

MINUTE ITEM

This Calendar Item No. 24  
was approved as Minute Item  
No. 27 by the State Lands  
Commission by a vote of 3  
to 0 at its 2/28/83  
meeting.

CALENDAR ITEM

24 1

2/24/83  
W 23118  
Graber/  
Conzales  
PRC 6285

DREDGING PERMIT

APPLICANT: Department of the Army  
Los Angeles District  
District Corps of Engineers  
P.O. Box 2711  
Los Angeles, California 90053

AREA, TYPE LAND AND LOCATION:  
Sovereign lands on the bed of Anaheim Bay  
adjacent to the Naval Weapons Station at  
Sunset and Seal Beach, Orange County,  
California.

LAND USE: Dredge 1.5 million cubic yards of sediments  
to carry out a beach nourishment program  
for replenishment of beaches damaged by  
recent storm activity and encroachment  
endangering residential areas at Sunset  
and Seal Beaches.

Spoils are to be deposited at authorized  
sites on the Weapons Station for low quality  
material and on the beaches for good quality  
material.

TERMS OF PROPOSED PERMIT:  
Initial period: One year.

A 69, 73

S 37

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CONSIDERATION: No royalty to be charged for spoils placed on publicly owned lands and beaches. A royalty of \$0.25 per cubic yard will be charged for spoils placed on private property or sold for commercial benefit.

BASIS FOR CONSIDERATION:

Pursuant to 2 Cal. Adm. Code 2003.

PREREQUISITE TERMS, FEES AND EXPENSES:

Filing fee has been received.

STATUTORY AND OTHER REFERENCES:

A. P.R.C.: 6303, 6370, 21065, 21084.

B. Cal. Adm. Code: Title 2, Sections 2951, 2954; Title 14, Section 15100 et seq.

AB 884: 10/25/83.

OTHER PERTINENT INFORMATION:

1. United States Army Corps of Engineers, Los Angeles District has applied for a permit to dredge 1.5 million cubic yards of sediment from the Naval Weapons Station at Seal Beach, using a hydraulic dredge to place high quality sands on public beaches for replenishment and low quality material as fill on Weapons facility property.
2. An Initial Study (SCH 82112601) and Negative Declaration (N.D. NO. 327) were prepared by State Lands Commission staff, pursuant to CEQA and the State EIR Guidelines.
3. This project is situated on State lands identified as possessing significant environmental values pursuant to P.R.C. 6370.1 and is classified in use category, Class "B" which authorizes limited use. Staff has coordinated this project with those agencies and organizations who nominated the site as containing significant environmental values. They have found this project to be compatible with their nomination.

CALENDAR ITEM NO. 24 (CONTD)

EXHIBITS:

- A. Site Map.
- B. Location Map.
- C. Negative Declaration.

IT IS RECOMMENDED THAT THE COMMISSION:

1. CERTIFY NEGATIVE DECLARATION NO. 327 WHICH HAS BEEN PREPARED FOR THIS PROJECT BY THE COMMISSION PURSUANT TO THE PROVISIONS OF THE CEQA AND SUCH DOCUMENT WAS REVIEWED AND CONSIDERED (CAC 15083, 15085).
2. DETERMINE THAT THE PROJECT WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT (CAC 15083, 15085).
3. FIND THAT GRANTING OF THE PERMIT WILL HAVE NO SIGNIFICANT EFFECT UPON ENVIRONMENTAL CHARACTERISTICS IDENTIFIED PURSUANT TO SECTION 6370.1 OF THE P.R.C.
4. AUTHORIZE THE STAFF OF THE STATE LANDS COMMISSION TO ISSUE TO THE UNITED STATES ARMY CORPS OF ENGINEERS, LOS ANGELES DISTRICT OFFICE, THE DREDGING PERMIT ON FILE IN THE OFFICES OF THE COMMISSION; NO ROYALTY WOULD BE CHARGED FOR SPOILS PLACED ON SUNSET AND SEAL BEACHES AND THE NAVAL WEAPONS STATION BECAUSE OF THE PUBLIC BENEFIT; A ROYALTY OF \$0.25 PER CUBIC YARD WOULD BE ASSESSED FOR SPOILS PLACED ON PRIVATE PROPERTY. SAID PERMIT WOULD BE FOR A PERIOD OF ONE-YEAR AND WOULD ALLOW THE DREDGING OF 1.5 MILLION CUBIC YARDS OF MINERALS OTHER THAN OIL, GAS AND GEOTHERMAL FROM AN AREA OF TIDELANDS AT THE ENTRANCE TO THE NAVAL WEAPONS STATION AT CITY OF SEAL BEACH, ORANGE COUNTY, CALIFORNIA; SAID AREA IS SHOWN IN EXHIBIT "A" AND "B" ATTACHED HERE TO AND BY THIS REFERENCE MADE A PART HEREOF; THE MATERIAL DREDGED SHALL BE DEPOSITED IN A DISPOSAL SITE APPROVED BY ALL APPLICABLE REGULATORY AGENCIES. THE COMPLETE PERMIT IS CONTAINED IN FILE W 23118 LOCATED IN THE COMMISSION OFFICES.

