

MINUTE ITEM

This Calendar Item No. 18
was approved as Minute Item
No. 18 by the State Lands
Commission by a vote of 3
0 at its 2/5/92
meeting.

CALENDAR ITEM

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A 9, 17
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02/05/92
PRC 709
Martinez

AUTHORIZATION TO OFFER, FOR COMPETITIVE BID,
A MINERAL EXTRACTION LEASE

PARTY:

State Lands Commission
1807 - 13th Street
Sacramento, California 95814

AREA, TYPE LAND AND LOCATION:

Tide and submerged lands in San Francisco Bay at Alcatraz
Shoals, Pt. Knox Shoals, and Presidio Shoals, San Francisco
and Marin counties.

LAND USE:

Extraction of sand and gravel resources.

TERMS OF PROPOSED LEASE:

Initial period:
Five (5) years.

Consideration:

Rent: \$2 per acre annually.

Royalty:

Royalty shall be according to the following schedule:
 $R = (0.10 W [Y]) B$
Where R = Royalty in dollars and cents paid to the
State, and
W = Weighted average lease quarter sales price, f.o.b.
the dock, per cubic yard, and
Y = Total lease quarter cubic yardage sold.

B = Bid factor which shall be no less than 1.0. The
annual extraction volume shall be a minimum of
40,000 cubic yards. The minimum royalty per cubic yard
shall not be less than \$.75.

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(ADDED pgs. 155-155.18)

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BASIS FOR CONSIDERATION:

Pursuant to 2 Cal. Code Regs. 2003.

STATUTORY AND OTHER REFERENCES:

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

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

AB 884:

N/A

OTHER PERTINENT INFORMATION:

1. Staff seeks an authorization to offer, for competitive public bid, a lease for extraction of sand and gravel resources within San Francisco Bay, hereafter referred to as the "project".
2. The areas to be offered for bid contain commercially valuable sand and gravel deposits.
3. In accordance with P.R.C. Section 6818, the Director of Parks and Recreation was notified of the proposed leases and has determined that the potential projects will not interfere with recreational use of the littoral lands.
4. The annual rental value of the sites is estimated to be \$1,800.
5. Pursuant to the Commission's delegation of authority and the State CEQA Guidelines (14 Cal. Code Regs. 15025), the staff has prepared a Proposed Negative Declaration identified as EIR ND 576, State Clearinghouse No. 91123064. Such Proposed Negative Declaration was prepared and circulated for public review pursuant to the provisions of CEQA.

Based upon the Initial Study, the Proposed Negative Declaration, and the comments received in response thereto, there is no substantial evidence that the project will have a significant effect on the environment. (14 Cal. Code Regs. 15074(b))

6. This activity involves lands identified as possessing significant environmental values pursuant to P.R.C. 6370, et seq. Based upon the staff's consultation with the persons nominating such lands and

through the CEQA review process, it is the staff's opinion that the project, as proposed, is consistent with its use classification.

FURTHER APPROVALS REQUIRED:

United States Army Corps of Engineers, San Francisco Bay Conservation and Development Commission (SFBCDC), Regional Water Quality Control Board, Department of Fish and Game, United States Fish and Wildlife Service, and National Marine Fisheries Service (NMFS).

EXHIBITS:

- A. Location Map
- B. Negative Declaration

IT IS RECOMMENDED THAT THE COMMISSION:

