CALENDAR ITEM

C9.

9/80
W 22549
Dorsey

DREDGING PERMIT

APPLICANT: City of Oceanside
320 N. Horne Street
Oceanside, California 92054

AREA, TYPE LAND AND LOCATION:
Granted tide and submerged lands (minerals reserved) in the Pacific Ocean at the mouth of San Luis Rey River, San Diego County.

LAND USE: Dredge 700,000 cubic yards of minerals other than oil, gas and geothermal and place dredged materials on eroded beaches in the City of Oceanside.

TERMS OF PROPOSED PERMIT:
Initial period: 2 years from September 25, 1980.

CONSIDERATION: The public use and benefit; the dredged materials are to be placed solely upon public beach.

STATUTORY AND OTHER REFERENCES:

A. P.R.C.: Div. 6, Parts 1 & 2; Div. 13; Div. 20.

B. Cal. Adm. Code: Title 2, Div. 3.; Title 14, Div. 6.

OTHER PERTINENT INFORMATION:

1. This project is situated on land identified as possessing environmental values in that the State Lands Commission stated all waterways under the Commission's jurisdiction have environmental significance. Staff finds this project to be compatible with Commission policy.

2. A negative declaration was prepared by the City of Oceanside, pursuant to CEQA and the State EIR Guidelines.

A 74

S 36

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3. The proposed project is consistent with Sections 2513 through 2517 of Article 6.5, Title 2, of the Cal. Adm. Code.

4. Staff has prepared a permit document which includes all the above provisions. Said document is on file in the offices of the Commission.

5. The City of Oceanside intends to document, by oblique aerial photographs, the condition of the beach immediately prior to the placement of these fill materials thereon and will provide the State Lands Commission with copies of these photographs.

APPROVALS OBTAINED:
City of Oceanside, Regional Water Quality Control Board (permit waived).

FURTHER APPROVALS REQUIRED:
United States Army Corps of Engineers, California Coastal Commission.

EXHIBITS: A. Land Description. B. Negative Declaration.

IT IS RECOMMENDED THAT THE COMMISSION:

1. DETERMINE THAT A NEGATIVE DECLARATION HAS BEEN PREPARED FOR THIS PROJECT BY CITY OF OCEANSIDE.

2. CERTIFY THAT THE COMMISSION HAS REVIEWED AND CONSIDERED THE INFORMATION CONTAINED IN THE NEGATIVE DECLARATION.

3. DETERMINE THAT THE PROJECT WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT.

4. DETERMINE THAT THE PROJECT IS CONSISTENT WITH THE PROVISIONS OF ARTICLE 6.5, OF TITLE 2, OF THE CAL. ADM. CODE.

5. FIND THAT THIS PROJECT IS SITUATED ON LAND IDENTIFIED AS POSSESSING ENVIRONMENTAL VALUES IN THAT THE STATE LANDS COMMISSION FOUND ALL WATERWAYS UNDER THE COMMISSION'S JURISDICTION HAVE ENVIRONMENTAL SIGNIFICANCE, BUT THAT THIS PROJECT IS COMPATIBLE WITH THAT FINDING AS IT APPLIES TO THE SUBJECT LAND.

6. AUTHORIZE THE STAFF TO ISSUE TO THE CITY OF OCEANSIDE THE DREDGING PERMIT ON FILE IN THE OFFICES OF THE COMMISSION. SAID PERMIT SHALL BE ISSUED IN CONSIDERATION OF THE PUBLIC USE AND BENEFIT WHICH WILL RESULT THEREFROM.