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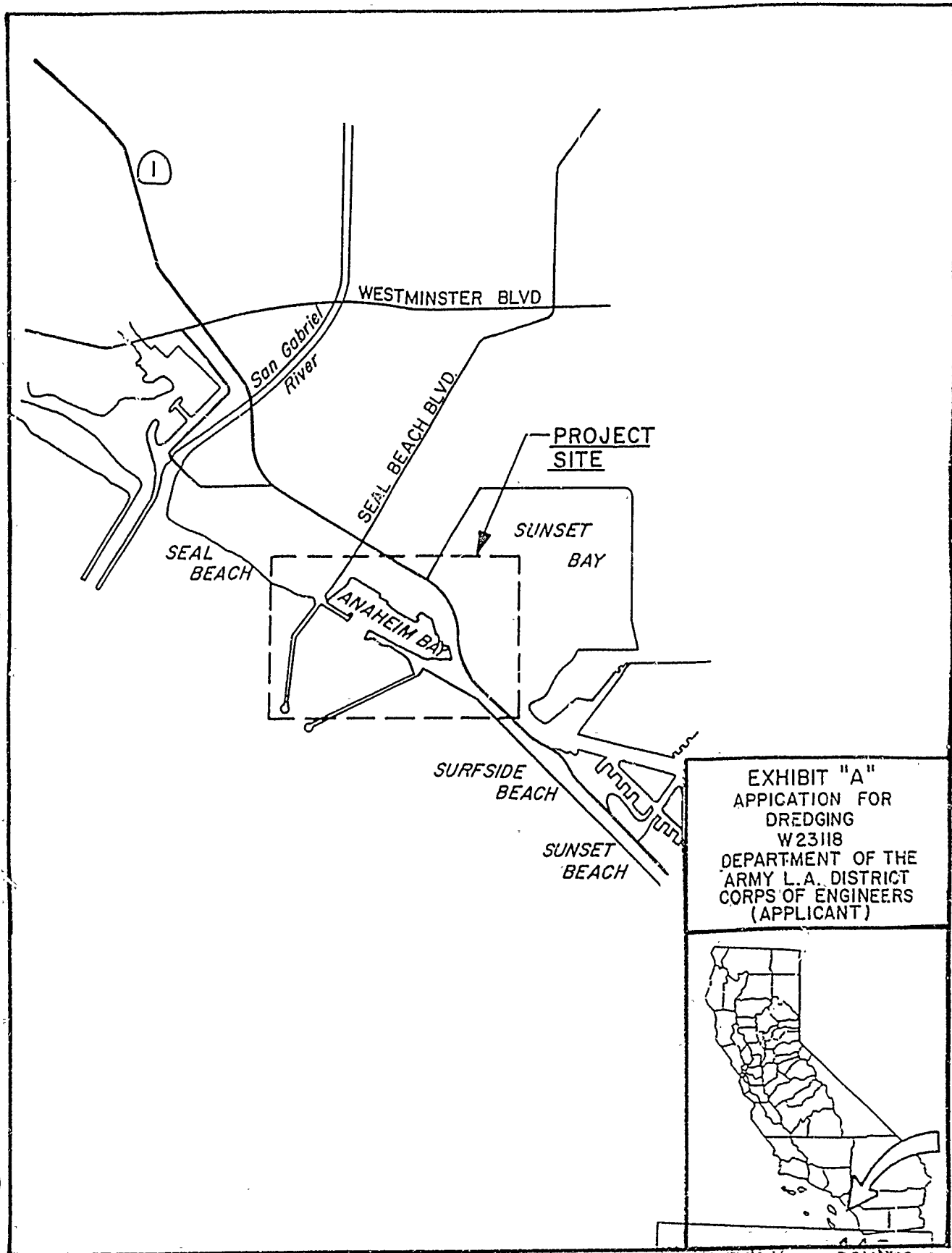


