

**CALIFORNIA COASTAL COMMISSION**

South Coast Area Office  
200 Oceangate, 10th Floor  
Long Beach, CA 90802-4302  
(562) 590-5071

Filed: February 6, 1998  
49th Day: March 27, 1998  
180th Day: August 5, 1998  
Staff: John T. Auyong *John*  
Staff Report: February 19, 1998  
Hearing Date: March 10-13, 1998  
Commission Action:

**RECORD PACKET COPY**STAFF REPORT: REGULAR CALENDAR

APPLICATION NO.: 5-98-022

APPLICANT: City of Newport Beach AGENT: Dave Bartlett

PROJECT LOCATION: 21 1/2 Bay Island, Bay Island Bridge, and the harbor end of the alley east of Island Avenue on the Balboa Peninsula, City of Newport Beach, County of Orange

PROJECT DESCRIPTION: Demolish the existing Bay Island pump station and appertunant facilities, build a new pump station (including appertunant facilities such as a control panel structure) in a different location on Bay Island, abandon the existing sewer line connecting the existing station to the Bay Island bridge and replace it with a sewer line in a different location connecting the site of the old station with the new station, and remove and replace the sewer line on the Bay Island bridge and Balboa Peninsula. The 120 gallons per minute pump capacity will not change.

LOCAL APPROVALS RECEIVED: City of Newport Beach Approval-in-Concept 62-98

SUBSTANTIVE FILE DOCUMENTS: California Regional Water Quality Control Board, Santa Ana Region, Order No. 93-49 (NPDES No. CAG998001), as amended by Order No. 96-17; Geotechnical Investigation Report, Bay Island Sewer Improvements, prepared for the City of Newport Beach by Geomatrix Consultants, Project No. S4230 dated December 18, 1997.

SUMMARY OF STAFF RECOMMENDATION:

Staff is recommending approval of the proposed project with special conditions regarding; (1) conformance with geotechnical recommendations, (2) compliance with water quality standards, and (3) timing of construction to avoid public access impacts. It is not known at this time if the applicant will object to these conditions.

STAFF RECOMMENDATION:

The staff recommends that the Commission adopt the following resolution:

I. APPROVAL WITH CONDITIONS

The Commission hereby grants a permit, subject to the conditions below, for the proposed development on the grounds that the development, located between the nearest public roadway and the shoreline, will be in conformity with the provisions of Chapter 3 of the California Coastal Act of 1976, including the public access and recreation policies of Chapter 3, will not prejudice the ability of the local government having jurisdiction over the area to prepare a Local Coastal Program conforming to the provisions of Chapter 3 of the Coastal Act, and will not have any significant adverse impacts on the environment within the meaning of the California Environmental Quality Act.

II. STANDARD CONDITIONS.

1. Notice of Receipt and Acknowledgment. The permit is not valid and development shall not commence until a copy of the permit, signed by the permittee or authorized agent, acknowledging receipt of the permit and acceptance of the terms and conditions, is returned to the Commission office.
2. Expiration. If development has not commenced, the permit will expire two years from the date this permit is reported to the Commission. Development shall be pursued in a diligent manner and completed in a reasonable period of time. Application for extension of the permit must be made prior to the expiration date.
3. Compliance. All development must occur in strict compliance with the proposal as set forth in the application for permit, subject to any special conditions set forth below. Any deviation from the approved plans must be reviewed and approved by the staff and may require Commission approval.
4. Interpretation. Any questions of intent or interpretation of any condition will be resolved by the Executive Director or the Commission.
5. Inspections. The Commission staff shall be allowed to inspect the site and the project during its development, subject to 24-hour advance notice.
6. Assignment. The permit may be assigned to any qualified person, provided assignee files with the Commission an affidavit accepting all terms and conditions of the permit.
7. Terms and Conditions Run with the Land. These terms and conditions shall be perpetual, and it is the intention of the Commission and the permittee to bind all future owners and possessors of the subject property to the terms and conditions.