CALENDAR ITEM NO. C9. (CONTD)

SAID PERMIT SHALL ALLOW THE DREDGING OF MAXIMUM OF 700,000 CUBIC YARDS OF MINERALS OTHER THAN OIL, GAS AND GEOTHERMAL FROM AN AREA OF GRANTED TIDE AND SUBMERGED LANDS IN THE PACIFIC OCEAN AT THE MOUTH OF THE SAN LUIS REY RIVER IN THE CITY OF OCEANSIDE, SAN DIEGO COUNTY. SAID AREA IS INDICATED IN EXHIBIT "A" ATTACHED HERETO AND BY THIS REFERENCE EXPRESSLY MADE A PART HEREOF. THE MATERIAL DREDGED SHALL BE USED FOR BEACH NOURISHMENT AND REPLENISHMENT WITHIN THE CITY OF OCEANSIDE SUBJECT TO THE APPROVAL OF ALL APPLICABLE REGULATORY AGENCIES.

EXHIBIT "A"
W22549

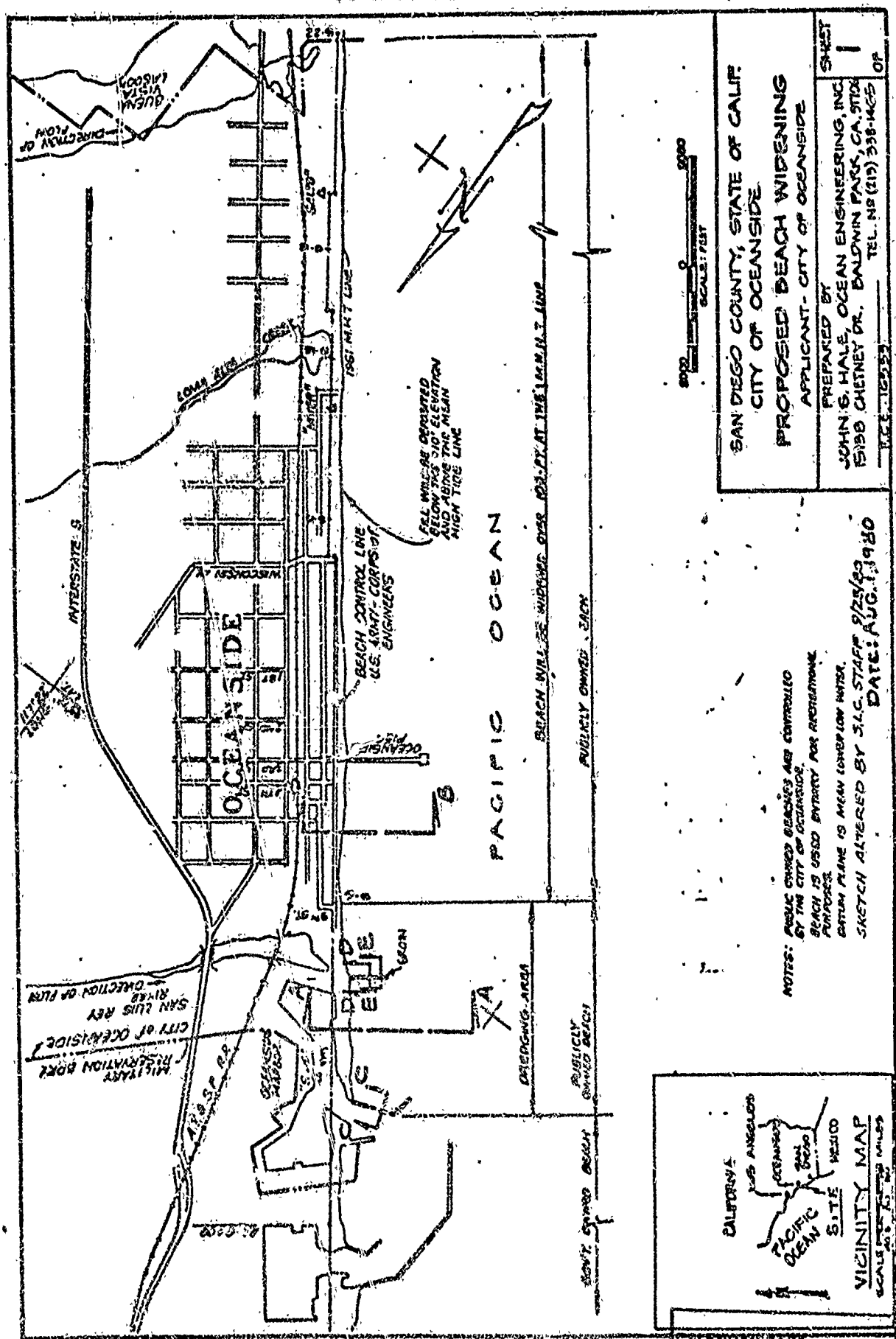

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EXHIBIT "B" **NEGATIVE DECLARATION** / 22549 POST

