including boat storage. The two additional floating platforms for Part 2 of the project would not modify the area substantially or be out of character.

e.	☐	☒	☐	Is the project likely to create substantial sun shadow, light or glare problems?

The project will not result in substantial shadow or introduce new light sources.

f.	☐	☐	☐	Other factors (e.g., grading or land form alteration): _____

MITIGATION MEASURES/OTHER CONSIDERATIONS

☐ Lot Size ☐ Project Design ☐ Visual Report ☒ Compatible Use

CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on **scenic** qualities?

☐ Potentially significant ☐ Less than significant with project mitigation ☒ Less than significant/No impact

SERVICES - 1. Traffic/Access

SETTING/IMPACTS

	Yes	No	Maybe	
a.	☐	☒	☐	Does the project contain 25 dwelling units, or more and is it located in an area with known congestion problems (mid-block or intersections)?
				The project does not involve the construction of dwelling units.
b.	☐	☒	☐	Will the project result in any hazardous traffic conditions?
				The project will not modify traffic patterns.
c.	☐	☒	☐	Will the project result in parking problems with a subsequent impact on traffic conditions?
				The project will not increase parking demand.
d.	☐	☒	☐	Will inadequate access during an emergency (other than fire hazards) result in problems for emergency vehicles or residents/employees in the area?
				The project will not interfere with emergency access, and will not require such access.
e.	☐	☒	☐	Will the congestion management program (CMP) Transportation Impact Analysis thresholds of 50 peak hour vehicles added by project traffic to a CMP highway system intersection or 150 peak hour trips added by project traffic to a mainline freeway link be exceeded?
				The project will not generate more than 50 peak hour vehicles.
f.	☐	☒	☐	Would the project conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?
				The project would have no effect on alternative transportation.
g.	☐	☐	☐	Other factors? _____

MITIGATION MEASURES/OTHER CONSIDERATIONS

☐ Project Design ☐ Traffic Report ☐ Consultation with Traffic & Lighting Division

CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on the physical environment due to **traffic/access** factors?

☐ Potentially significant ☐ Less than significant with project mitigation ☒ Less than significant/No impact

SERVICES - 2. Sewage Disposal

SETTING/IMPACTS

	Yes	No	Maybe	
a.	☐	☒	☐	If served by a community sewage system, could the project create capacity problems at the treatment plant?

The project will not generate wastewater and will not be served by a sewage system.

b.	☐	☒	☐	Could the project create capacity problems in the sewer lines serving the project site?

The project will not affect capacity in local sewer lines.

c.	☐	☐	☐	Other factors?

STANDARD MITIGATION MEASURES

☐ Sanitary Sewers and Industrial Waste Ordinance No. 6130

☐ Plumbing Code Ordinance No. 2269

OTHER CONSIDERATIONS/MITIGATIONS

CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on the physical environment due to **sewage disposal** facilities?

☐ Potentially significant ☐ Less than significant with project mitigation ☒ Less than significant/No impact

SERVICES - 3. Education

SETTING/IMPACTS

	Yes	No	Maybe	
a.	☐	☒	☐	Could the project create capacity problems at the district level?

The project will not increase population or demand for educational services.

b.	☐	☒	☐	Could the project create capacity problems at individual schools which will serve the project site?

The project will not increase population or demand at individual schools.

c.	☐	☒	☐	Could the project create student transportation problems?

The project will not interfere with student transportation.

d.	☐	☒	☐	Could the project create substantial library impacts due to increased population and demand?

The project will not increase population or library demand.

e.	☐	☐	☐	Other factors? _____

MITIGATION MEASURES/OTHER CONSIDERATIONS

☐ Site Dedication ☐ Government Code Section 65995 ☐ Library Facilities Mitigation Fee

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CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) relative to **educational** facilities/services?

☐ Potentially significant ☐ Less than significant with project mitigation ☒ Less than significant/No impact

SERVICES - 4. Fire/Sheriff Services

SETTING/IMPACTS

	Yes	No	Maybe	
a.	☐	☒	☐	Could the project create staffing or response time problems at the fire station or sheriff's substation serving the project site?