EXHIBIT "A"  
 APPLICATION FOR  
 DREDGING  
 W23118  
 DEPARTMENT OF THE  
 ARMY L.A. DISTRICT  
 CORPS OF ENGINEERS  
 (APPLICANT)



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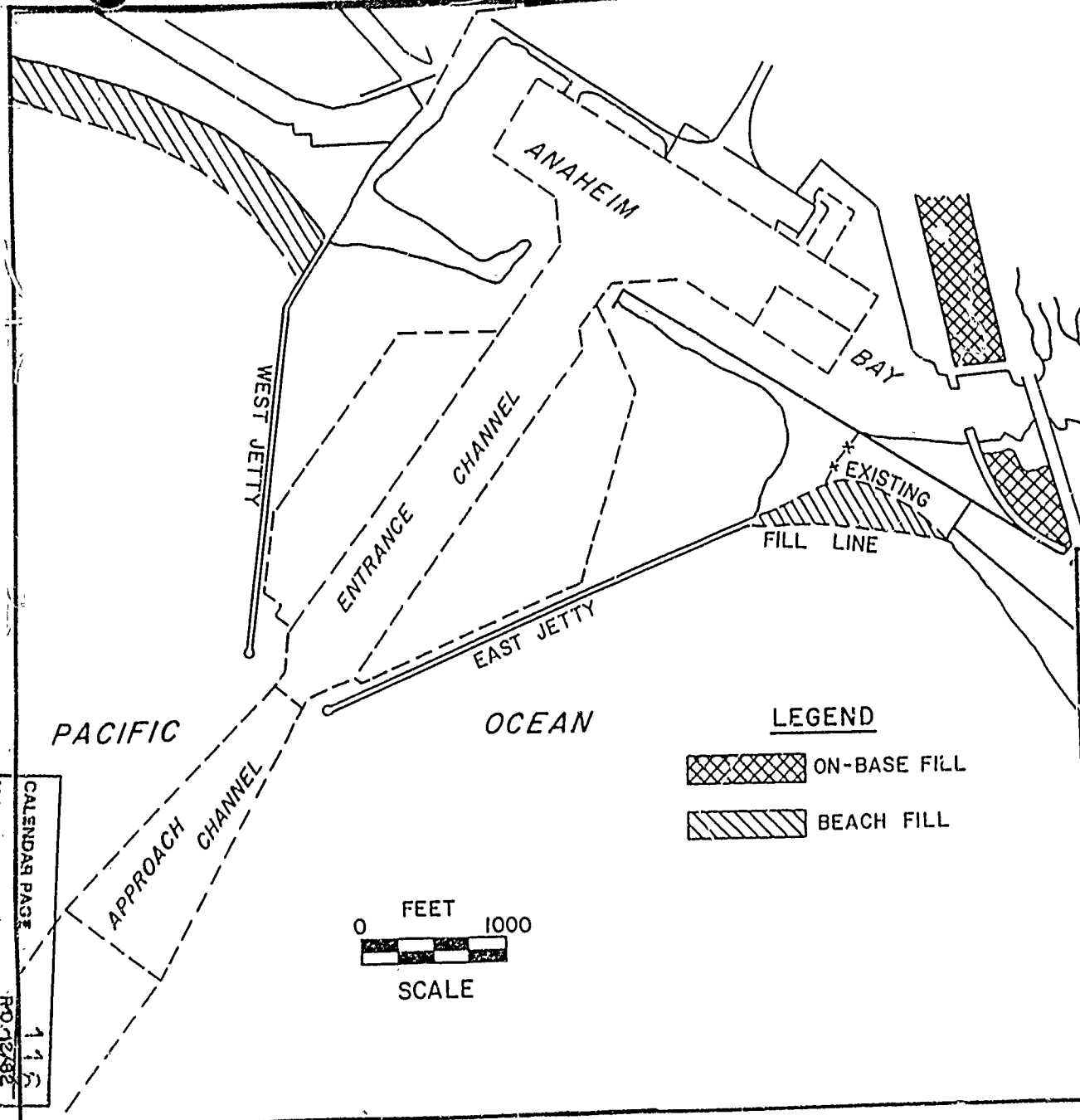