TO: XXX Secretary for Resources
1416 Ninth Street, Room 1311
Sacramento, California 95814

XXX County Clerk
County of San Diego
220 West Broadway
San Diego, California 92101

FROM: Planning Department
City of Oceanside
320 N. Horne Street
Oceanside, California 92054

Project Title: BEACH SAND REPLENISHMENT - CITY OF OCEANSIDE		
Project Location: City of Oceanside	Contact Person: Chris Word	Telephone Number: (714) 439-7272
Project Description: Beach sand replenishment from harbor north to Oceanside Blvd.		

FINDING: Pursuant to the provisions of Ordinance No. 73-10 pertaining to procedures and guidelines to implement the California Environmental Quality Act of 1970, the proposed project has been reviewed by the Environmental Review Committee established by Ordinance to be responsible for evaluating the information. The Environmental Review Committee, after study of the facts and findings, has on July 10, 1980 determined that the project will not have a significant effect on the environment.

☐ The project was determined to have no major significant adverse effects upon the environment.

XXX The project was determined to have no major significant adverse effects upon the environment per compliance with the attached conditions.

1. Noise shall not exceed 65 db in the day, 55 db at night.
2. Bridges shall be placed over the 8" pipe to ensure continued access.
3. Pumping equipment shall be cordoned off to prevent any conflict with continuing recreational use of the beach.

Initial Study Prepared by: Chris Word, Environmental Analyst	Copy of Initial Study Available at: Planning, 320 N. Horne St., Oceanside, CA.

Date received for filing:

Signature
Werner von Gunglell
Resource Officer
Title

July 10, 1980
Date

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(Added 9-22-80)

INITIAL STUDY

PROJECT DESCRIPTION AND SETTING

1. Name of Proponent CITY OF OCEANSIDE
2. Address and Phone Number of Proponent:
   321 N. Nevada St.
   Oceanside, CA. 92054
3. Name of Proposal, if applicable BEACH SAND REPLENISHMENT
4. APN(s) _____ 5. Application(s)# _____
6. Have previous EIR's been prepared in area? N/A Proximity: _____
   For which project? _____
7. Project Description: The project involves dredging beach sand from the public beach area south of the south breakwater to the Oceanside Small Craft Harbor and just north of the groin on the northerly side of the San Luis Rey River, as well as the turbulent area just offshore from the mouth of the river and south to a line approximately 1500 ft. south of said groin.
8. Environmental Setting: Ocean beach and seaward of the mouth of the San Luis Rey River, to the extended terminus of Oceanside Blvd.

ENVIRONMENTAL IMPACTS

	YES	MAYBE	NO	MAJOR
1. EARTH. Will the proposal result in:				
a. Unstable earth conditions or in changes in geologic substructures?			X	
b. Disruptions, displacements, compaction or overcovering of the soil?			X	
c. Change in topography or ground surface relief features: Replacing sand in its natural location.	X			

[] Geologic site survey for subsurface conditions is recommended.
[] Effect of Excavation needs verification.
[] Slope stability is questioned.
[] Soil sample tests and special foundation design are recommended.
[] Other.

(Added, 9-22-80)

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geologic or physical features? ___ ___ X ___

[] Geologic site survey - subsurface conditions is recommended.
[] Effect of excavation needs verification.
[] Other.

e. Any increase in wind or water erosion of soils, either on or off the site? ___ ___ X ___

[] Erosion hazard is expected, and siltation control is needed.
[] Other.

