

MINUTE ITEM

Calendar Item No. C18  
approved as Minute Item  
by the State Lands  
Commission by a vote of 3  
0 at its 10/28/82  
meeting.

CALENDAR ITEM

C 1 8 1.

10/28/82  
W 23108  
Graber  
PRC 6341

DREDGING PERMIT

APPLICANT: County of Orange  
Environmental Management Agency  
P.O. Box 4048  
Santa Ana, California 92702

AREA, TYPE LAND AND LOCATION:  
Tide lands deeded to the State at the entrances  
to Bolsa Chica Channel (Minerals Reserved)  
and Sunset Aquatic Harbor, Seal Beach,  
Orange County.

LAND USE: Dredge 50,000 cubic yards of sediments  
annually to deepen a portion of the entrance  
to Bolsa Chica Channel and Main Channel.

Spoils to be deposited at an authorized  
upland disposal site under county ownership  
when available. No royalty will be charged  
for spoils placed on a publicly owned disposal  
site adjacent to the Harbor. A royalty  
of \$0.25 per cubic yard will be charged  
for spoils placed on privately owned lands  
or sold for commercial benefit.

PREREQUISITE TERMS, FEES AND EXPENSES:  
Filing fee has been received.

STATUTORY AND OTHER REFERENCES:  
A. P.R.C.: Div. 6 Parts 1 and 2, Div. 13,  
Div. 20.  
B. Cal. Adm. Code: Title 2, Div. 3, Title 14.

A 69, 73

S 37

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AB 884: 9/18/83.

OTHER PERTINENT INFORMATION:

1. A Negative Declaration No. I2P06001, SCH No. 82073001 was prepared for the project by Orange County Environmental Management Agency dated July 26, 1982.
2. All necessary application requirements have been fulfilled.
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, Multiple Use.

EXHIBITS:

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

IT IS RECOMMENDED THAT THE COMMISSION:

1. CERTIFY THAT A NEGATIVE DECLARATION HAS BEEN PREPARED FOR THE PROJECT BY THE COUNTY OF ORANGE ENVIRONMENTAL MANAGEMENT AGENCY AND THAT THE COMMISSION HAS REVIEWED AND CONSIDERED THE INFORMATION CONTAINED THEREIN PRIOR TO THE APPROVAL OF THE PROJECT.
2. DETERMINE THAT THE PROJECT WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT.
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 ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY THE DREDGING PERMIT ON FILE IN THE OFFICES OF THE COMMISSION; SAID PERMIT SHALL BE ISSUED IN CONSIDERATION OF NO ROYALTY CHARGED FOR SPOILS PLACED ON A PUBLICLY OWNED DISPOSAL SITE AND A ROYALTY OF \$0.25 PER CUBIC YARD FOR SPOILS PLACED ON A PRIVATELY OWNED DISPOSAL SITE OR SOLD FOR COMMERCIAL BENEFIT, SAID PERMIT SHALL BE FOR A PERIOD OF FIVE YEARS BEGINNING NOVEMBER 1, 1982 AND, SHALL ALLOW THE DREDGING OF A MAXIMUM OF 50,000 CUBIC YARDS ANNUALLY OF MINERALS OTHER THAN OIL, GAS, AND GEOTHERMAL FROM AN AREA OF TIDELANDS AT THE ENTRANCE TO BOLSA CHICA CHANNEL AND SUNSET AQUATIC

CALENDAR ITEM NO. C 18 (CONTD)

HARBOR, CITY OF SEAL BEACH, ORANGE COUNTY, CALIFORNIA;  
SAID AREA IS SHOWN IN EXHIBIT "B" ATTACHED HERETO AND  
BY THIS REFERENCE EXPRESSLY 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 23108 LOCATED  
IN THE COMMISSION OFFICES.