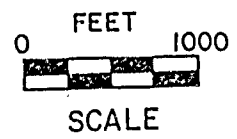


EXHIBIT "B"  
 APPLICATION FOR  
 DREDGING  
 W 23118  
 DEPARTMENT OF THE  
 ARMY L.A. DISTRICT  
 CORPS OF ENGINEERS  
 (APPLICANT)

LEGEND

-  ON-BASE FILL
-  BEACH FILL



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EXHIBIT "C"

EXECUTIVE OFFICE  
1807 - 13th Street  
Sacramento, California 95814

PROPOSED NEGATIVE DECLARATION

ETR ND 327

File Ref.: W 23118

SCH#: 82112601

Project Title: Anaheim Bay Maintenance Dredging

Project Location: Anaheim Bay, City of Seal Beach, Orange County

Project Description: Removal, by Hydraulic Dredge, of approximately 1.1 million cubic yards of littoral drift material located in the approach, entrance channel, and mooring areas, Anaheim Bay. Dredging will be performed for the U.S. Navy by the U.S. Army Corps of Engineers.

This NEGATIVE DECLARATION is prepared pursuant to the requirements of the California Environmental Quality Act (Section 21000 et seq. of the Public Resources Code), the State CEQA Guidelines (Section 15000 et seq., Title 14, of the California Administrative Code), and the State Lands Commission regulations (Section 2901 et seq., Title 2, of the California Administrative Code).

Based upon the attached Initial Study, it has been found that:

- the project will not have a significant effect on the environment.
- the attached mitigation measures will avoid potentially significant effects.

Contact Person: Ted T. Fukushima  
1807 - 13th Street  
Sacramento, California 95814

Telephone: 916/322-7813

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ENVIRONMENTAL IMPACT ASSESSMENT FORM - Part I  
(To be completed by applicant)  
FORM 69.3 (7/82)

A. GENERAL INFORMATION

1. Name, address, and telephone number:

a. Applicant:

U.S. Army Corps of Engineers

Post Office Box 2711

Los Angeles, CA 90053

(916) 688-5403

b. Contact person if other than applicant:

Alan Alcorn

(Same address)

( )

2. a. Project location: Anaheim Bay, at Seal Beach, Orange County

b. Assessor's parcel number: N/A

3. Existing zone of project site: Public Land Use (PLU) - City of Seal Beach

4. Existing land use of project site: Bay channel

5. Proposed use of site: Continued present use - maintenance dredging

6. Other permits required: N/A (possibly Coastal Commission)

B. PROJECT DESCRIPTION

1. Non-building construction projects: Describe fully, the proposed activity, its purpose and intended use. (Attach plans or other drawings as necessary)

2. For building construction projects, complete attachment "A".

See Initial Study.

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C. ENVIRONMENTAL SETTING

1. Describe the project site as it exists before the project, including information on topography, soil stability, plants and animals, and any cultural, historical, or scenic aspects. Describe any existing structures on the site, and the use of the structures.  
See Initial Study.
2. Describe the surrounding properties, including information on plants and animals and any cultural, historical, or scenic aspects. Indicate the type of land use (residential, commercial, etc.), intensity of land use (one-family, apartment houses, shops, department stores, etc.), and scale of development (height, frontage, set-back, rear yard, etc.).  
See Initial Study.