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? No changes in natural forces & erosion/deposition. ___ X ___

[] Tsunami hazard is expected, storm conditions, sand supply and movement needs verification.

g. Exposure of people or property to geologic hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards? ___ ___ X ___

[] Seismic shaking is expected.
[] Slope stability is questioned.
[] Soil sample tests and special foundation design are recommended.
[] Geologic site survey for subsurface conditions is recommended.
[] Effect of excavation is questioned.

2. AIR. Will the proposal result in:

a. Substantial air emissions or deterioration of ambient air quality? ___ ___ X ___

b. The creation of objectionable odors? ___ ___ X ___

c. Alteration of air movement, moisture or temperature, or any change in climate, either locally or regionally? ___ ___ X ___

3. WATER. Will the proposal result in:

a. Changes in currents or the course or direction of water movements, in either marine or fresh waters? ___ ___ X ___

b. Changes in absorption rates, drainage patterns or the rate and amount of surface water runoff? ___ ___ X ___

c. Alterations to the course or flow of flood waters? ___ ___ X ___

d. Change in the amount of surface water in any water body? ___ ___ X ___

e. Discharge into surface waters, or in any alteration of surface water quality, including but not limited to temperature, dissolved oxygen or turbidity? Not exceeding natural amount of turbidity. ___ ___ X ___

f. Alteration of the direction or rate of flow of ground waters? ___ ___ X ___

g. Change in the quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations? ___ ___ X ___

h. Substantial reduction in the amount of water otherwise available for public water supplies? ___ ___ X ___

i. Exposure of people or property to water related hazards such as flooding or tidal waves? ___ ___ X ___

(Added 9-22-80)

4. PLANT LIFE. Will the proposal result in:

a. Change in the diversity of species, or number of any species of plants (including trees, shrubs, grass, crops, and aquatic plants)?			X	
b. Reduction of the numbers of any unique, rare or endangered species of plants?			X	
c. Introduction of new species of plants into an area, or in a barrier to the normal replenishment of existing species?			X	
d. Reduction in acreage of any agricultural crop?			X	
5. ANIMAL LIFE. Will the proposal result in:				
a. Change in the diversity of species, or numbers of any species of animals (birds, land animals including reptiles, fish and shellfish, benthic organisms or insects)?			X	
b. Reduction of the numbers of any unique, rare or endangered species of animals?			X	
c. Introduction of new species of animals into an area, or result in a barrier to the migration or movement of animals?			X	
d. Deterioration to existing fish or wildlife habitat?			X	
6. NOISE Will the proposal result in:				
a. Increases in existing noise levels? Temporary noise from pumps		X		
b. Exposure of people to severe noise levels?			X	
7. LIGHT AND GLARE. Will the proposal produce new light or glare?			X	
8. LAND USE. Will the proposal result in a substantial alteration of the present or planned land use of an area?			X	
9. NATURAL RESOURCES. Will the proposal result in:				
a. Increase in the rate of use of any natural resources?			X	
b. Depletion of any nonrenewable resource such as fuel for energy generation or mineral extractions?			X	
10. RISK OF UPSET. Does the proposal involve a risk of an explosion or the release of hazardous substances (including, but not limited to oil, pesticides, chemicals or radiation) in the event of an accident or upset conditions?			X	
11. POPULATION. Will the proposal alter the location, distribution, density, or growth rate of the human population of an area?			X	
12. HOUSING. Will the proposal affect existing housing, or create a demand for additional housing?			X	
13. TRANSPORTATION/CIRCULATION. Will the proposal result in:				
a. Generation of substantial additional vehicular movement?			X	
b. Effects on existing parking facilities, or demand for new parking?			X	
c. Substantial impact upon existing transportation systems?			X	
d. Alterations to present patterns of circulation or movement of people and/or goods?			X	
e. Alterations to waterborne, rail or air traffic?			X	
f. Increase in traffic hazards to motor vehicles, bicyclists or pedestrians?			X	

(Added, 9-22-80)