The project will not create any new structure requiring fire protection.

b.	☐	☒	☐	Are there any special fire or law enforcement problems associated with the project or the general area?

The project is located on a developed area and would not pose any fire hazard.

c.	☐	☐	☐	Other factors? _____

MITIGATION MEASURES/OTHER CONSIDERATIONS

☐ Fire Mitigation Fees

CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) relative to **fire/sheriff** services?

☐ Potentially significant ☐ Less than significant with project mitigation ☒ Less than significant/No impact

SERVICES - 5. Utilities/Other Services

SETTING/IMPACTS

	Yes	No	Maybe	
a.	☐	☒	☐	Is the project site in an area known to have an inadequate public water supply to meet domestic needs or to have an inadequate ground water supply and proposes water wells?
				The project will not increase water demand or utilize ground water.
b.	☐	☒	☐	Is the project site in an area known to have an inadequate water supply and/or pressure to meet fire fighting needs?
				The project will not require additional water or affect the supply of water for fire fighting.
c.	☐	☒	☐	Could the project create problems with providing utility services, such as electricity, gas, or propane?
				The project will not affect utility services.
d.	☐	☒	☐	Are there any other known service problem areas (e.g., solid waste)?
				The project will not generate solid waste.
e.	☐	☒	☐	Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services or facilities (e.g., fire protection, police protection, schools, parks, roads)?
				The project will not require the provision of new or altered governmental facilities.
f.	☐	☐	☐	Other factors? _____

STANDARD MITIGATION MEASURES

☐ Plumbing Code Ordinance No. 2269 ☐ Water Code Ordinance No. 7834

OTHER CONSIDERATIONS/MITIGATIONS

☐ Lot Size ☐ Project Design

CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) relative to **utilities/services**?

☐ Potentially significant ☐ Less than significant with project mitigation ☒ Less than significant/No impact

OTHER FACTORS - 1. General

SETTING/IMPACTS

	Yes	No	Maybe	
a.	☐	☒	☐	Will the project result in an inefficient use of energy resources?

Part 1 of the project will not require energy resources once construction is complete. The circulators for Part 2 will require a small amount of energy to operate. The water circulators are energy-efficient, and require less energy than other pump systems, such as dry-mounted pumps.

b.	☐	☒	☐	Will the project result in a major change in the patterns, scale, or character of the general area or community?

The project will not change the patterns, scale, or character of the community.

c.	☐	☒	☐	Will the project result in a significant reduction in the amount of agricultural land?

The project will not affect agricultural land.

d.	☐	☐	☐	Other factors?

STANDARD MITIGATION MEASURES

☐ State Administrative Code, Title 24, Part 5, T-20 (Energy Conservation)

OTHER CONSIDERATIONS/MITIGATIONS

☐ Lot size ☐ Project Design ☐ Compatible Use

CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on the physical environment due to any of the above factors?

☐ Potentially significant ☐ Less than significant with project mitigation ☒ Less than significant/No impact

OTHER FACTORS - 2. Environmental Safety

SETTING/IMPACTS

	Yes	No	Maybe	
a.	☐	☒	☐	Are any hazardous materials used, transported, produced, handled, or stored on-site?
				The project would not require the use, transport, production, or storage of hazardous materials.
b.	☐	☒	☐	Are any pressurized tanks to be used or any hazardous wastes stored on-site?
				No pressurized tanks would be used.
c.	☐	☒	☐	Are any residential units, schools, or hospitals located within 500 feet and potentially adversely affected?
				The project would have no effect on residential units, schools, or hospitals in the area.
d.	☐	☒	☐	Have there been previous uses which indicate residual soil toxicity of the site?
				The Marina del Rey LCP does not indicate the presence of residual soil toxicity.
e.	☐	☒	☐	Would the project create a significant hazard to the public or the environment involving the accidental release of hazardous materials into the environment?
				The project would not be at risk of releasing hazardous materials.
f.	☐	☒	☐	Would the project emit hazardous emissions or handle hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?
				The project will not emit or handle hazardous materials or substances.
g.	☐	☒	☐	Would the project be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would create a significant hazard to the public or environment?
				The project is not located on such a site, and will not create a significant hazard.
h.	☐	☒	☐	Would the project result in a safety hazard for people in a project area located within an airport land use plan, within two miles of a public or public use airport, or within the vicinity of a private airstrip?
				The project will not interfere with airport safety.
i.	☐	☒	☐	Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?
				The project will not affect any emergency response or evacuation plan.
j.	☐	☐	☐	Other factors? _____