D. ENVIRONMENTAL IMPACT ASSESSMENT

Answer the following questions by placing a check in the appropriate box. Discuss all items checked "yes" or "maybe". (Attach additional sheets as necessary)  
See Initial Study.

Will the project involve:

- |  | Yes                                 | Maybe                               | No                                  |
|--|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. a change in existing features of any bays, tidelands, beaches, lakes or... hills, or substantial alteration of ground contours? | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 2. a change in scenic views or vistas from existing residential areas or... public lands or roads?                                 | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 3. a change in pattern, scale, or character of the general area of project?...   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 4. significant effect on plant or animal life?.....  | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| 5. significant amounts of solid waste or litter?.....  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 6. a change in dust, ash, smoke, fumes, or odors in the vicinity?.....   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 7. a change in ocean, bay, lake, stream, or ground water quality or quantity, or alteration of existing drainage patterns?         | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| 8. a change in existing noise or vibration levels in the vicinity?.....  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 9. construction on filled land or on slope of 10 percent or more?.....   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 10. use or disposal of potentially hazardous materials, such as toxic or radioactive substances, flammables, or explosives?        | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 11. a change in demand for municipal services (police, fire, water, sewage, etc)?  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 12. increase in fossil fuel consumption (electricity, oil, natural gas, etc.)?   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| 13. a larger project or a series of projects?.....   | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |

E. CERTIFICATION

I hereby certify that the statements furnished above and in the attached exhibits present the data and information required for this initial evaluation to the best of my ability, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief.

Date: 1/11/53

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For U.S. Army Corps of Engineers



## PROJECT DESCRIPTION

The proposed project involves the removal, by hydraulic dredge, of approximately 1.1 million cubic yards of littoral drift material located in the approach, entrance channel, and mooring areas within the interior limits of Anaheim Bay, California. The proposed maintenance dredging will be performed for the U.S. Navy by the U.S. Army Corps of Engineers.

Sediment analysis of cores collected from the project site indicate that approximately 600,000 cubic yards of the material to be dredged consists of predominately silt and clay. This material will be pumped into two sets of containment dikes to be constructed on Navy property just seaward and adjacent to Pacific Coast Highway (Figure 1). Return flow from the dewatering pond will be confined to a single point per fill area, and will conform to standards specified by the State and Regional Water Quality Control Boards. The remaining 500,000 cubic yards of material has been determined to be suitable for beach disposal. As such, approximately 350,000 cubic yards of material will be placed on the upcoast Seal Beach and approximately 150,000 cubic yards of material will be placed on the down coast Surfside-Sunset Beach (Figure 1). The city of Seal Beach has expressed a strong desire to have this material placed on their beaches to alleviate erosion problems in the area. Beach disposal operations will be completed before 28 February 1983.

## ENVIRONMENTAL SETTING

Anaheim Bay, located near Seal Beach, represents a remnant of a once extensive coastal delta feed by both the San Gabriel and Santa Ana Rivers. However, development activities over the past thirty years have reduced the Bay's area by at least thirty percent. In 1944, the U.S. Navy's Seal Beach Naval Weapons Station was created at Anaheim Bay, thereby protecting the extensive salt marsh areas within the Bay from further encroachment. In 1974, the Seal Beach National Wildlife Refuge was formed to provide further protection to the salt marsh areas. Wetland habitat within the Bay is highly protective, providing feeding areas and nesting habitat for a diverse assemblage of bird species. Over 100 bird species have been sighted in the area, including two Federally listed endangered species; the California least tern (Sterna albifrons browni) and the California light-footed clapper rail (Rallus longirostris levipes), and one State listed species, the Belding's savannah sparrow (Passerculus sandwichensis belding). (Reference 1).

Dredging activities will take place in the outer Bay itself, where there is extensive open water habitat with depths ranging to a maximum of -40 MLLW. The outer Bay provides access to the Weapons Station for Navy vessels and also access to the adjacent Huntington Harbor for recreational craft. The open water areas are utilized as habitat by shore birds for foraging and resting activities. Bottom areas provide habitat for several benthic invertebrates; several stations within the outer Bay were sampled for benthic invertebrates by Corps' divers and will be analyzed to provide data on species composition and recolonization efforts.