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	Yes	Maybe	No	Comments
14. PUBLIC SERVICES. Will the proposal have an effect upon, or result in a need for new or altered governmental services in any of the following areas:				
a. Fire protection?			X	
b. Police protection?			X	
c. Schools?			X	
d. Parks or other recreational facilities?			X	
e. Maintenance of public facilities, including roads?			X	
f. Other governmental services?			X	
15. ENERGY. Will the proposal result in:				
a. Use of substantial amounts of fuel or energy?			X	
b. Substantial increase in demand upon existing sources of energy, or require the development of new sources of energy?			X	
16. UTILITIES. Will the proposal result in a need for new systems, or substantial alterations to the following utilities:				
a. Power or natural gas?			X	
b. Communications systems?			X	
c. Water?			X	
d. Sewer or septic tanks?			X	
e. Storm water drainage?			X	
f. Solid waste and disposal?			X	
17. HUMAN HEALTH. Will the proposal result in:				
a. Creation of any health hazard or potential health hazard (excluding mental health)?			X	
18. AESTHETICS. Will the proposal result in the obstruction of any scenic vista or view open to the public, or will the proposal result in the creation of an aesthetically offensive site open to public view?			X	
19. RECREATION. Will the proposal result in an impact upon the quality or quantity of existing recreational opportunities? Very slight temporary noise possible.		X		
20. ARCHAEOLOGICAL/HISTORICAL. Will the proposal result in an alteration of a significant archaeological or historical site, structure, object or building?			X	
21. PUBLIC INTEREST. Is there known public controversy concerning the environmental effects of the project?			X	

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(Added, 9-22-80)

a. Does the project have the potential to 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? ___ ___ X ___

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.) ___ ___ X ___

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.) ___ ___ X ___

d. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly? ___ ___ X ___

MITIGATION MEASURES

1. Noise shall not exceed 65 db in the day, 55 db at night.
2. Bridges shall be placed over the 8" pipe to ensure continued access.
3. Pumping equipment shall be cordoned off to prevent any conflict with continuing recreational use of the beach.

DISCUSSION OF ENVIRONMENTAL EVALUATION

Project has no environmental impacts with the above conditions.

Initial Study Prepared By: Chris Word and accepted as to content by the City Environmental Review Committee.

DETERMINATION

On the basis of this initial evaluation, the City Environmental Review Committee finds:

☐ the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☒ the proposed project could have a significant effect on the environment, but 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.

☐ the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

Date: July 10, 1980

Werner von Gundell
Resource Officer

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(Added, 9-22-80)

COASTAL ENGINEERING, INC.
IN S. HALE, COASTAL ENGINEER
Chetney Drive • Baldwin Park, California 91706
(213) 338-1465

THE CITY OF OCEANSIDE
COUNTY OF SAN DIEGO

A COASTAL ENGINEER'S REPORT
FOR THE PROPOSED
NEGATIVE DECLARATION FOR BEACH MAINTENANCE IN THE CITY OF OCEANSIDE

This project involves a dredging operation in the public beach area just south of the south breakwater to the Oceanside Small Craft Harbor and just north of the groin on the northerly side of the San Luis Rey River. The dredging area will also include the turbulent area just offshore from the mouth of the San Luis Rey River and south to a line approximately 1500 ft. south of said groin. The dredging will be seaward of the riparian boundary and therefore will not intrude on private property.

The project will not only include dredging the ocean-washed and wave-deposited sand in the aforementioned area, but also placing it on the beach between the dredging area and Buena Vista Lagoon.

This is a maintenance project and will replace part of the once beautiful beach at Oceanside and the replaced sand will protect the present public and private structures from certain serious ocean-wave damage that would occur during the winter 1980-81.