MITIGATION MEASURES/OTHER CONSIDERATIONS

☐ Toxic Clean up Plan

CONCLUSION

Considering the above information, could the project have a significant impact relative to **public safety**?

☐ Potentially significant ☐ Less than significant with project mitigation ☒ Less than significant/No impact

OTHER FACTORS - 3. Land Use

SETTING/IMPACTS

	Yes	No	Maybe	
a.	☐	☒	☐	Can the project be found to be inconsistent with the plan designation(s) of the subject property?
				The project is in conformance with plan designations (specific plan).
b.	☐	☒	☐	Can the project be found to be inconsistent with the zoning designation of the subject property?
				The project is in conformance with the zoning designations and would not modify land use.
c.				Can the project be found to be inconsistent with the following applicable land use criteria:
	☐	☒	☐	Hillside Management Criteria?
	☐	☒	☐	SEA Conformance Criteria?
	☐	☒	☐	Other? *Marina Del Rey LUP/LIP (Local Coastal Program)*
d.	☐	☒	☐	Would the project physically divide an established community?
				The project would not divide the community.
e.	☐	☐	☐	Other factors?

MITIGATION MEASURES/OTHER CONSIDERATIONS

CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on the physical environment due to **land use** factors?

☐ Potentially significant ☐ Less than significant with project mitigation ☒ Less than significant/No impact

OTHER FACTORS - 4. Population/Housing/Employment/Recreation

SETTING/IMPACTS

	Yes	No	Maybe	
a.	☐	☒	☐	Could the project cumulatively exceed official regional or local population projections?
				The project will not increase population.
b.	☐	☒	☐	Could the project induce substantial direct or indirect growth in an area (e.g., through projects in an undeveloped area or extension of major infrastructure)?
				The project will not induce growth.
c.	☐	☒	☐	Could the project displace existing housing, especially affordable housing?
				The project will not displace housing.
d.	☐	☒	☐	Could the project result in a substantial job/housing imbalance or substantial increase in Vehicle Miles Traveled (VMT)?
				The project will not create or eliminate jobs or housing.
e.	☐	☒	☐	Could the project require new or expanded recreational facilities for future residents?
				The project will not create a need for new or expanded recreation facilities.
f.	☐	☒	☐	Would the project displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?
				The project will not displace people or housing.
g.	☐	☐	☐	Other factors?

MITIGATION MEASURES/OTHER CONSIDERATIONS

CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on the physical environment due to **population, housing, employment**, or **recreational** factors?

☐ Potentially significant ☐ Less than significant with project mitigation ☒ Less than significant/No impact

MANDATORY FINDINGS OF SIGNIFICANCE

Based on this Initial Study, the following findings are made:

	Yes	No	Maybe	
a.	☐	☒	☐	Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?

The project will not remove or degrade habitat, or cause substantial adverse impacts to local fish or wildlife species. The project is not anticipated to have an adverse effect on the listed California brown pelican or California least tern, which are known to forage in the area. The project would not affect any historical or prehistoric resources.

b.	☐	☒	☐	Does the project have possible environmental effects which are individually limited but cumulatively considerable? "Cumulatively considerable" means that the incremental effects of an individual project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.