1. FIND THAT THIS ACTIVITY IS CONSISTENT WITH THE USE CLASSIFICATION DESIGNATED FOR THE LAND PURSUANT TO P.R.C. 6370, ET SEQ.
2. CERTIFY THAT A NEGATIVE DECLARATION, EIR ND 576, STATE CLEARINGHOUSE NO. 91123064, WAS PREPARED FOR THIS PROJECT PURSUANT TO THE PROVISIONS OF THE CEQA AND THAT THE COMMISSION HAS REVIEWED AND CONSIDERED THE INFORMATION CONTAINED THEREIN.
3. ADOPT THE PROPOSED NEGATIVE DECLARATION AND DETERMINE THAT THE PROJECT, AS APPROVED, WILL NOT HAVE A SIGNIFICANT EFFECT ON THE ENVIRONMENT.
4. DETERMINE THAT THE ACTION PROPOSED IN THE SUBJECT PROJECT DOES NOT UNREASONABLY INTERFERE WITH THE MAINTENANCE OR USE OF THE LAND INVOLVED FOR RECREATIONAL PURPOSES OR PROTECTION OF SHORE PROPERTIES.
5. CLASSIFY THE LANDS SHOWN IN EXHIBIT "A" AS LANDS CONTAINING COMMERCIALY VALUABLE MINERAL DEPOSITS.
6. AUTHORIZE THE OFFERING, FOR LEASE PURSUANT TO PUBLIC COMPETITIVE BID, THE AREAS OF TIDE AND SUBMERGED LANDS SITUATED IN SAN FRANCISCO BAY AT ALCATRAZ SHOALS, PT. KNOX SHOALS, AND PRESIDIO SHOALS, SAN FRANCISCO AND MARIN COUNTIES, AS SHOWN IN EXHIBIT "A" ATTACHED HERETO.