The beach-widening process will be to begin pumping sand on the beach at approximately the point where the seaward prolongation of Oceanside Street intercepts the Pacific Ocean. Approximately 5,000 yards will be placed above the mean high tide line and below elevation 10 ft. (mean sea level datum). The material will be spread by the natural forces of the ocean-wave action. As the beach widens, the waves will widen the backshore beach, holding it approximately at 10 ft. elevation. A steeper seaward slope will form (sometimes referred to as the foreshore slope). The initial foreshore slope will be rather steep -- perhaps a 6 to 1 slope -- but will not be so steep that it will be dangerous to beach bathers. After some exposure, this foreshore slope will flatten and be similar in slope to the existing sand profiles. This first formed beach will have an average width of over 120 ft. at the mean high tide line.

This process of depositing sand on the beach will be continued with intermittant equally-spaced intervals and with equal (5,000 cu. yard) volumes until such time as a million yards are placed between the southerly end of the borrow site and the Buena Vista Lagoon.

The wave-deposited sand that will be dredged will be of an almost identical grain-size material to the sand naturally found in the fill area. It is expected that a small amount of the dredge material will be a gravel-type material somewhat smaller than the natural cobbles now present on Oceanside Beach. For this reason,

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(Added, 9-22-80)

it is not expected that the dredge material will cause more than a very, very small amount of turbidity. In other words, washout material will be an extremely small percentage and coloring of the water will take place only in the turbulent wave zone.

The dredging could take place with a land-based piece of equipment that pumps its own water from the ocean and forms a hydraulic pond on the public beach and uses the water in this pond as a carrier for the sand, which will be pumped through pipes laid along the Oceanside Beach and down to the Buena Vista Lagoon. This type of dredge, however, could have trouble dredging the material in the turbulent area offshore from the mouth of the San Luis Rey River. A floating dredge could do the same job by digging a channel from the Pacific Ocean side of the borrow site and depositing sand in a manner, as it moves shoreward, that would protect the barge from the Pacific Ocean waves.

If the dredge strikes clays or silts or any other undesirable material, the operation will be stopped and the dredge moved to another area. The noise of the dredge can be kept to a minimum by the nature of the electric supply system that the dredge company chooses to use.

It is expected that sand material will be found on the bottom of the ocean from depths around 15 to 20 ft. below mean sea level to a +10 elevation, which is the approximate elevation of the backshore beach in the borrow area. It is very clear from observations of the beach profiles in this area that the recent widening of the beach of more than 500 ft. makes it absolutely certain that sands and gravels are found between the elevation of the bottom of the ocean indicated by the early beach profiles and the elevation of the existing accreted beach.

The thickness of the accreted beach will vary from place to place, but it's probable that in many areas it is over 15 ft. thick. This means that the dredge material can be nothing more than the natural beach material like that now existing in the proposed fill area. The dredging, of course, will be done with water from the Pacific Ocean, and this means that you'll simply be taking Pacific Ocean water and returning the same water to the ocean.

The dredging boundaries will be such that no dredging will be done closer than 100 ft. to a breakwater or groin, and on the public beach site the remaining public beach will have at least a 200 ft. wide berm. No dredged beach slopes will be any steeper than a slope 6 ft. horizontally for every 1 ft. drop vertically.

It is proposed that the dredging be done in the near future and before the winter season. This is during a time when there is little spawning of fish life. Furthermore, since the actual dredging will be done in an area where extreme turbulence has existed (this means in water that's subject to the breaking wave action of the huge Pacific Ocean waves), it is very unlikely that it will be upsetting the biota existing offshore. There are no huge rocks with large kelp beds clinging to them in the project area, nor will the fill material drift out much beyond the point of the breaking waves.

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(Added, 9-22-80)

Since the dredging material is native beaching material, and the same ocean water used for dredging is used for filling, and since the area of this operation is confined to the very narrow wave-action zone, the environmental damage will, in fact, be almost non-existent. I, therefore, feel that under the California Environmental Quality Act and the environmental regulations adopted by the City of Oceanside, that this Negative Declaration is justified, legal, and in order.