The project would not have any cumulatively considerable effects. The project will not contribute to local air emissions, noise, population increase, or traffic. The project is intended to address the chronic bacterial contamination at Marina Beach.

c.	☐	☒	☐	Will the environmental effects of the project cause substantial adverse effects on human beings, either directly or indirectly?

The project would not have substantial adverse effects on human beings.

CONCLUSION

Considering the above information, could the project have a significant impact (individually or cumulatively) on the environment?

☐ Potentially significant ☐ Less than significant with project mitigation ☒ Less than significant/No impact

REFERENCES

California Regional Water Quality Control Board, Los Angeles Region 4 (LARWQCB). 2003. Amendment to the Water Quality Control Plan - Los Angeles Region to Incorporate the Marina del Rey Harbor, Mothers' Beach, and Back Basins Bacteria TMDL. August 2003.

County of Los Angeles Department of Regional Planning. 1996. Marina del Rey Land Use Plan – a component of the Los Angeles County Local Coastal Program. Certified by the California Coastal Commission February 8, 1996.

County of Los Angeles. 1993. County of Los Angeles General Plan. January 1993.

Attachment B

RESOLUTION OF THE LOS ANGELES COUNTY BOARD OF SUPERVISORS

AUTHORIZING THE APPLICATION FOR THE REMAINDER OF THE

CLEAN BEACHES, PROPOSITION 13,

COASTAL NONPOINT SOURCE PROGRAM GRANT

IN THE AMOUNT OF $1,750,000 ADMINISTERED BY

THE STATE WATER RESOURCES CONTROL BAORD

FOR PHASE II OF THE

MARINA BEACH WATER QUALITY IMPROVEMENT PROJECT

WHEREAS, the people of the State of California have enacted Proposition 13 (2000 Water Bond Act) to support safe drinking, water quality, flood protection and water reliability projects throughout the State; and

WHEREAS, the Governor's signed Budget Act of 2001 provided that Proposition 13 grants be made available to fund Clean Beaches Initiative Projects, including the Marina Beach Water Quality Improvement Project; and

WHEREAS, the State Water Resources Control Board has been delegated the responsibility for the administration of the Clean Beaches, Proposition 13, Coastal Nonpoint Source Program;

NOW, THEREFORE, BE IT RESOLVED, that the Los Angeles County Board of Supervisors hereby agrees to approve the application for a Clean Beaches, Proposition 13, Coastal Nonpoint Source Program Grant administered by the State Water Resources Control Board in the amount of $1,750,000 for Phase II of the Marina Beach Water Quality Improvement Project; and

BE IT FURTHER RESOLVED that the Los Angeles County Board of Supervisors appoints Stan Wisniewski, Director of the Department of Beaches and Harbors, or his representative, to conduct all negotiations, execute and submit all documents, including but not limited to applications, agreements, amendments, payment requests and so on, which may be necessary for the completion of the aforementioned project; and

BE IT FURTHER RESOLVED that the Department of Beaches and Harbors hereby agrees and further does authorize the aforementioned

representative or his/her designee to certify that the Department has and will comply with all applicable State statutory and regulatory requirements related to any State grants received.

The foregoing Resolution was on the _____th day _____, 2004 adopted by the Board of Supervisors of the County of Los Angeles, and ex officio the governing body of all other special assessment and taxing districts, agencies and authorities for which said Board so acts.

Violet Varona-Lukens, Executive Officer-
Clerk of the Board of Supervisors of
the County of Los Angeles.

By:_____
Deputy

APPROVED AS TO FORM
BY COUNTY COUNSEL

LLOYD W. PELLMAN

By:_____
Deputy

Attachment C

MARINA DEL REY WATER QUALITY IMPROVEMENT PROJECT

I - PROJECT BUDGET SUMMARY

Budget Category	Storm Drain (Part I)	Circulation (Part 2)	Total Project Budget
Plans and Specifications (Consultant)	$69,776	$11,871	$81,647
Design Contingency (Consultant)	$12,978		$12,978
Total Plans and Specifications	$82,754	$11,871	$94,625
Plan Check Fee	$20,000	$2,000	$22,000
Construction	$1,162,940	$197,852	$1,360,791
Change Order Contingency	$116,294		$116,294
Equipment/ Utility Contingency	$50,000		$50,000
Unforeseen Site Conditions	$50,000		$50,000
Total Construction	$1,379,234	$197,852	$1,577,085
Other Consultant Services (Survey /Geotechnical)	$60,000	$32,300	$92,300
Construction Support Services (Consultant)	$110,339	$15,828	$126,167
County Services	$150,000	$30,000	$180,000
Total	**$1,802,327**	**$289,851**	**$2,092,177**