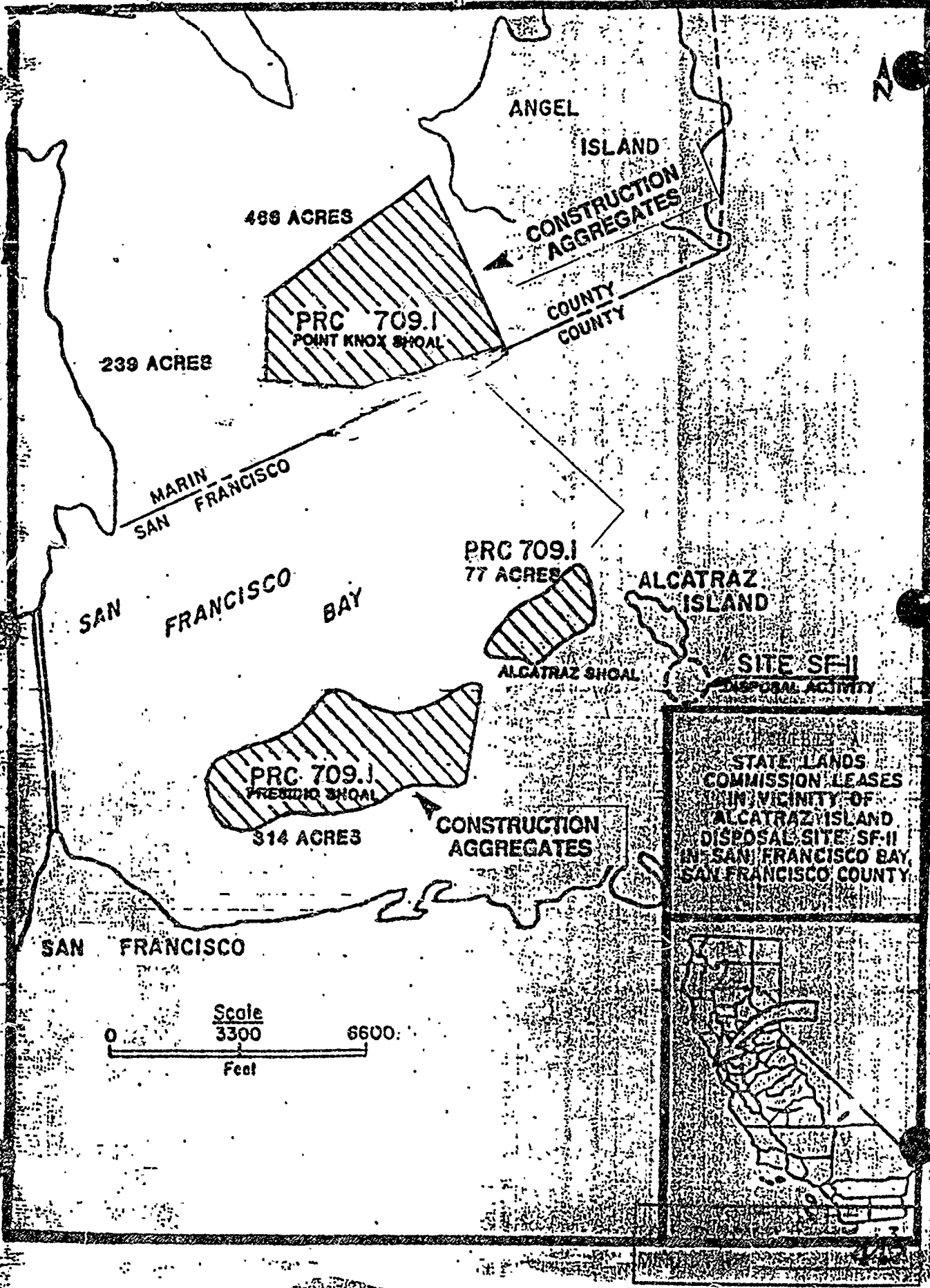


EXHIBIT B

STATE OF CALIFORNIA

PETE WILSON, Governor

STATE LANDS COMMISSION

LEO T. McCARTHY, *Lieutenant Governor*
GRAY DAVIS, *Controller*
THOMAS W. HAYES, *Director of Finance*

EXECUTIVE OFFICE
1807 - 13th Street
Sacramento, CA 95814

CHARLES WARREN
Executive Officer

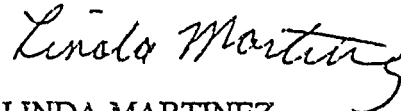
December 23, 1991
File: PRC 709
ND 576

NOTICE OF PUBLIC REVIEW OF A NEGATIVE DECLARATION
(SECTION 15073 CCR)

A Negative Declaration has been prepared pursuant to the requirements of the California Environmental Quality Act (Section 21000 et seq., Public Resources Code), the State CEQA guidelines (Section 15000 et seq., Title 14, California Code Regulations), and the State Lands Commission Regulations (Section 2901 et seq., Title 2, California Code Regulations) for a project currently being processed by the staff of the State Lands Commission.

The document is attached for your review. Comments should be addressed to the State Lands Commission office shown above with attention to the undersigned. All comments must be received by January 23, 1992.

Should you have any questions or need additional information, please call the undersigned at (916) 322-6375.



LINDA MARTINEZ
Division of Land Management

Attachment

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STATE LANDS COMMISSION

LEO T. McCARTHY, Lieutenant Governor
GRAY DAVIS, Controller
THOMAS W. HAYES, Director of Finance

EXECUTIVE OFFICE
1807 - 13th Street
Sacramento, CA 95834
CHARLES WARREN
Executive Officer

PROPOSED NEGATIVE DECLARATION

File: PRC 709
ND 576
SCH No. 91123064

Project Title: Construction Aggregates Corp. Sand & Gravel Extraction
Proponent: State Lands Commission
Project Location: San Francisco Bay at Alcatraz Shoal, Pt. Knox Shoal and Presidio Shoal, Marin and San Francisco counties.
Project Description: Proposed sand extraction for commercial sale.
Contact Person: Linda Martinez Telephone: 916/322-6375

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

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

this project will not have a significant effect on the environment.

mitigation measures included in the project will avoid potentially significant effects.

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INTRODUCTION

A nomination has been received from Construction Aggregates Corp. that lands under the jurisdiction of the State Lands Commission in San Francisco Bay at Pt. Knox Shoal, Alcatraz Shoal and Presidio Shoal, San Francisco and Marin Counties be offered for competitive bid leasing for the continued extraction of sand. The subject area is shown on the attached exhibit map. The site has been used for gravel extraction by Constructions Aggregates under lease from the State Lands Commission since 1952.