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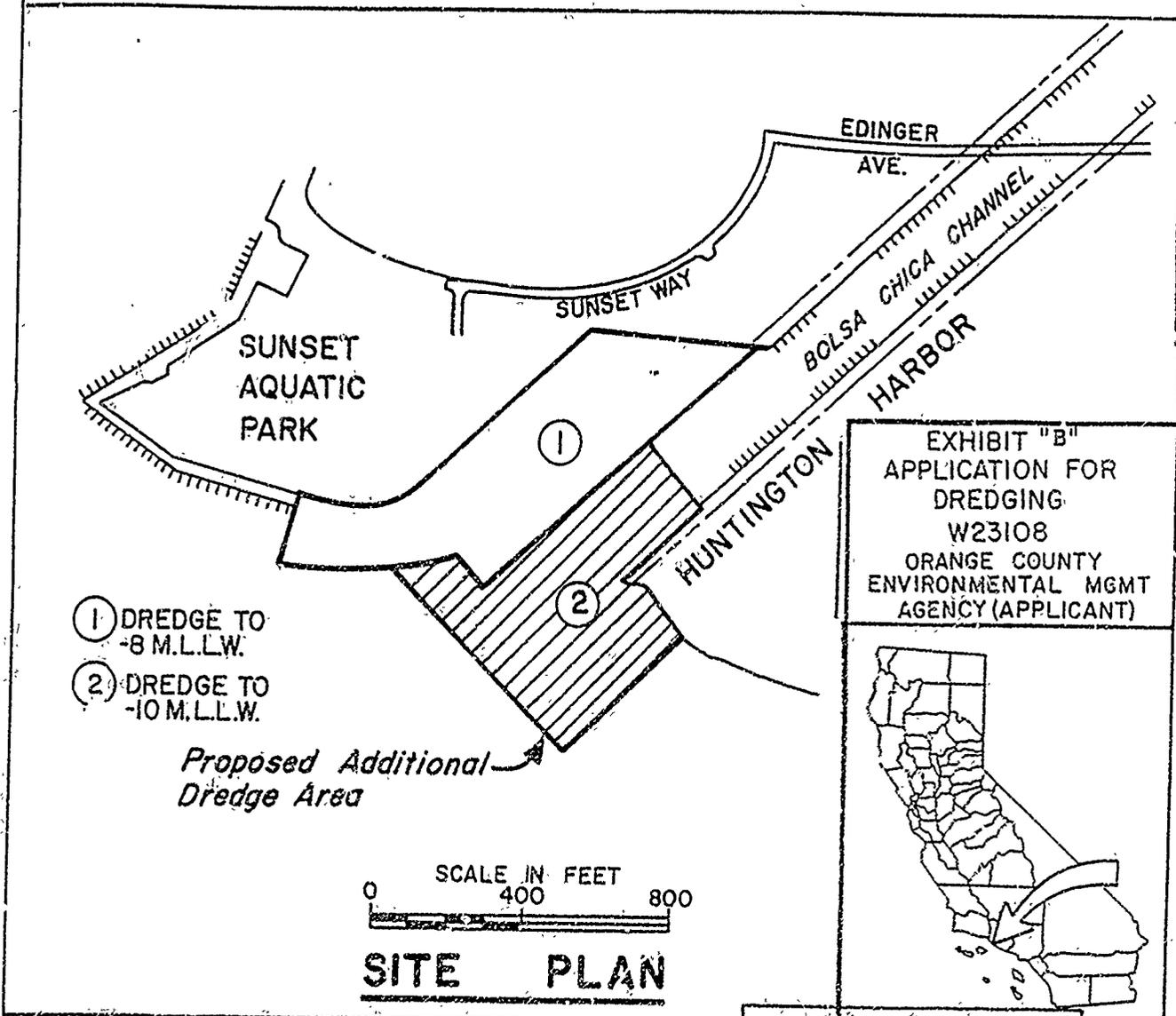
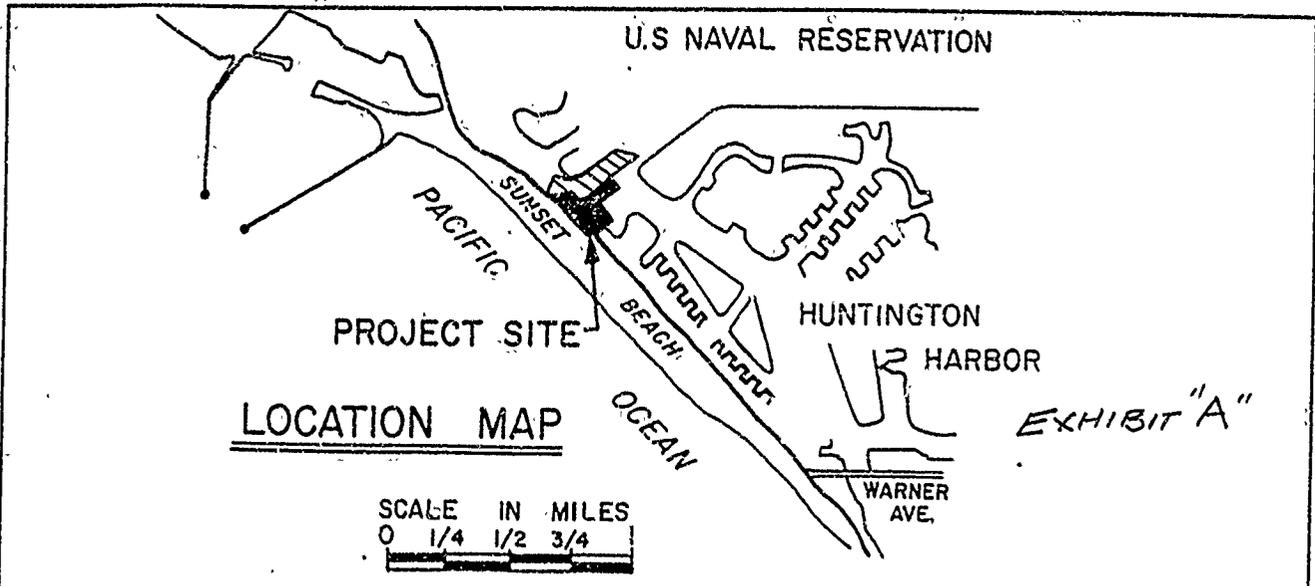