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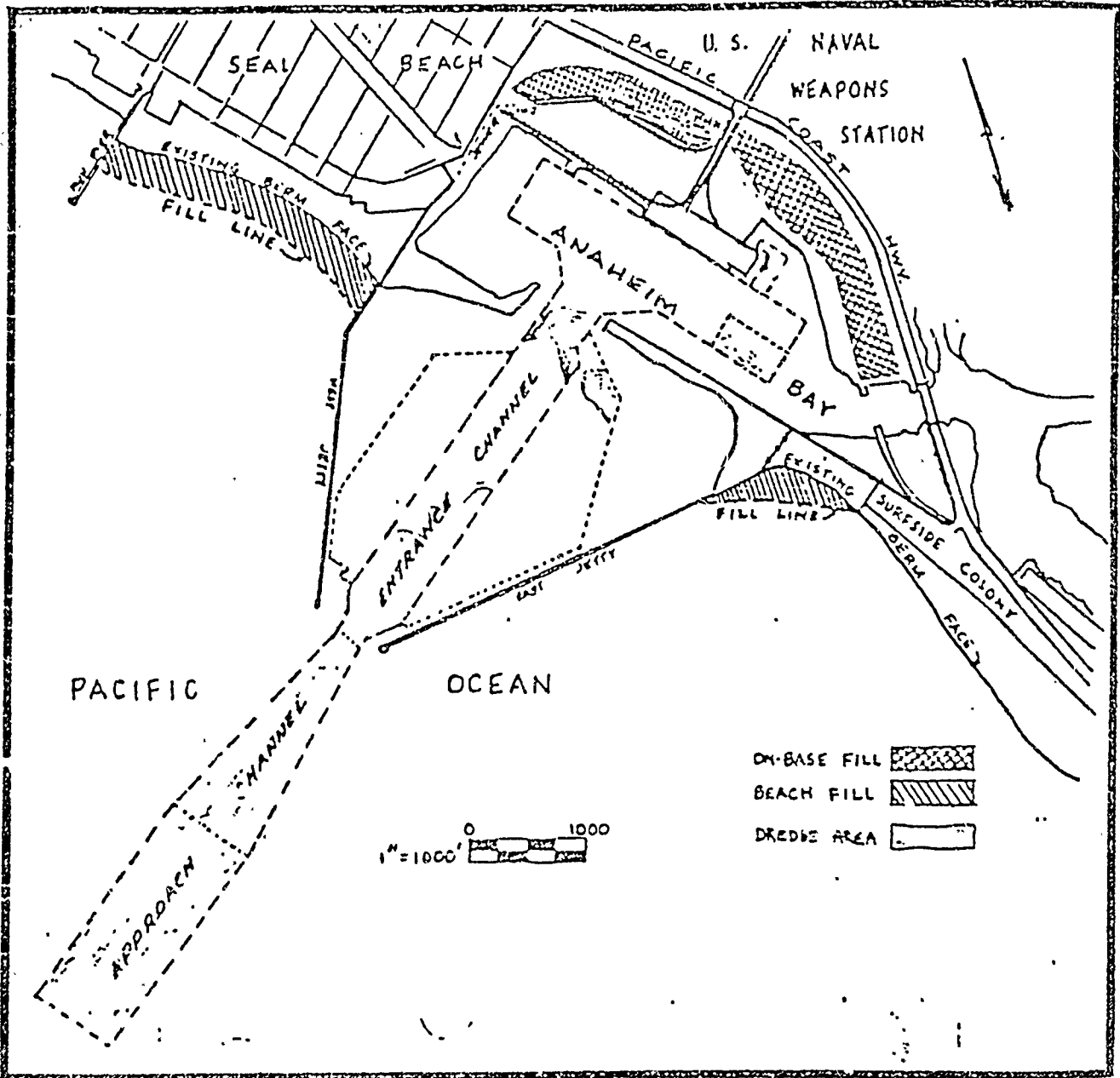


Figure 1. Dredge and Disposal Areas

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The beach disposal areas provide spawning habitat for the California grunion (Leuresthes tenuis), a fish species of regional importance. In addition, the Surfside-Sunset beach area has suffered serious erosion problems in the past, leaving many homes threatened with severe property damage.