The current lease will expire in February, 1992. The material is extracted at the average rate of 45,000 cubic yards per month. The proposed extraction will continue at the same rate. The material will continue to be off-loaded at various bay area commercial sale upland sites. The proposed lease term will be five years.

The sand is extracted from the site using a specially built hopper dredge. The dredge is contained in a barge which is pushed by a tug. The barge is 230' long by 55' wide; the tug and barge unit together is about 300' in length. Capacity of the brge is 2,500 cubic yards.

During the extraction operation the barge is positioned at one of the shoals, the drag head is lowered to the sand and a sand/water mixture is pumped on board at an average composition of about 15% sand to 85% water by volume. Generally, the tug will orient the dredge into the prevailing tidal current and remain relatively stationary during loading operations. The sand from the shoals flow over the bottom to the draghead and are pumped on board. Fish or other animals that might be pumped up with the sand are caught at a grate and channeled back into the Bay.

As the barge is filled with sand, excess water begins to be returned to the Bay. There are two outlets for overflow water, one at each side of the stern end of the barge, just ahead of the tug. The rate of discharge of overflow water averages 16,000 GPM and the average time of discharge is 2.8 hours.

A trailing plume is visible behind the barge during flood and ebb tides and a more localized plume can be seen during slack tide. The plume is caused by the discharge of a portion of the "fine" materials that are mixed with the sand in the shoals. There are from 2 to 4% fines in the sand shoals where the sand is mined; when the sand is checked at the distribution points, it has from 1/2 to 1% fines content. The difference in fines content from shoal to distribution point is washed overboard from the dredge with the overflow water and it is this content, along with aeration bubbles,

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dissolved materials and plankton that define the plume which is visible around the dredge while it is loading sand.

The loaded barge returns to either the San Francisco or Oakland distribution points and is offloaded by conveyor belts into storage piles for distribution by trucks. The frequency of delivery corresponds to demand from the San Francisco and Oakland distribution points since there is very little (maximum 3 days) stockpiling at either point.

Extraction occurs only during weekdays. On the average, a little over one dredging episode per 24-hour weekday occurs at the project site. Occasionally operations are conducted after dark in which case the equipment is lighted as required by the U. S. Coast Guard.

The lease, when awarded, will require the lessee to obtain authorization from the U. S. Coast Guard, SFBCDC, RWQCB and the Corps of Engineers in consultation with the NMFS and USF&WS prior to commencing work.

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ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST - PART II

Form 13.20 (7/82)

File Ref.: PRC 709

I. BACKGROUND INFORMATION

A. Applicant: Construction Aggregates Corporation
25105 South Greneview
Tempe, Arizona 85282

B. Checklist Date: 12/11/91

C. Contact Person: Linda Martinez
Telephone: (916) 322-6375

D. Purpose: Extract sand for commercial sale.

E. Location: San Francisco Bay at Pt. Knox Shoal, Alcatraz Shoal and Presidio Shoal, San Francisco and Marin Counties.

F. Description: Continue sand extraction at the site as has taken place since 1952. The material is extracted at the average rate of 45,000 cubic yards per month. The material is off-loaded at various bay upland sites.

G. Persons Contacted: Caitlin Smith, SFBCDC

II. ENVIRONMENTAL IMPACTS. (Explain all "yes" and "maybe" answers)

A. Earth. Will the proposal result in:

Yes Maybe No

- 1. Unstable earth conditions or changes in geologic structures?
2. Disruptions, displacements, compaction, or overcovering of the soil?
3. Change in topography or ground surface relief features?
4. The destruction, covering, or modification of any unique geologic or physical features?
5. Any increase in wind or water erosion of soils, either on or off the site?
6. 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,
7. Exposure of all people or property to geologic hazards such as earthquakes, landslides, ground failure, or similar hazards?