EXHIBIT "B"  
APPLICATION FOR  
DREDGING  
W23108  
ORANGE COUNTY  
ENVIRONMENTAL MGMT  
AGENCY (APPLICANT)





ENVIRONMENTAL MANAGEMENT AGENCY

P.O. BOX 4048  
SANTA ANA, CALIFORNIA 92702

SCH # 8273001

**NEGATIVE DECLARATION**

In accordance with Orange County Board of Supervisor's policies regarding implementation of the California Environmental Quality Act of 1970 (specifically Section 21151 of the Public Resources Code), the County of Orange has conducted an Initial Study to determine whether the following project may have a significant effect on the environment and on the basis of that study hereby finds:

- The proposed project will not have a significant effect on the environment; therefore, it does not require the preparation of an Environmental Impact Report
- Although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the Mitigation Measures described on the reverse side of this sheet have been added to the project. An Environmental Impact Report is therefore not required

The environmental documents which constitute the Initial Study and provide the basis and reasons for this determination are attached and hereby made a part of this document

**PROJECT:**

Title: Sunset Harbor-Maintenance Dredging File No: I2P06001

Location: 2901 Edinger, Sunset Aquatic Park, Seal Beach

Description: Removal of previously dredged material from existing disposal site. Dredge of approximate 100,000 cu.yds. of shoal material from boat slip area along the Marina and main channel. Deposit on adjacent disposal site.

Project Proponent: Sara Bavan

Division/Department

Responsible for Proposed Project: EMA/Design D

Contact Person: George Feliz

Telephone: 834-5361

**NOTICE:**

This document and supporting attachments are provided for review by the general public and consideration by the appropriate County body or official acting on the above project.

Supplemental information is on file and may be reviewed in the Environmental Analysis Division offices, 12 Civic Center Plaza, Santa Ana, CA.