III. SPECIAL CONDITIONS.

1. Geotechnical Recommendations. Prior to issuance of the coastal development permit, the applicant shall submit, for the review and approval of the Executive Director, final revised plans. These plans shall include the signed statement of the geotechnical consultant certifying that these plans incorporate the recommendations contained in the Geotechnical Investigation Report, Bay Island Sewer Improvements, prepared for the City of Newport Beach by Geomatrix Consultants, Project No. S4230 dated December 18, 1997. The approved development shall be constructed in accordance with the final revised plans as approved by the Executive Director. Any deviations from said plans shall require an amendment to this permit or a new coastal development permit, or written concurrence from the Executive Director that the deviation is not substantial and therefore a permit amendment or new permit is not needed.
2. Water Quality. The permittee shall comply with the requirements of Order No. 93-49 (NPDES No. CAG998001), as amended by Order No. 96-17, including revised Monitoring and Report Program No. 93-49-049, issued by the California Regional Water Quality Control Board - Santa Ana Region. If Order No. 93-49 expires or is terminated prior to completion of the project, dewatering shall not occur unless, prior to the expiration or termination of the order, written evidence is submitted which demonstrates that the California Regional Water Quality Control Board - Santa Ana Region has extended the approval or re-approved the dewatering and the Executive Director has approved said written evidence. Only non-mechanized boats shall be used for construction on the bridge when done from the water. The applicant shall implement the proposed Best Management Practices.
3. Timing of Construction. Construction of the project in a manner which either; 1) temporarily eliminates the use of public parking spaces on the Balboa Peninsula, or 2) which temporarily obstructs the public's use of the harborfront sidewalk (i.e. Edgewater Avenue) on the Balboa Peninsula, shall not occur between and including the Memorial Day and Labor Day holiday weekends.

IV. FINDINGS AND DECLARATIONS

A. Project Description.

The applicant is proposing to replace the existing Bay Island pump station and associated facilities. Specifically, the applicant proposes to; 1) demolish the existing Bay Island pump station, build a new pump station in a different location on Bay Island closer to the bulkhead, 3) abandon the existing sewer line which connects the existing station to the Bay Island bridge (approximately 130 feet in length), 4) install a new sewer line which connects the site of the old station with the new station, 5) and remove and replace the sewer line on the Bay Island bridge and Balboa Peninsula (approximately 240 linear feet). The proposed pipes will be eight inch diameter vitrified clay pipes. The proposed pump station is approximately 8'x10' and buried ten feet below grade. The 120 gallons per minute pump capacity will not change.

Except for an 8 foot long, 3 foot wide and 8 foot high building housing the pump station control panel, all proposed development will be underground. The applicant is also proposing structural Best Management Practices for water quality purposes during construction. (see Exhibit C) Most of the proposed work on the bridge will occur from the top of the bridge. Only non-mechanized boats are proposed by the applicant to be used for bridge work which has to occur from the water. The applicant is also proposing not to undertake construction during the summer.

B. Chapter 3 Policies Issues.

1. Geotechnical Recommendations.

Section 30253 of the Coastal Act states, in relevant part:

New development shall:

- (1) Minimize risks to life and property in areas of high geologic, flood, and fire hazard.
- (2) Assure stability and structural integrity, and neither create nor contribute significantly to erosion, geologic instability, or destruction of the site or surrounding area or in any way require the construction of protective devices that would substantially alter natural landforms along bluffs and cliffs.

The proposed development involves the construction of a subterranean pump station near a bulkhead on Bay Island in Newport Harbor. Excavation for subterranean development near a bulkhead has the potential to result in loss of lateral support for the bulkhead. Failure of the bulkhead would result in the harbor waters flooding the site and also loss of lateral support for adjacent residences and other structures, resulting in the collapse of those structures. Also, subterranean construction on the islands in Newport Harbor means development is located below the water table. The high groundwater level means the proposed pump station would be subject to pressure to be uplifted (i.e., the water would cause it to float rather than stay buried), which would also affect structural stability and integrity.

Therefore, to assure structural integrity and stability, the Commission finds that the proposed project must be constructed in accordance with the recommendations contained in the geotechnical report prepared for the proposed project ("Geotechnical Investigation Report" for the Bay Island Sewer Improvements, dated December 18, 1997, prepared by Geomatrix for the City of Newport Beach, Project No. S4230). Recommendations include; 1) that the proposed pump station be designed to resist an at-rest lateral earth pressure of 50 pounds per square foot ("psf") for walls above groundwater level and 90 psf below groundwater level, 2) use of a coefficient of friction of 0.35 with at-rest equivalent fluid pressures of 55 psf and 26 psf per foot of depth above and below the water table, respectively, to resist uplifting pressures, 3) temporary construction slopes should not exceed 15 feet deep nor be steeper than 1 1/2:1 (horizontal:vertical), and 4) the use of temporary shoring devices to maintain lateral support of the bulkhead and adjacent development.

To further ensure implementation of the geotechnical recommendations, the Commission finds that the applicant must submit final plans which have been reviewed and approved by the geotechnical consultant. Thus, as conditioned, the Commission finds that the proposed project would be consistent with Section 30253 of the Coastal Act.