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- | | Yes | Maybe | No |
|--|--------------------------|-------------------------------------|-------------------------------------|
| B. Air. Will the proposal result in: | | | |
| 1. Substantial air emissions or deterioration of ambient air quality? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. The creation of objectionable odors? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Alteration of air movement, moisture or temperature, or any change in climate, either locally or regionally? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| C. Water. Will the proposal result in: | | | |
| 1. Changes in the currents, or the course or direction of water movements, in either marine or fresh waters? .. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Changes in absorption rates, drainage patterns, or the rate and amount of surface water runoff? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Alterations to the course or flow of flood waters? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Change in the amount of surface water in any water body? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Discharge into surface waters, or in any alteration of surface water quality, including but not limited to temperature, dissolved oxygen or turbidity? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Alteration of the direction or rate of flow of ground waters? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 7. Change in the quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 8. Substantial reduction in the amount of water otherwise available for public water supplies? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 9. Exposure of people or property to water-related hazards such as flooding or tidal waves? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 10. Significant changes in the temperature, flow or chemical content of surface thermal springs? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| D. Plant Life. Will the proposal result in: | | | |
| 1. Change in the diversity of species, or number of any species of plants (including trees, shrubs, grass, crops, and aquatic plants)? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Reduction of the numbers of any unique, rare or endangered species of plants? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Introduction of new species of plants into an area, or in a barrier to the normal replenishment of existing species? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Reduction in acreage of any agricultural crop? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| E. Animal Life. Will the proposal result in: | | | |
| 1. 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)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Reduction of the numbers of any unique, rare or endangered species of animals? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Introduction of new species of animals into an area, or result in a barrier to the migration or movement of animals? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Deterioration to existing fish or wildlife habitat? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| F. Noise. Will the proposal result in: | | | |
| 1. Increase in existing noise levels? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Exposure of people to severe noise levels? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| G. Light and Glare. Will the proposal result in: | | | |
| 1. The production of new light or glare? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| H. Land Use. Will the proposal result in: | | | |
| 1. A substantial alteration of the present or planned land use of an area? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| I. Natural Resources. Will the proposal result in: | | | |
| 1. Increase in the rate of use of any natural resources? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Substantial depletion of any nonrenewable resources? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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- J. *Risk of Upset*. Does the proposal result in:
- | | Yes | Maybe | No |
|---|--------------------------|--------------------------|-------------------------------------|
| 1. 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Possible interference with emergency response plan or an emergency evacuation plan? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
- K. *Population*. Will the proposal result in:
- | | | | |
|---|--------------------------|--------------------------|-------------------------------------|
| 1. The alteration, distribution, density; or growth rate of the human population of the area? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|-------------------------------------|
- L. *Housing*. Will the proposal result in:
- | | | | |
|---|--------------------------|--------------------------|-------------------------------------|
| 1. Affecting existing housing, or create a demand for additional housing? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|---|--------------------------|--------------------------|-------------------------------------|
- M. *Transportation/Circulation*. Will the proposal result in:
- | | | | |
|---|--------------------------|-------------------------------------|-------------------------------------|
| 1. Generation of substantial additional vehicular movement? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Affecting existing parking facilities, or create a demand for new parking? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Substantial impact upon existing transportation systems? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Alterations to present patterns of circulation or movement of people and/or goods? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Alterations to waterborne, rail, or air traffic? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Increase in traffic hazards to motor vehicles, bicyclists, or pedestrians? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
- N. *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:
- | | | | |
|---|--------------------------|--------------------------|-------------------------------------|
| 1. Fire protection? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Police protection? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Schools? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Parks and other recreational facilities? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Maintenance of public facilities, including roads? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Other governmental services? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
- O. *Energy*. Will the proposal result in:
- | | | | |
|--|--------------------------|--------------------------|-------------------------------------|
| 1. Use of substantial amounts of fuel or energy? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Substantial increase in demand upon existing sources of energy, or require the development of new sources? .. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
- P. *Utilities*. Will the proposal result in a need for new systems, or substantial alterations to the following utilities:
- | | | | |
|------------------------------------|--------------------------|--------------------------|-------------------------------------|
| 1. Power or natural gas? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Communication systems? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Water? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 4. Sewer or septic tanks? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 5. Storm water drainage? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. Solid waste and disposal? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
- Q. *Human Health*. Will the proposal result in:
- | | | | |
|--|--------------------------|--------------------------|-------------------------------------|
| 1. Creation of any health hazard or potential health hazard (excluding mental health)? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Exposure of people to potential health hazards? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
- R. *Aesthetics*. Will the proposal result in:
- | | | | |
|--|--------------------------|--------------------------|-------------------------------------|
| 1. 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? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|-------------------------------------|
- S. *Recreation*. Will the proposal result in:
- | | | | |
|--|--------------------------|--------------------------|-------------------------------------|
| 1. An impact upon the quality or quantity of existing recreational opportunities? .. | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--|--------------------------|--------------------------|-------------------------------------|