This determination may be appealed by filing a letter with the Manager, Environmental Analysis Division stating reasons why, in your opinion, this Negative Declaration is inappropriate or inadequate. This Negative Declaration shall be final if no appeal is received by 4:30 P.M. on AUG 09 1982

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Dated: 22 July 1982

*[Handwritten signature]*



ENVIRONMENTAL MANAGEMENT AGENCY  
**ENVIRONMENTAL**

PROJ. REF. Sunset Harbor -  
Disposal Site  
Dredging Operations

**ANALYSIS**

IN ACCORDANCE WITH THE POLICIES OF THE ORANGE COUNTY BOARD OF SUPERVISORS REGARDING IMPLEMENTATION OF THE CALIFORNIA ENVIRONMENTAL QUALITY ACT OF 1970 THIS DOCUMENT COMBINED WITH THE ATTACHED "ENVIRONMENTAL INFORMATION" FORM AND SUPPORTING DATA FORMS, IS THE INITIAL STUDY ON THE SUBJECT PROJECT. THIS INITIAL STUDY PROVIDES THE BASIS FOR THE DETERMINATION OF WHETHER THE PROJECT MAY HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT. IF IT IS DETERMINED THAT THE PROJECT MAY HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT, AN ENVIRONMENTAL IMPACT REPORT WILL BE PREPARED WHICH FOCUSES ON THE AREAS OF CONCERN IDENTIFIED BY THIS INITIAL STUDY.