II - PROJECT SCHEDULE

Project Category	Project Schedule
Board Authorizes Grant Application	2/24/2004
Board Certifies CEQA Document	2/24/2004
State Awards Grant	6/30/2004
Award Design Contract	8/1/2004
Execute Design Contract	8/15/2004
Schematic Design	10/18/2004
Design Development	1/25/2005
Construction Documents	2/25/2005
Jurisdictional Approvals	5/15/2005
Construction Award	7/18/2005
Construction Start	8/15/2005
Substantial Completion	6/15/2006
Final Acceptance	7/16/2006

Attachment D

Note: This document can be downloaded and saved as a Microsoft Word document.

Grants Manual-Appendix 1

Los Angeles County Chief Administrative Office

Grant Management Statement for Grants $100,000 or More

Department: Beaches and Harbors

Grant Project Title and Description

Marina Beach Water Quality Improvement Project

Funding Agency	**Program** (Fed. Grant #/State Bill or Code #)	**Grant Acceptance Deadline**
State Water Resources Control Board	Clean Beaches, Proposition 13 Nonpoint Source Progam Grant	6/30/04

Total Amount of Grant Funding: $1,750,000	**County Match:** $350,000	
Grant Period:	**Begin Date:** 6/30/04	**End Date:** 6/30/06
Number of Personnel Hired Under This Grant:	**Full Time:** 0	**Part Time:** 0

Obligations Imposed on the County When the Grant Expires

Will all personnel hired for this program be informed this is a grant-funded program?	Yes___	No n/a
Will all personnel hired for this program be placed on temporary ("N") items?	Yes___	No n/a
Is the County obligated to continue this program after the grant expires?	Yes___	No n/a
If the County is not obligated to continue this program after the grant expires, the Department will:		n/a
a.) Absorb the program cost without reducing other services	Yes___	No n/a
b.) Identify other revenue sources (describe below) _____	Yes___	No n/a
c.) Eliminate or reduce, as appropriate, positions/program costs funded by the grant.	Yes___	No n/a

Impact of additional personnel on existing space:

n/a

Other requirements not mentioned above:

n/a

Department Head Signature Stan Wisniewski

Date: 2/18/04

CAPITAL PROJECT OPERATING COST ESTIMATE - ONE-TIME COSTS

Department: Beaches and Harbors
Facility: Marina Beach Water Quality Improvement Project
Address: 4101 Admiralty Way
Marina del Rey, CA 90292
Opening Date: 6/15/2006

Cost Description	Quantity	Unit Cost	Total Cost
I. ONE-TIME START-UP COSTS			
A. Fixed Assets - Equipment			
a. Agricultural and Landscaping Equipment	0	$ 0	$ 0
b. Aircraft	0	0	0
c. Communication Equipment	0	0	0
d. Computer and Data Processing Equipment	0	0	0
e. Construction and Heavy Maintenance Equipment	0	0	0
f. Electronic Equipment	0	0	0
g. Food Preparation Equipment	0	0	0
h. Heavy Machinery	0	0	0
i. Major Office Equipment	0	0	0
j. Manufactured or Prefabricated Structures	0	0	0
k. Medical Equipment	0	0	0
l. Non-Medical Laboratory Equipment	0	0	0
m. Recreation Equipment	0	0	0
n. Vehicles - Automobiles	0	0	0
o. Vehicles - Buses	0	0	0
p. Vehicles - Heavy Trucks and Tractors	0	0	0
q. Watercraft	0	0	0
r. Other	0	0	0
Subtotal	0	$ 0	$ 0
B. Services and Supplies			
a. Computer Equipment - Desktop	0	$ 0	$ 0
b. Computer Software	0	0	0
c. Medical Supplies	0	0	0
d. Office Furnishings	0	0	0
e. Recreation Equipment	0	0	0
f. Relocation Costs	0	0	0
g. Training Costs	0	0	0
h. Other	0	0	0
Subtotal	0	$ 0	$ 0
TOTAL ONE-TIME START-UP COSTS	0	$ 0	$ 0