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T. *Cultural Resources.*

Yes Maybe No

- 1. Will the proposal result in the alteration of or the destruction of a prehistoric or historic archeological site?
- 2. Will the proposal result in adverse physical or aesthetic effects to a prehistoric or historic building, structure, or object?
- 3. Does the proposal have the potential to cause a physical change which would affect unique ethnic cultural values?
- 4. Will the proposal restrict existing religious or sacred uses within the potential impact area?

U. *Mandatory Findings of Significance.*

- 1. Does the project have the potential to degrade the quality of the environment, 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?
- 2. Does the project have the potential to achieve short-term, to the disadvantage of long-term, environmental goals?
- 3. Does the project have impacts which are individually limited, but cumulatively considerable?
- 4. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

III. DISCUSSION OF ENVIRONMENTAL EVALUATION *(See Comments Attached)*

See attached.

IV. PRELIMINARY 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.

Date: 12-11-1971

Linda Martinez
 For the State Lands Commission
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DISCUSSION OF ENVIRONMENTAL EVALUATION
CONSTRUCTION AGGREGATES CORPORATION
SAND AND GRAVEL EXTRACTION
PRC 709

A. Earth

1. No. The project will not alter or cover any ground features or create unstable conditions because the extractions is conducted offshore and not beyond a previously disturbed depth.
2. Yes. The continued disruption and displacement of the bay bottom as a result of the on-going periodic extraction of material will be minimal due to the dynamic natural system of shoaling and eroding from natural flows and currents. Periodic testing will be conducted to monitor the rate of replenishment.
3. Yes. The extraction temporarily alters the topography at the site. However, the transitory effects of the periodic extraction of sand from this dynamically complex area is believed to be minor, local and to have insignificant adverse impacts as sand continues to migrate into the area. Period testing will be conducted to monitor the replenishment rate.
4. No. There are no known unique geologic or physical features on the bay bottom at the project site.
5. No. The project is underwater so there will be no soil erosion due to wind action. Soil erosion occurs at the site due to natural wave action, however, natural siltation also occurs.
6. Yes. Modification to the bay bottom will continue to be minimal due to the dynamic natural sand migration into the project area.
7. No. The project site is located offshore and not below a previously disturbed depth.

B. Air

1. No. There will be no increase in equipment currently being used at the site subject to Bay Area Air Pollution District regulations.

2. No. The project will not require the use of any hazardous material, however, some odor will be emitted from equipment during operation.
3. No. The minimal size and scope of the project, as currently in operation, will not change the local or regional air movement, temperature or climate.

C. Water

1. No. The project does not include any intake or discharge of any foreign fluids or materials into bay waters.
2. No. The project is located offshore.
3. No. The offshore extraction activities will not alter the course or flow of flood waters.
4. No. No change in the amount of surface water will occur due to the offshore extraction activity.
5. No. Water quality impacts of the current extraction activity at the site have been addressed in a study and determined to be minimal by the SFBCDC and the RWQCB.
6. No. The offshore location of the project will not impact groundwater.
7. No. The offshore location of the project will not impact groundwater.
8. No. The project does not propose the consumption of any public water supply.
9. No. See C.7. above.
10. No. No thermal springs have been identified within the project site.

D. Plant Life

1. No. The project site is currently being dredged and the depth of activity does not go beyond the previously disturbed level. Naturally siltation inhibits the permanent growth of plantlife at the site.