**CHECKLIST:** ITEMS NOT MARKED HAVE BEEN DETERMINED TO HAVE NO SIGNIFICANT EFFECT.

	YES	NO		YES	NO
1. <u>EARTH</u> WILL THE PROPOSAL RESULT IN OR BE AFFECTED BY:					
A. UNSTABLE EARTH CONDITIONS OR IN CHANGES IN GEOLOGIC SUBSTRUCTURES?	---	---			
B. DISRUPTIONS, DISPLACEMENTS, COMPACTION OR OVERCOVERING OF THE SOIL?	---	---			
C. CHANGE IN TOPOGRAPHY OR GROUND SURFACE RELIEF FEATURES?	---	---			
D. THE DESTRUCTION, COVERING OR MODIFICATION OF ANY UNIQUE GEOLOGIC OR PHYSICAL FEATURES?	---	---			
E. ANY INCREASE IN WIND OR WATER EROSION OF SOILS, EITHER ON OR OFF THE SITE?	---	---			
F. CHANGES IN DEPOSITION OR EROSION OF BEACH SANDS, OR CHANGES IN SILTATION, DEPOSITION OR EROSION WHICH MAY MODIFY THE CHANNEL OF A RIVER OR STREAM OR THE BED OF THE OCEAN OR ANY BAY, INLET OR LAKE?	---	---			
G. EXPOSURE OF PEOPLE OR PROPERTY TO GEOLOGIC HAZARDS SUCH AS EARTHQUAKES, LANDSLIDES, MUDSLIDES, GROUND FAILURE, OR SIMILAR HAZARDS?	---	---			
2. <u>AIR</u> WILL THE PROPOSAL RESULT IN:					
A. INCREASE IN EMISSIONS OR DEGRADATION OF AMBIENT AIR QUALITY?	---	---			
B. THE CREATION OF OBJECTIONABLE ODOORS?	---	---			
C. ALTERATION OF AIR MOVEMENT, MOISTURE OR TEMPERATURE, OR ANY CHANGE IN CLIMATE, EITHER LOCALLY OR REGIONALLY?	---	---			
D. EXPOSURE OF PERSONS TO LOCALLY ELEVATED LEVELS OF AIR POLLUTION?	---	---			
3. <u>WATER</u> WILL THE PROPOSAL RESULT IN:					
A. CHANGES IN CURRENTS, OR THE COURSE OR DIRECTION OF WATER MOVEMENTS, IN EITHER MARINE OR FRESH WATERS?	---	---			
B. CHANGES IN ABSORPTION RATES, OR FLOW PATTERNS, OR THE RATE AND AMOUNT OF SURFACE WATER RUNOFF?	---	---			
C. ALTERATIONS TO THE COURSE OR FLOW OF FLOOD WATERS?	---	---			
D. CHANGE IN THE AMOUNT OF SURFACE WATER IN ANY WATER BODY?	---	---			
E. ANY CHANGE INTO SURFACE WATERS, OR ANY ALTERATION OF SURFACE WATER QUALITY INCLUDING BUT NOT LIMITED TO TEMPERATURE, DISSOLVED OXYGEN OR TURBIDITY?	---	---			
F. ALTERATION OF THE DIRECTION OR RATE OF FLOW OF GROUND WATERS?	---	---			
G. CHANGE IN THE QUANTITY OR QUALITY OF GROUND WATERS, EITHER THROUGH DIRECT ADDITIONS OR WITHDRAWALS, OR THROUGH INTERCEPTION OF AN AQUIFER BY CUTS OR EXCAVATIONS?	---	---			
H. REDUCTION IN THE AMOUNT OF WATER OTHERWISE AVAILABLE FOR PUBLIC WATER SUPPLIES?	---	---			
I. EXPOSURE OF PEOPLE OR PROPERTY TO WATER RELATED HAZARDS SUCH AS FLOODING OR FOGAL HAZARDS?	---	---			
4. <u>PLANTS AND ANIMALS</u> WILL THE PROPOSAL RESULT IN:					
A. CHANGE IN THE DIVERSITY OF SPECIES OR THE NUMBER OF ANY SPECIES OF PLANTS OR ANIMALS (INCLUDING TREES AND ALL GRASS, CROPS, MICROBIAL, AQUATIC PLANTS, BIRDS, LAND ANIMALS, REPTILES, FISH AND SHELLFISH, BENTHIC ORGANISMS, INSECTS OR MOLLUSKS)?	---	---			
B. REDUCTION OF THE NUMBERS OF ANY UNIQUE, AESTHETICALLY SIGNIFICANT, RARE OR ENDANGERED SPECIES OF PLANTS OR ANIMALS?	---	---			
C. INTRODUCTION OF NEW SPECIES OF PLANTS OR ANIMALS INTO AN AREA, OR IN A BARRIER TO THE NORMAL REPLENISHMENT OR MIGRATION OF EXISTING SPECIES?	---	---			
D. REDUCTION IN ACREAGE OF ANY AGRICULTURAL CROPS?	---	---			
E. DEGRADATION OF EXISTING FISH OR WILDLIFE HABITAT?	---	---			
5. <u>CULTURAL RESOURCES</u> WILL THE PROPOSAL RESULT IN AN ALTERATION OF A SIGNIFICANT ARCHAEOLOGICAL OR HISTORICAL SITE, STRUCTURE OR BUILDING, PALEONTOLOGICAL SITE, OR OTHER IMPORTANT CULTURAL SCIENTIFIC RESOURCE?	---	---			
6. <u>NATURAL RESOURCES</u> WILL THE PROPOSAL RESULT IN:					
A. INCREASE IN THE RATE OF USE OF ANY NATURAL RESOURCE?	---	---			
B. DEPLETION OF ANY NONRENEWABLE NATURAL RESOURCES, INCLUDING AGRICULTURAL SOILS OR OPEN SPACE?	---	---			
7. <u>SCENIC VALUES</u> WILL THE PROPOSAL RESULT IN THE DESTRUCTION OR ANY SCENIC VIEW OR VIEW OPEN TO THE PUBLIC, OR WILL THE PROPOSAL RESULT IN THE CREATION OF AN AESTHETICALLY OFFENSIVE SITE OPEN TO PUBLIC VIEW?	---	---			
8. <u>ENERGY</u> WILL THE PROPOSAL RESULT IN:					
A. USE OF ABNORMALLY HIGH AMOUNTS OF FUEL OR ENERGY?	---	---			
B. INCREASE DEMAND UPON EXISTING SUPPLIES OF ENERGY, OR REQUIRE THE DEVELOPMENT OF NEW SOURCES OF ENERGY?	---	---			
9. <u>NOISE AND VIBRATION</u> WILL THE PROPOSAL RESULT IN:					
A. EXCESSIVE NOISE EXPOSURE TO ANY EXISTING OR PROPOSED RESIDENTS?	---	---			
B. CHANGE IN VIBRATION EXISTING OR PROPOSED LAND USES?	---	---			
C. INTERFERENCE OF URBAN GROWTH?	---	---			
10. <u>TRANSPORTATION/IRCULATION</u> WILL THE PROPOSAL RESULT IN:					
A. GENERATION OF ADDITIONAL VEHICULAR MOVEMENT?	---	---			
B. EFFECTS ON EXISTING PARKING CAPACITIES OR DEMAND FOR PARKING?	---	---			