2. Water Quality.

Section 30231 of the Coastal Act states:

The biological productivity and the quality of coastal waters, streams, wetlands, estuaries, and lakes appropriate to maintain optimum populations of marine organisms and for the protection of human health shall be maintained and, where feasible, restored through, among other means, minimizing adverse effects of waste water discharges and entrainment, controlling runoff, preventing depletion of ground water supplies and substantial interference with surface water flow, encouraging waste water reclamation, maintaining natural vegetation buffer areas that protect riparian habitats, and minimizing alteration of natural streams.

The proposed development includes the construction of several subterranean components that would be below the water table. The construction sites would thus have to be dewatered. Water from the construction sites would contain sediments. Discharge of sediment into Newport Harbor would have adverse water quality impacts. Sediment smothers habitat, shades habitat which requires sunlight, or prevents sight-feeding birds from seeing their prey in the water.

The applicant is proposing structural and non-structural Best Management Practices ("BMP") to control the entrance of sediment into the harbor. (see Exhibit C). The proposed BMPs include: 1) installation of sandbags to serve as temporary catch basins, 2) proper disposal of mechanical fluids from construction machinery so that the fluids do not leak into the construction runoff, 3) monitoring of construction activities, and 4) use of non-mechanized boats to undertake portions of the replacement of the sewer lines on the Bay Island bridge.

Further, the California Regional Water Quality Control Board - Santa Ana Region ("RWQCB") has issued Order No. 93-49 as amended to the City of Newport Beach for de minimus construction dewatering wastes. The order contains standards limiting pollutants which can be discharged into surface waters. The order implements the requirements of the Water Quality Control Plan for the Santa Ana Region. Order No. 93-49 was amended by Order No. 96-17. Order No. 96-17 deletes from Order No. 93-49 references to the Inland Surface Water Plan which was nullified in court and also expands the types of discharges covered by Order No. 93-49. Monitoring and Reporting Program 93-49-049, which is associated with Order No. 93-49, requires monitoring of the discharges to ensure compliance with the requirements of the order. (see Exhibit D)

However, the order expires on July 1, 1998. Further, the RWQCB has a procedure which allows the City to ask the RWQCB to terminate the coverage under the order. Therefore, the Commission finds that, in order to minimize adverse water quality impacts, dewatering of the site shall not occur beyond

the expiration or termination of the order, unless the applicant demonstrates in writing that the RWQCB has approved the continued dewatering of the site. The Commission further finds that the applicant must comply with the proposed BMPs and use of non-mechanized boats. Thus, the Commission finds that the proposed development, as conditioned, is consistent with Section 30231 of the Coastal Act.

3. Public Access.

Section 30604 of the Coastal Act states, in relevant part:

(c) Every coastal development permit issued for any development between the nearest public road and the sea or the shoreline of any body of water located within the coastal zone shall include a specific finding that the development is in conformity with the public access and public recreation policies of Chapter 3 (commencing with Section 30200).

The proposed development would be located on Bay Island (a private community), the private pedestrian bridge connecting Bay Island to the Balboa Peninsula, and on Balboa Peninsula itself. Because there is no automobile access to Bay Island, residents of Bay Island park in a private garage at the corner of Island Avenue and East Bay Avenue, one block from the foot of the Bay Island bridge. The proposed development would not interfere with the use of the garage. Thus, Bay Island residents would not lose their parking spaces during construction and be forced to use public parking as a result. The Bay Island bridge is too low to accommodate the passage of boats underneath it, so construction on the bridge would not interfere with boat navigation.

However, a portion of the proposed development is also located on the publicly accessible Balboa Peninsula near the foot of the Bay Island bridge. The proposed development involves construction adjacent to the public lateral sidewalk along Newport Harbor on the peninsula. The proposed development would also temporarily result in the loss of public on-street parking spaces on the peninsula during construction. The affected public on-street parking spaces are located three blocks inland from the beach and would be used by beachgoers during popular summer days. The applicant proposes not to undertake construction during the summer months, in accordance with the requirements of the Bay Island homeowners association. Further, the applicant also proposes not to undertake construction during weekends or holidays outside the summer months.

Because the loss of public on-street parking spaces would be temporary, the Commission finds that no adverse public access impacts would result provided the loss does not occur during prime beachgoing times. Therefore, the Commission finds that it is necessary to prohibit construction which would obstruct the public lateral sidewalk or usurp public on-street parking spaces during the peak summer season; i.e., between and including the Memorial Day and Labor Day holiday weekends. Thus, as conditioned, the Commission finds that the proposed development would be consistent with the public access and recreation policies of the Coastal Act.