2. No. There are no known unique, rare or endangered species of aquatic plants at the project site. The site has been previously disturbed by on-going extraction activity.
3. No. The offshore location of the project does not require landscaping or other types of plant introduction at the project site.
4. No. The offshore location of the project does not involve any agricultural land.

E. Animal Life

1. Maybe. The project has the potential for impacting juvenile winter run chinook salmon, Delta smelt and herring spawning. However, since the project does not include in-bay disposal and the dredging activity will observe all time windows and operation restrictions established by the NMFS, USF&WS and the Department of Fish and Game the potential for impact is minimal.
2. No. Time and activity limitations established by the NMFS, USF&WS and the Department of Fish and Game will be adhered to.
3. No. See No. E.2. above.
4. No. The site is currently being dredged and the proposed dredging will not take place below the previously disturbed depth.

F. Noise

1. No. The noise level at the site will not be increased beyond the current level created by equipment in use, therefore, the regional level will not be increased.
2. No. The noise level created by the proposed activity is not considered to be significant. The offshore location of the project limits the number of people to be exposed to even the minimal noise level.

G. Light and Glare

1. No. The activity at the site is limited to daylight hours. Any lighting that may become necessary will have minimal impact due to the offshore location and will be in compliance with the U. S. Coast Guard requirements.

H. Land Use

1. No. The site is currently used for sand extraction activities.

I. Natural Resources

1. No. The site is currently being dredged and is continually replenished as part of the natural bay system. Periodic testing will be conducted to monitor the natural replenishment rate.
2. See No. I.1. above.

J. Risk of Upset

1. No. Explosives are not used in the project. There is minimal potential for a minor fuel spill in the event of catastrophic sinking of the equipment. All tug and barge operations are conducted in compliance with the U. S. Coast Guard.
2. No. The offshore activity does not interfere with the existing emergency response or evacuation plan for the area.

K. Population

1. No. The offshore project will not influence human population trends.

L. Housing

1. No. The offshore project will not affect existing housing or create a demand for additional housing.

M. Transportation/Circulation

1. No. The extracted sand is transported by barge to offloading/processing sites.

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2. No. The project will not require the need for additional parking areas.
3. No. The number of loads trucked from the processing sites is determined by market demand not the volume of sand extracted from a site.
4. Maybe. Waterborne traffic at the site is minimal because of the large capacity barge size used.
5. No. See No. M.4. above.
6. No. See No. M.1. above.

N. Public Services

1. No. The project will not require additional public services beyond that which exists for the project area.
2. No. See No. N.1. above.
3. No. See No. N.1. above.
4. No. See No. N.1. above.
5. No. See No. N.1. above.
6. No. See No. N.1. above.

O. Energy

1. No. Fuel will be required for equipment operation but not beyond that required for current operation of equipment at the site.
2. No. The size and scope of the activity will not require development of new energy sources.

P. Utilities

1. No. The size and scope of the project will not require development of new or altered public utility systems.
2. No. See No. P.1. above.

3. No. See No. P.1. above.
4. No. See No. P.1. above.
5. No. See No. P.1. above.
6. No. See No. P.1. above.

Q. Human Health

1. No. The equipment and process used does not create any hazard to human health.
2. No. The equipment used is maintained in an acceptable state of repair as required by the U. S. Coast Guard.

R. Aesthetics

1. No. The sand extraction activity will not create any new aesthetic impact to the area.

S. Recreation

1. No. Inerference with recreation will be minimized by the restriction to weekday operations. Removal of re-occurring sandbars created by natural silting will benefit navigation of recreational vessels.

T. Cultural Resources

1. No. The dredging activity will not go below previously disturbed depths.
2. No. The project is located offshore.
3. No. See No. T.1. above.
4. No. See No. T.2. above.

U. Mandatory Finding of Significance

1. No. The site has been dredged. The continued activity will not go beyond a previously disturbed depth. Periodic testing will occur to monitor the natural rate of replenishment. Time and