<p>10. <u>ALTER WATERBORNE, RAIL OR AIR TRAFFIC</u> _____</p> <p>11. <u>TRAFFIC HAZARDS TO EQUESTRIANS, MOTOR VEHICLES, BICYCLISTS, OR PEDESTRIANS?</u> _____</p> <p>12. <u>CREATION OF INTERNAL CIRCULATION PROBLEMS?</u> _____</p> <p>13. <u>POPULATION</u> WILL THE PROPOSAL ALTER THE LOCATION, DISTRIBUTION, DENSITY, OR GROWTH RATE OF THE HUMAN POPULATION OF AN AREA? _____</p> <p>14. <u>HOUSING</u> WILL THE PROPOSAL _____</p> <p>A. AFFECT EXISTING HOUSING, OR CREATE A DEMAND FOR ADDITIONAL HOUSING? _____</p> <p>B. PRECLUDE OPPORTUNITIES FOR PROVISION OF LOWER INCOME HOUSING? _____</p> <p>15. <u>RECREATION</u> WILL THE PROPOSAL RESULT IN AN IMPACT UPON THE QUALITY OR QUANTITY OF EXISTING RECREATIONAL OPPORTUNITIES? _____</p> <p>16. <u>PUBLIC HEALTH AND SAFETY</u> WILL THE PROPOSAL _____</p> <p>A. INVOLVE THE RISK OF EXPLOSION OR THE RELEASE OF HAZARDOUS SUBSTANCES INCLUDING OIL, PESTICIDES, CHEMICALS OR RADIATION? _____</p> <p>B. EXPOSE PERSONS OR PROPERTY TO HIGH FIRE HAZARD CONDITIONS? _____</p> <p>17. <u>NOISE</u> WILL THE PROPOSAL RESULT IN: _____</p> <p>A. INCREASE OF EXISTING NOISE LEVELS? _____</p> <p>B. EXPOSURE OF PEOPLE TO NOISE LEVELS IN EXCESS OF COUNTY STANDARDS? _____</p> <p>18. <u>LIGHT AND GLARE</u> WILL THE PROPOSAL PRODUCE NEW LIGHT OR GLARE? _____</p>	<p>FOLLOWING:</p> <p>A. FIRE PROTECTION? _____</p> <p>B. POLICE PROTECTION? _____</p> <p>C. SCHOOLS? _____</p> <p>D. PARKS OR OTHER RECREATIONAL FACILITIES? _____</p> <p>E. MAINTENANCE OF PUBLIC FACILITIES INCLUDING ROADS? _____</p> <p>F. POWER OR NATURAL GAS? _____</p> <p>G. COMMUNICATIONS SYSTEMS? _____</p> <p>H. WATER? _____</p> <p>I. SEWER OR SEPTIC TANKS? _____</p> <p>J. STORM WATER DRAINAGE? _____</p> <p>K. SOLID WASTE AND DISPOSAL? _____</p> <p>L. OTHER SERVICES? _____</p> <p>M. OTHER COMMENTS? _____</p>
	<p>PREPARED BY: _____</p> <p>U.S. Fish and Wildlife          EMA, - Design I          U.S. Naval Weapons Station</p> <p>DATE: <u>7/14/82</u></p>