John S. Halo
Coastal Engineer
RCE16539

jsh/ga

7/8/80

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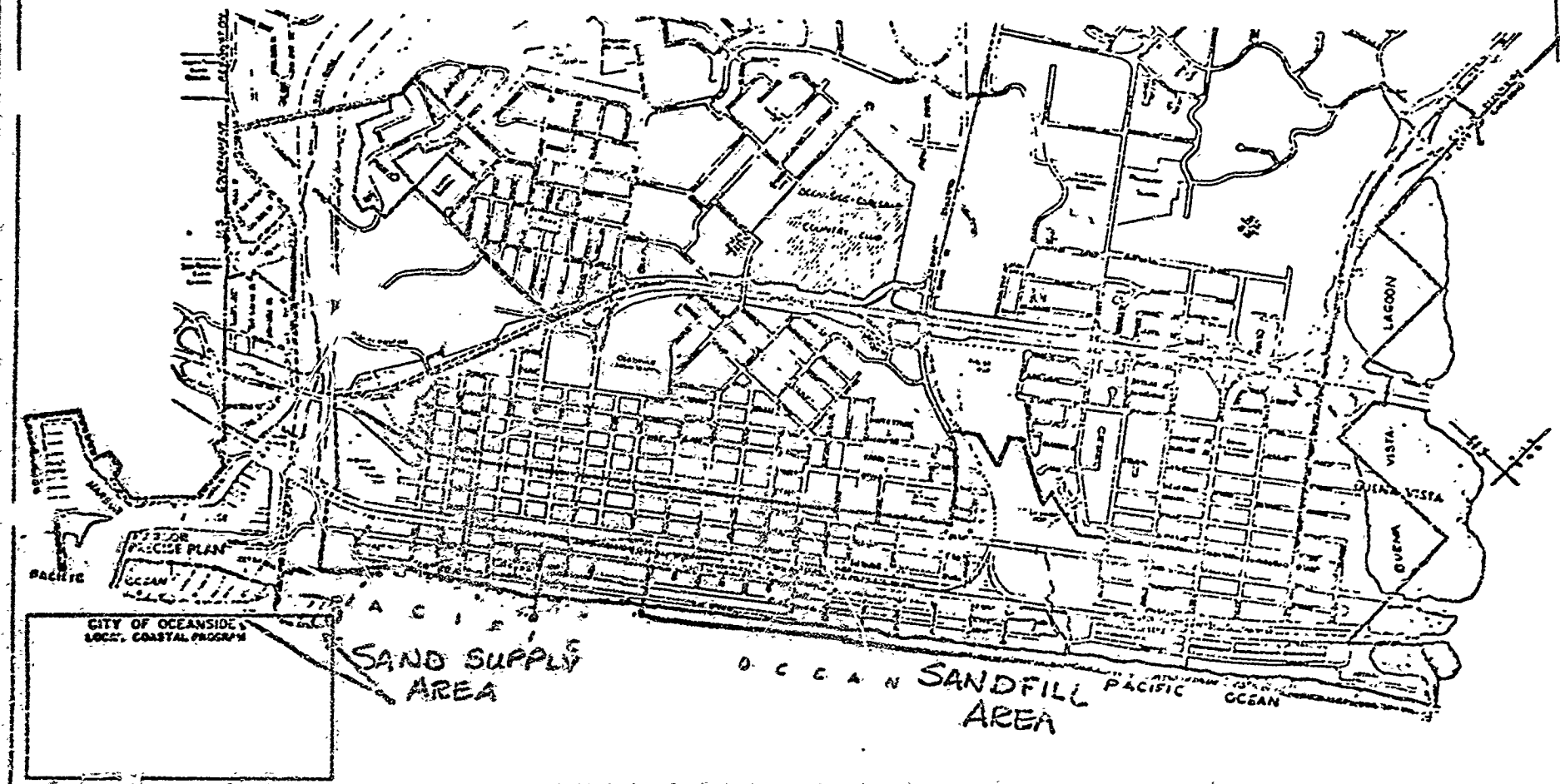
(Added, 9-27-80)



LOCATION MAP • OCEANSIDE SAND REPLENISHMENT PROJECT •

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(Added, 9-22-80)