The containment dikes will be constructed on upland sites adjacent to the outer Bay that have been utilized previously for fill placement. The sites are highly disturbed and do not provide any habitat of significance.

#### ENVIRONMENTAL IMPACTS

The dredging operation will create minor adverse impacts to water quality. In particular, there will be short-term increases in turbidity levels in the project area. The suspension of bottom sediments will reduce dissolved oxygen concentrations and may cause the release of toxicants and other pollutants into the water column. The use of a cutterhead hydraulic dredge for the project will localize the suspended materials to the immediate vicinity of the cutter.

Dredging activities and associated turbidity will cause minor adverse impacts to fish populations. Although the fish should be able to avoid the project area during dredging, they could suffer sub-lethal effects (e.g. gill damage or increased susceptibility to disease) if turbid conditions prevail for an extended period of time. Increased turbidity may also lower levels of dissolved oxygen and stress fish populations.

Dredging activities will eliminate the benthic communities in the project area temporarily until recolonization is completed.

Dredged materials deposited on upland sites will be retained in a confined area for a time period sufficient to significantly reduce the amount of suspended solids before any water is returned to the Bay. All return flow waters will comply with requirements set by the State and Regional Water Quality Control Boards.

Disposal of dredged materials on the beach will result in the loss of intertidal invertebrates and will increase turbidity. However, operations will be timed to avoid impacts on the grunion (i.e. all beach disposal operations will be completed before the start of the grunion spawning season). The increased quantities of sand on the beach will help reduce beach erosion potentials, thereby protecting the threatened homesites.

Construction activities will temporarily degrade air quality and increase ambient noise levels. Shorebirds will also suffer some disturbance due to the construction activities, however, the disturbance will be minimal and only temporary in nature.

#### IMPACT ON ENDANGERED OR THREATENED SPECIES

Two Federally listed endangered bird species, the California least tern (Sterna albifrons browni) and the California light-footed clapper rail (Rallus

longirostris levipes) are known to utilize Anaheim Bay as habitat. The least tern utilizes the outer Bay as feeding grounds, however, because the tern does not arrive in California until April, it does not appear that there will be an effect on this species. The clapper rail utilizes the inner salt marsh as habitat, however, the dredging operation and its effects will be limited to the outer Bay and will not affect the species.

The proposed project would not impact any species listed as Endangered or Threatened or their Critical Habitat pursuant to the Endangered Species Act of 1973 (57 Stat. 844). Therefore, formal consultation pursuant to Section 7 of this Act with the U.S. Fish and Wildlife Service is not required.

#### IMPACT ON CULTURAL RESOURCES

The affected area of the proposed activity does not include any of the properties listed in, or determined eligible for listing in, the National Register of Historic Places or the National Registry of Natural Landmarks.

An archeological site (Ora-298) which appears to be eligible for inclusion in the National Register, is located about 1/2 mile east of the project site. It is not expected to be impacted by the project.

#### SECTION 404(b)(1) COMPLIANCE

The project, as presented, complies with guidelines promulgated by the Administrator, Environmental Protection Agency, under authority of Section 404(b)(1) of the Clean Water Act (33 USC 1344).

#### COORDINATION

In order to receive comments from other governmental agencies and other interested parties, a public notice describing the proposed project was circulated. As a result, several agencies commented that one of the originally proposed disposal areas was located in a wetland area. Based on this information, the project plans have been altered to eliminate the need for that particular disposal site (dredged materials originally planned for disposal at that particular site will be disposed of at the other two upland disposal sites).

None of the commenters objected to the proposed project, provided that the discharge of dredged materials will not be within the identified wetland area and that beach disposal activities are completed before 28 February 1983.

In addition, the California Coastal Commission has determined that the proposed activity is consistent to the maximum extent practicable with the policies of the California Coastal Management Program.