**FINDINGS:**

A. DOES THE PROJECT HAVE THE POTENTIAL TO DEGRADE THE QUALITY OF THE ENVIRONMENT, SUBSTANTIALLY REDUCE THE HABITAT OF 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 ENDANGERED PLANT OR ANIMAL OR ELIMINATE IMPORTANT EXAMPLES OF THE MAJOR PERIODS OF CALIFORNIA HISTORY OR PREHISTORY?	YES	MAYBE	NO
B. DOES THE PROJECT HAVE THE POTENTIAL TO ACHIEVE SHORT-TERM, TO THE DISADVANTAGE OF LONG-TERM, ENVIRONMENTAL GOALS? (A SHORT-TERM IMPACT ON THE ENVIRONMENT IS ONE WHICH OCCURS IN A RELATIVELY BRIEF, DEFINITIVE PERIOD OF TIME WHILE LONG-TERM IMPACTS WILL ENDURE WELL INTO THE FUTURE.)			
C. DOES THE PROJECT HAVE IMPACTS WHICH ARE INDIVIDUALLY LIMITED, BUT CUMULATIVELY CONSIDERABLE? (A PROJECT MAY IMPACT ON TWO OR MORE SEPARATE RESOURCES WHERE THE IMPACT ON EACH RESOURCE IS RELATIVELY SMALL, BUT WHERE THE EFFECT OF THE TOTAL OF THOSE IMPACTS ON THE ENVIRONMENT IS SIGNIFICANT.)			
D. DOES THE PROJECT HAVE ENVIRONMENTAL EFFECTS WHICH WILL CAUSE SUBSTANTIAL ADVERSE EFFECTS ON HUMAN BEINGS, EITHER DIRECTLY OR INDIRECTLY?			

**DETERMINATION:**

ON THE BASIS OF THIS INITIAL EVALUATION:

\_\_\_\_\_ I FIND THE PROPOSED PROJECT COULD NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT, AND A NEGATIVE DECLARATION WILL BE PREPARED.

I FIND THAT ALTHOUGH THE PROPOSED PROJECT COULD HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT, THERE WILL NOT BE A SIGNIFICANT EFFECT IN THIS CASE BECAUSE THE MITIGATION MEASURES DESCRIBED ON AN ATTACHED SHEET HAVE BEEN ADDED TO THE PROJECT. A NEGATIVE DECLARATION WILL BE PREPARED.

\_\_\_\_\_ I FIND THE PROPOSED PROJECT MAY HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT, AND AN ENVIRONMENTAL IMPACT REPORT IS REQUIRED.

ENVIRONMENTAL MANAGEMENT AGENCY

BY: \_\_\_\_\_

DATE: 7-23-82  
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# ENVIRONMENTAL ANALYSIS

## EXPLANATIONS/MITIGATION DISCUSSION

SUPPLEMENT TO CHECKLIST FORM NO. F0250-338

### Background

The proposal consist of two separate actions associated with the Sunset Aquatic Park Marina and Channel. Phase I involves the removal of approximately 50,000 cu.yds. of previously dredged material from an existing disposal site adjacent to the marina. Once this material is removed, Phase II can be implemented. This activity involves the maintenance dredging of approximately 100,000 cu.yds. of shoal material from the slip areas along the marina and main channel. The dredged material would then be deposited on the disposal site described in Phase I.

### 3.e.

Dredging of the marina and channel may disturb the existing surface water conditions by creating subsurface turbiding currents.

### Explanation

### Mitigation

Water Quality Control Board discharge requirements shall be strictly complied with during all dredging operations.

### 4.a.,b.

The area to be dredged is within the sphere of existing marine life. Project activity may significantly affect the life cycle of the flora/fauna. Of particular concern is a patch of eel grass located adjacent to the Bolsa Chica Channel.

### Explanation

Adjacent to the proposed disposal site is a least tern nesting site. Operations associated with the removal and depositing of material, may significantly affect nesting activities.

### Mitigation

Dredging operations will utilize suction type dredging equipment, which will minimize impacts to the existing marine life. Prior to commencement of any dredging operation, the Manager of EMA/Public Facilities Maintenance Division shall work directly with U.S. Fish and Wildlife Services in determining the extent of the eel grass community, and in incorporating appropriate measures designed to preclude all impacts.

All activity associated with the removal and/or deposition of dredged material shall be limited to non-nesting periods.

### 18 Other Concerns

### Explanation

The exact destination and use of the 50,000 cu. yds. of material currently on the disposal site has not yet been determined. Prior to the removal and transport of this material, a soils analysis shall be conducted to determine if its contents are suitable for its eventual use.

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