4. Growth Inducement.

Section 30254 of the Coastal Act states, in relevant part:

New or expanded public works facilities shall be designed and limited to accommodate needs generated by development or uses permitted consistent with the provisions of this division . . .

The proposed project is being undertaken to increase the efficiency of the pumping capabilities of the Bay Island sewage facilities. The pump capacity would not increase. Further, Bay Island only contains 27 homes with little room for development aside from remodeling or demolition and rebuilding of existing homes. Thus, the proposed development would not induce growth inconsistent with the provisions of the Coastal Act. Therefore, the Commission finds that the proposed development is consistent with Section 30254 of the Coastal Act.

5. Visual Quality.

Section 30251 of the Coastal Act states, in relevant part:

The scenic and visual qualities of coastal areas shall be considered and protected as a resource of public importance. Permitted development shall be sited and designed to protect views to and along the ocean and scenic coastal areas, to minimize the alteration of natural land forms, to be visually compatible with the character of surrounding areas, and, where feasible, to restore and enhance visual quality in visually degraded areas.

Most of the proposed development would be underground. The pipe which crosses the Bay Island bridge would be underneath the bridge and not be highly visible. Only a small 24 square foot, 8 foot high building housing the pump station control panel would be above ground. The small size of the building and the fact that it is located on private Bay Island means that it would not block public views to and along the coast. Therefore, the Commission finds that the proposed project would be consistent with Section 30251 of the Coastal Act.

C. Local Coastal Program.

Section 30604(a) of the Coastal Act provides that the Commission shall issue a Coastal Development Permit only if the project will not prejudice the ability of the local government having jurisdiction to prepare a local coastal program ("LCP") which conforms with the Chapter Three policies of the Coastal Act.

The City of Newport Beach Land Use Plan (LUP) was originally certified on May 19, 1982. As conditioned, the proposed development is consistent with the geologic hazards, water quality, and public access policies of Chapter Three of the Coastal Act. Therefore, the Commission finds that approval of the proposed development, as conditioned, would not prejudice the City's ability to prepare a local coastal program consistent with the Chapter Three policies of the Coastal Act.

D. California Environmental Quality Act

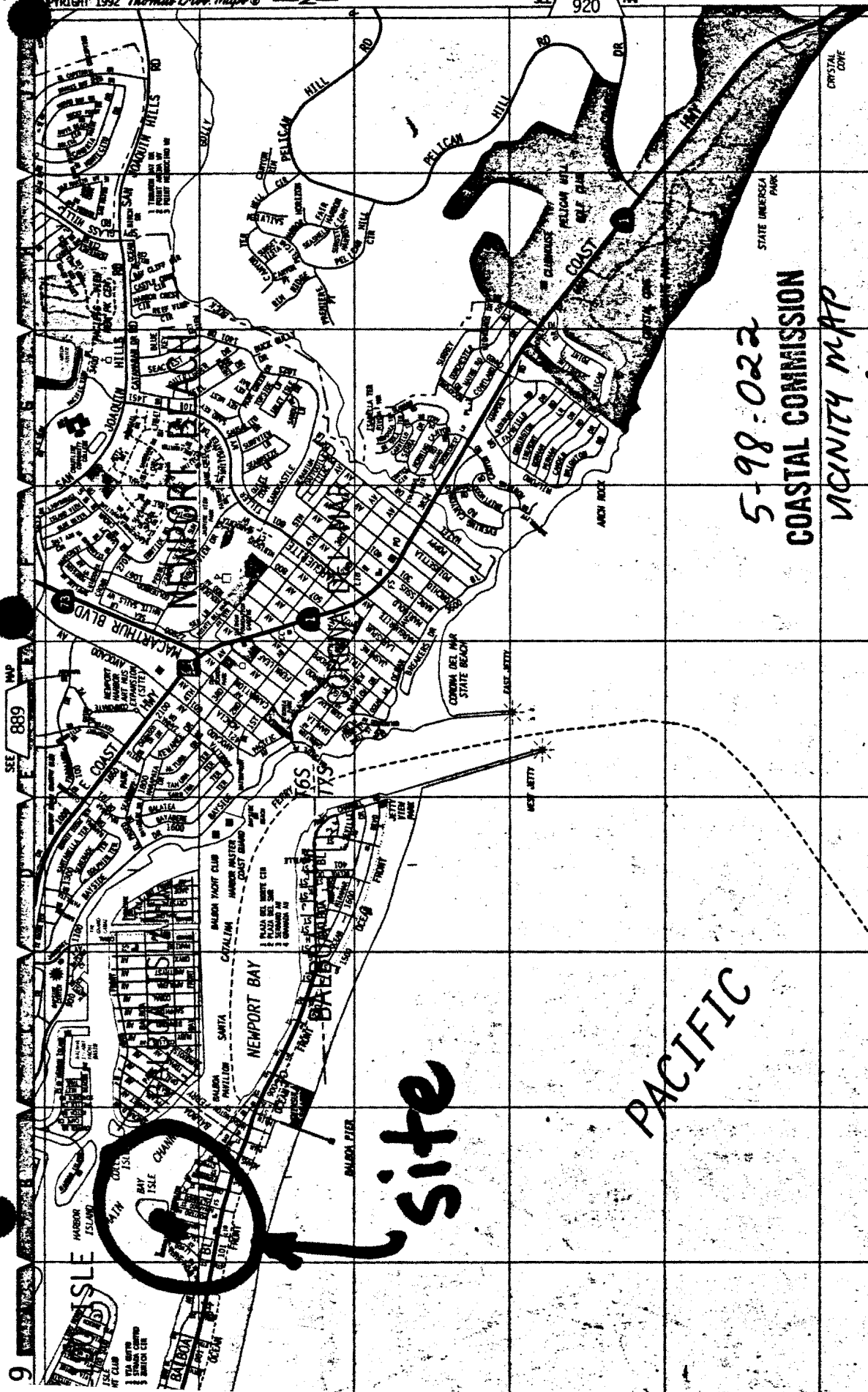
Section 13096 of Title 14 of the California Code of Regulations requires Commission approval of Coastal Development Permits to be supported by a finding showing the permit, as conditioned, to be consistent with any applicable requirements of the California Environmental Quality Act (CEQA). Section 21080.5(d)(2)(i) of CEQA prohibits a proposed development from being approved if there are feasible alternatives or feasible mitigation measures available which would substantially lessen any significant adverse impact which the activity may have on the environment.