#### CONCLUSION

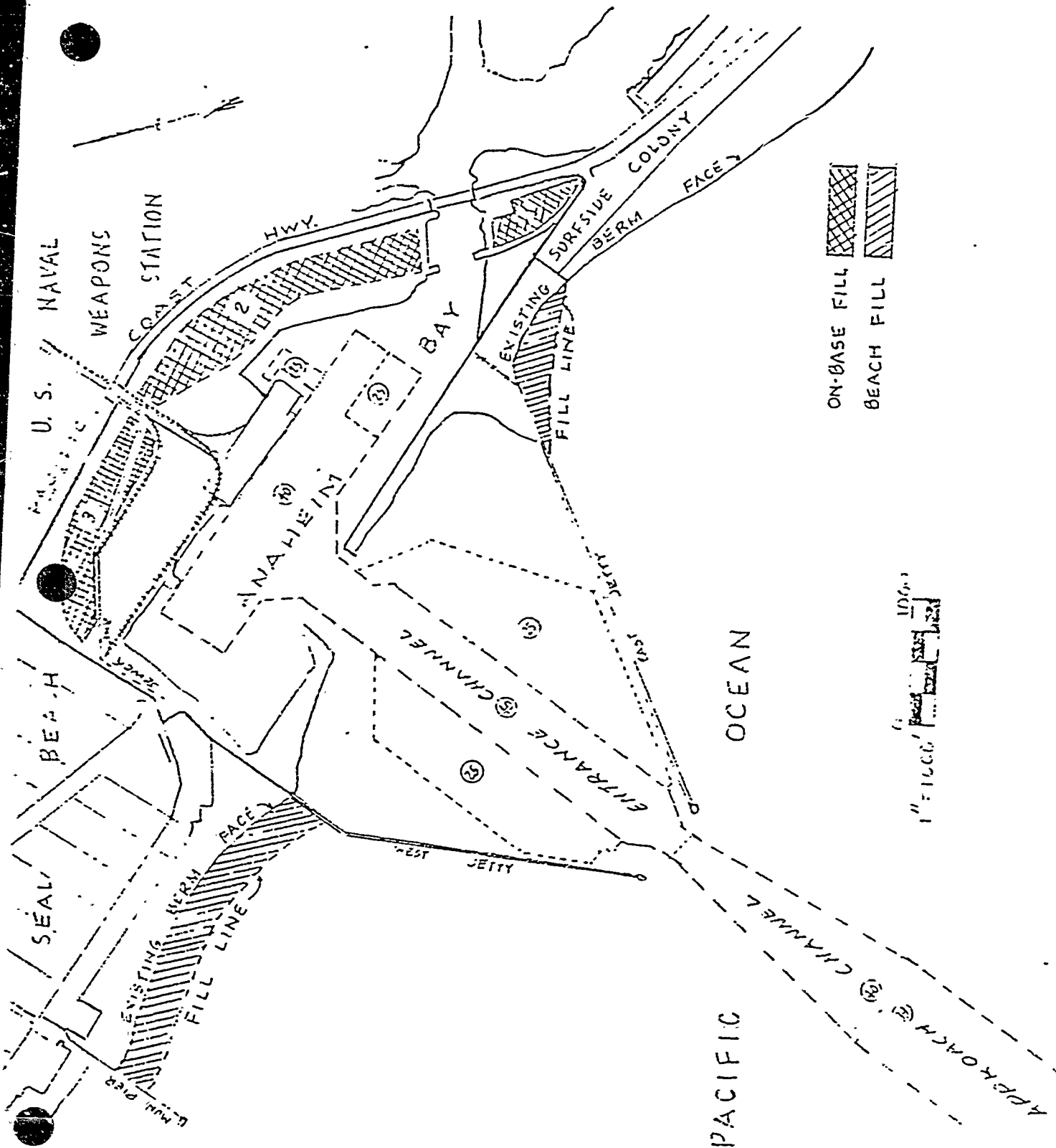
A review of the comments resulting from the public notice and from coordination with appropriate public agencies and other interested parties

indicates that the proposed activity will not have a significant impact upon the existing environment or the quality of the human environment. Therefore, preparation of an Environmental Impact Statement is not required.

REFERENCE

1. Department of the Navy, 1982, Preliminary Environmental Assessment for Removal of Abandoned Anaheim Bay Bridge. Naval Weapons Station, Seal Beach, CA

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ON-BASE FILL  
 BEACH FILL

1" = 100' 106.0

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