CAPITAL PROJECT OPERATING COST ESTIMATE - ONGOING COSTS

Department: Beaches and Harbors
Facility: Marina Beach Water Quality Improvement Project
Address: 4101 Admiralty Way
Marina del Rey, CA 90292
Opening Date: 6/15/2006

Cost Description	Quantity	Unit Cost	Total Cost
II. ONGOING OPERATING COSTS			
A. Salaries and Employee Benefits			
a. Position A	0	$ 0	$ 0
b. Position B	0	0	0
c. Position C	0	0	0
Subtotal	0	$ 0	$ 0
B. Services and Supplies			
a. Clothing and Personal Supplies	0	$ 0	$ 0
b. Communications	0	0	0
c. Household Expense	0	0	0
d. Information Technology Services	0	0	0
e. Insurance	0	0	0
f. Maintenance - Building	0	0	0
g. Maintenance - Equipment	0	0	0
h. Medical, Dental, Laboratory Supplies	0	0	0
i. Office Expense - Supplies	0	0	0
j. Recreation Supplies	0	0	0
k. Rents & Leases - Building	0	0	0
l. Rents & Leases - Equipment	0	0	0
m. Small Tools and Instruments	0	0	0
n. Telecommunications	0	0	0
o. Utilities	0	0	0
p. Other	0	0	0
Subtotal	0	$ 0	$ 0
TOTAL ONGOING OPERATING COSTS	0	$ 0	$ 0

CAPITAL PROJECT OPERATING COST ESTIMATE - POTENTIAL FUNDING SOURCES

Department: Beaches and Harbors
Facility: Marina Beach Water Quality Improvement Project
Opening Date: 6/15/06

A.	**Potential Funding Available for One-Time Start-Up Costs**	
	a. Potential Operating Grants	
	Amount of Annual Funding	$ 0
	Funding Agency	
	Program	
	Grant Timeframe	
	Funding Restrictions	
	b. Other Potential Revenue Sources	
	Amount of Potential Funding	$ 0
	Revenue Source	
	Program	
	Total Potential Funding for One-Time Start-up Costs	$ 0
	Projected Net County Cost Required to Fund One-Time Start-Up Costs	$ 0
B.	**Potential Funding for Ongoing Operational Costs**	
	a. Currently Budgeted Positions	
	Reallocation of Currently Filled Positions	$ 0
	Vacant Positions - Current Budget	0
	Subtotal	$ 0
	b. Potential Operational Savings / Avoided Costs	
	Avoided Rent - Current Space Leases	$ 0
	Avoided Maintenance Costs - Current Budget	0
	Avoided Utility Costs - Current Budget	0
	Avoided Services and Supplies - Current Budget	0
	Other	0
	Subtotal	$ 0
	c. Potential Operating Grants	
	Amount of Annual Funding	$ 0
	Funding Agency	
	Program	
	Grant Timeframe	
	Funding Restrictions	
	d. Charges for Services and Fees	
	Annual Amount of Charge or Fee	$ 0
	Type of Charge or Fee	
	Authorization for Charge or Fee	
	e. Other Potential Revenue Sources	
	Amount of Annual Funding	$ 0
	Revenue Source	
	Program	
	Total Potential Funding for Ongoing Operating Costs	$ 0
	Projected Net County Cost Required to Fund Ongoing Operating Costs	$ 0