The proposed development is located in an urban area. Development already exists on the subject site. All infrastructure necessary to serve the site exist in the area. The proposed project has been conditioned in order to be found consistent with the geologic hazards, water quality, and public access policies of Chapter Three of the Coastal Act. Mitigation measures requiring; 1) conformance with geotechnical recommendations, 2) compliance with water quality provisions, and 3) timing of construction; will minimize all significant adverse impacts.

As conditioned, there are no feasible alternatives or feasible mitigation measures available which would substantially lessen any significant adverse impact which the activity may have on the environment. Therefore, the Commission finds that the proposed project, as conditioned, can be found consistent with the requirements of the Coastal Act to conform to CEQA.

9647F:jta



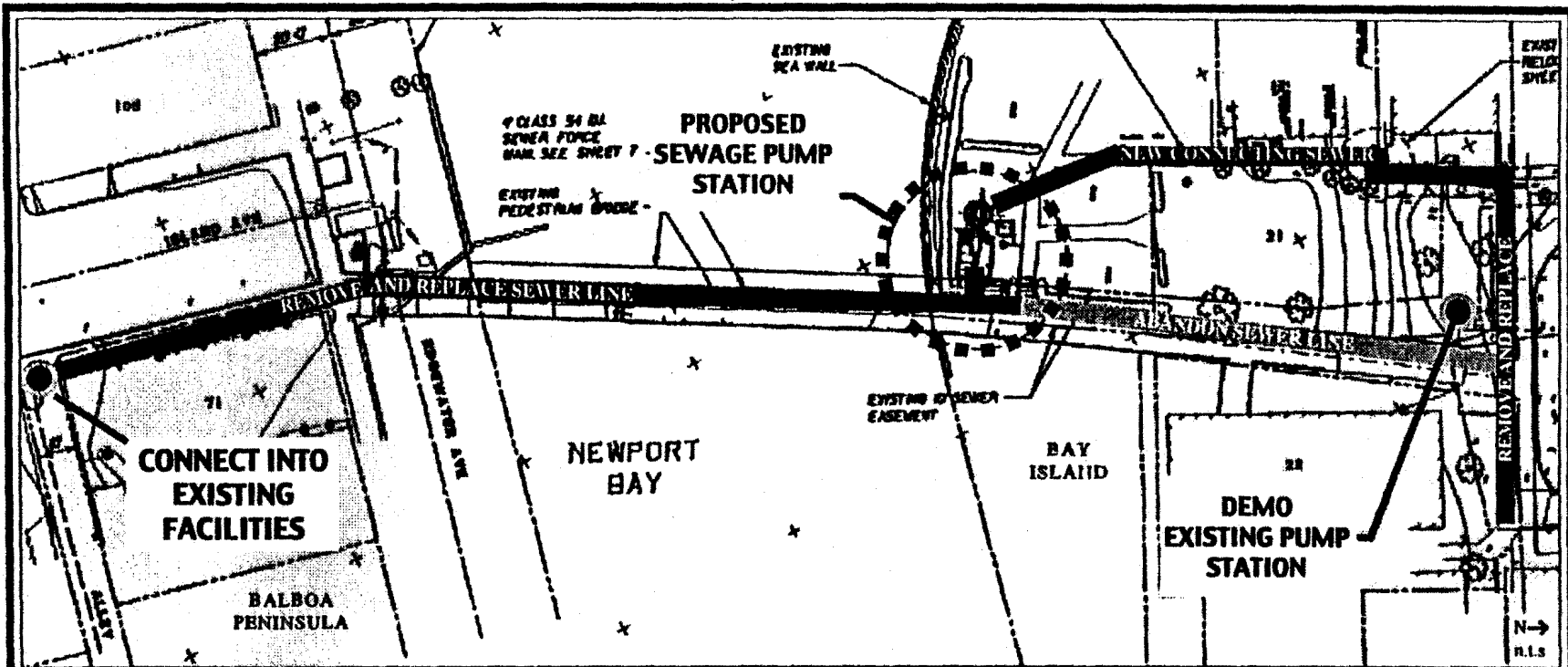


5-98-022  
COASTAL COMMISSION

VICINITY MAP

EXHIBIT # A  
PAGE 1 OF 1

5-98-022 Exhibit B p. 1 of 1



# BAY ISLAND SEWAGE PUMP STATION REPLACEMENT PROJECT

**CITY OF NEWPORT BEACH  
PUBLIC WORKS DEPARTMENT**

**REMOVE & REPLACE APPROX. 240  
L. F. SEWER LINE**

**ABANDON APPROX. 130 L. F.  
LINE**

**APPROX. 130 L. F. NEW SEWER  
LINE**

## PROJECT DESCRIPTION SUMMARY

The City of Newport Beach is proposing a public works project that includes

BEST MANAGEMENT PRACTICES  
FOR THE CITY OF NEWPORT BEACH  
BAY ISLAND WASTEWATER PUMP STATION

Best Management Practices (BMP's) will be implemented with the construction of the above referenced project. BMP's are defined by the General Permit as "schedule of activities, prohibitions of practices, maintenance procedures and other management practices to prevent or reduce the pollution of the waters of the United States. BMP's also include treatment requirements, operating procedures, and practices to control site runoff, spillage or leaks, waste disposal or drainage from raw material storage."

For this project both structural and non structural BMP's will be implemented as specified below and on the following page:

Structural BMP's

- Erosion control at the sediment sources will be emphasized during construction.
- Sandbags will be placed across streets where necessary, depending upon the size of catchment and sedimentation yield.
- All erosion control measures will be implemented in conformance with the requirements of the City of Newport Beach.
- All hazardous or other potentially destructive materials generated during construction, including but not limited to, diesel fuel, crankcase oil and hydraulic fluid shall be properly disposed of.
- All removable protective erosion control devices will be put in place at the end of each working day when the five-day rain probability forecast exceeds 40%.
- After a rainstorm, all silt and debris shall be removed from check berms and desilting basins and the basins pumped dry. Any graded slope surface protection measures damaged during a rainstorm shall also be immediately repaired.
- Storage/staging areas and access road will be designated and coordinated by the contractor. Included in these specific areas will be construction workers parking, construction material loading/unloading, equipment storage, cleaning and

**BEST MANAGEMENT PRACTICES  
FOR THE CITY OF NEWPORT BEACH  
BAY ISLAND WASTEWATER PUMP STATION**

---

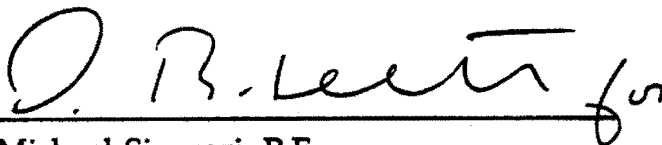
maintenance. These designated areas shall be self-contained so that storm flows have minimal contact with construction material, equipment, and vehicles. All hazardous and destructive chemical materials generated during construction (i.e., - diesel fuel, hydraulic fluid, motor oil, etc.) shall be disposed of properly.

**Non-Structural BMP's**

- The City's Construction Manager and general contractor will inspect the site on a regular basis, reviewing the site maintenance to minimize the amount of pollutants and making sure that all construction wastes are being disposed of in the correct manner.
- The construction area shall be strictly controlled to minimize sediment from leaving the site and/or entering public streets.

These measures are hereby part the Bay Island Wastewater Pump Station project and will be implemented during construction.

BY:

  
Michael Sinacori, P.E.  
Utilities Engineer and Project Manager

**COASTAL COMMISSION**  
**5-98-022**

EXHIBIT # C  
PAGE 2 OF 4



**D. BARTLETT ASSOCIATES**  
LAND USE & PLANNING CONSULTANTS

6082 Jade Circle • Huntington Beach, California 92647  
714.898.0600 • Fax: 714.894.2670 • E-mail: [dabart@aol.com](mailto:dabart@aol.com)

**COASTAL COMMISSION**  
**5-98-022**

EXHIBIT # C  
PAGE 3 OF 4

February 6, 1998

Mr. John T. Auyong  
CALIFORNIA COASTAL COMMISSION  
200 Oceangate • 10th Floor  
Long Beach, CA 90802-4302

**RECEIVED**  
FEB 6 1998

CALIFORNIA  
COASTAL COMMISSION

RE: CDP 5-98-022 • CITY OF NEWPORT BEACH  
BAY ISLAND SEWAGE PUMP STATION REPLACEMENT PROJECT

Dear John:

Thank you for your letter dated February 4, 1998 regarding the above referenced project. The questions and points covered in your letter have been reviewed with the City of Newport Beach Public Works and Marine Department staff and have been answered and clarified below and on the following page.

To cover your first point, residents of Bay Island have their own parking structure at the northwest corner of Island Avenue and Bay Avenue. This structure accommodates all residents and is also available to guests. Therefore, the project will not temporarily or permanently displace resident parking. However, during construction of the project approximately 4 public parking spaces at the termination of Island Avenue will be utilized by City crew and contractors. These spaces will not be impacted during evenings, weekends or holidays and other parking exists along Island Avenue that will accommodate deliveries and other guests that choose to park on the street. Construction will not occur during the summer months as a policy of the Bay Island Board of Directors.

In reference to your second set of questions, the Marine Department has been contacted and they have indicated they have no jurisdiction because this portion of the Bay is non-navigable and boats are restricted from going under the bridge. It is anticipated that the utility line to be replaced under the existing pedestrian bridge would be constructed from

Mr. John T. Auyong

CALIFORNIA COASTAL COMMISSION

February 6, 1998

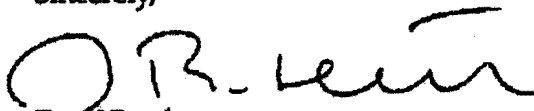
Page 2

---

the top of the bridge and also from below the bridge. Precautionary measures will be taken to ensure there will be no water quality and marine impacts: existing sewage lines will either be plugged or flushed prior to removal and equipment (boats) used to access the lines beneath the bridge will be non-mechanized.

This information should clarify the points covered in your February 4th letter. If you have any further questions or further comments, please contact me or Mike Sinacori (714-644-3342) at your earliest convenience.

Sincerely,

  
Dave Bartlett

Copies: Mike Sinacori, P.E., Utilities Engineer, City of Newport Beach

RECEIVED  
FEB 6 1998  
CALIFORNIA  
COASTAL COMMISSION

COASTAL COMMISSION

5-98-022

EXHIBIT # c

PAGE 4 OF 4

## CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD

## SANTA ANA REGION

3737 MAIN STREET, SUITE 500

RIVERSIDE, CA 92501-3339

PHONE: (909) 782-4130

FAX: (909) 781-6288



May 12, 1997

Michael J. Sinacori, Utilities Engineer  
City of Newport Beach  
Public Works Department - Utilities  
P.O. Box 1768  
Newport Beach, CA 92658-8915

5-98-022  
COASTAL COMMISSION  
RWQCB Information

EXHIBIT # DPAGE 1 OF 4

WASTE DISCHARGE REQUIREMENTS, ORDER NO. 93-49, NPDES NO. CAG998001, CITY OF NEWPORT BEACH PUBLIC WORKS DEPARTMENT, CONSTRUCTION DEWATERING, NEWPORT BEACH, ORANGE COUNTY

Dear Mr. Sinacori:

On April 29, 1997, you submitted a complete NPDES application for the discharge of groundwater associated with construction dewatering activities for a sewage pump station located on Balboa Island in the City of Newport Beach. During a May 6, 1997 phone conversation with Susan Beeson of my staff, you made a request to amend your application to include all other types of de minimis discharges included under Order No. 93-49, (NPDES No. CAG998001), as amended by Order No. 96-17 (copy enclosed), within the City of Newport Beach's jurisdiction.

Effective immediately, you are hereby authorized to discharge wastewater under the terms and conditions of Order No. 93-49. Enclosed is the revised Monitoring and Reporting Program No. 93-49-049 which specifies the frequency of sampling and constituents that must be monitored. Please note that modifications (reductions) to the sampling frequency and constituents to be monitored can be considered on a case-by-case basis for each type of discharge covered under this order.

Order No. 93-49 will expire on July 1, 1998. However, if you wish to terminate coverage under this general permit at any time, please notify us immediately so that we can rescind this authorization and avoid billing you an annual fee of \$400.00.

If you have any questions regarding the permit or the monitoring and reporting program, please contact Tom Mbeke-Ekanem at (909) 320-2007 or Susan Beeson at (909) 782-4902.

Sincerely,

  
Gerard J. Thibeault  
Executive Officer

Enclosures: Order No. 93-49, 96-17 and Monitoring and Reporting Program No. 93-49-049

cc w/enc: AKM Consulting Engineers, John Loague  
cc w/o enc: U.S. Environmental Protection Agency, Permits Issuance Section - Terry Oda (WTR-5)  
State Water Resources Control Board, Division of Water Quality - John Youngerman

SKB/newport.ash

California Regional Water Quality Control Board  
Santa Ana Region

Revised Monitoring and Reporting Program No. 93-49-049

NPDES NO. CAG998001

for

City of Newport Beach Public Works Department, Newport Beach  
General Waste Discharge Requirements for Insignificant Threat Discharges  
Santa Ana Region

**A. Effluent Monitoring**

1. All analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services or at laboratories approved by the Executive Officer of the Regional Board.
2. All samples shall be representative of the waste discharged under the conditions of peak load.
3. A sampling station shall be established for the point of discharge and shall be located where representative samples of the discharge can be obtained. The following shall constitute the effluent monitoring program:

Constituent	Type of Sample	Units	Minimum Frequency of Analysis
Flow	-----	GPD	Daily
Suspended Solids	Grab	mg/l	Weekly
Sulfides	Grab	mg/l	Weekly
Methylene Blue Active Substances <sup>1</sup>	Grab	mg/l	Weekly
Total Phosphates <sup>1</sup>	Grab	mg/l	Weekly
Total Chlorine Residual <sup>2</sup>	Grab	mg/l	Weekly
Oil and Grease	Grab	mg/l	Weekly
Total Petroleum Hydrocarbons <sup>3</sup>	Grab	mg/l	Weekly
Settleable Solids	Grab	ml/l	Weekly

**COASTAL COMMISSION**

5-98-022

<sup>1</sup> If projects are in the vicinity of active sewer lines.

<sup>2</sup> Only if chlorine is used for treatment of wastes.

<sup>3</sup> If projects are in an area where gasoline leaks, spills, or contamination has occurred, or where active groundwater remediation projects are occurring (gasoline service station, underground leaking tanks, etc.).

EXHIBIT # D

PAGE 2 OF 4



4. Unless otherwise noted, all sampling, sample preservation, and analysis shall be performed in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants" promulgated by the United States Environmental Protection Agency (40 CFR 136).

5. Weekly samples shall be collected on a representative day of each week.

**B. Reporting**

1. Five days prior to any discharge, the Regional Board staff shall be notified by phone and or by a fax letter indicating the date and time of the proposed discharge.
2. The results of the above analyses shall be reported to the Regional Board within 24 hours of finding any discharge that is in violation of the discharge specifications in Order No. 93-49.
3. Monitoring reports shall be submitted by the 30th day of each month and shall include:
  - a. The results of all chemical analyses for the previous month,
  - b. The daily flow data,
  - c. A summary of the month's activities.
4. If no discharge occurs during the previous monitoring period, a letter to that effect shall be submitted in lieu of a monitoring report.
5. All reports shall be arranged in a tabular format to clearly show compliance or noncompliance with each discharge specification.
6. For every item where the requirements are not met, the discharger shall submit a statement of the actions undertaken or proposed which will bring the discharge into full compliance with requirements at the earliest time and submit a timetable for correction.
7. Upon completion of the project, the discharger shall notify the Executive Officer of the Regional Board in writing about cessation of the discharge and request for a rescission of the permit.

5-98-022  
**COASTAL COMMISSION**

*RWRCB Information*

EXHIBIT # D

PAGE 3 OF 4

All reports shall be signed by a responsible officer or duly authorized representative of the discharger and shall be submitted under penalty of perjury.

Ordered by

*G. J. Thibeault*  
Gerard J. Thibeault  
Executive Officer

May 12, 1997

5-98-022

COASTAL COMMISSION

- RWQCB Information

EXHIBIT # D

PAGE 4 OF 4