MINUTE ITEM
This Calendar Item No. C14
was approved as Minute Item
No. 14 by the State Lands
Commission by a vote of 3
to 0 at its 1/8/92
meeting.

MINUTE ITEM C14

WP 5871

WP 5733

Martinez

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

Linda Martinez presented to the Commissioners a letter received from BayKeeper dated December 11, 1991, and her reply to them dated January 8, 1992, to be inserted into the minutes, copy attached.

A 4, 5, 8, 10, 11, 12

S 4, 6, 7, 9

CALENDAR PAGE
MINUTE PAGE 423

STATE OF CALIFORNIA
STATE LANDS COMMISSION
1807 13TH STREET
SACRAMENTO, CALIFORNIA 95814
(916) 322-6375

PETE WILSON, Governor

Cal. Item C14
1/8/92

January 8, 1992

File Ref.: WP 5733
WP 5871

Michael Herz
Executive Director
Baykeeper
Building A Fort Mason
San Francisco CA 94123 1382

Dear Dr. Herz:

By letter dated December 11, 1991, you provided, on behalf of Baykeeper, comments on the Negative Declaration (ND 572) prepared by the staff of the Commission for proposed sand and gravel extraction in San Francisco Bay at portions of Alcatraz Shoals and Carquinez Strait. We take this opportunity to address your comments as noted in Exhibit A.

Comment 1: The San Francisco Bay Regional Water Quality Control Board is the primary agency empowered by law to regulate activities affecting the State's water quality and is a Responsible Agency for the project under the provisions of the CEQA. As part of the environmental review process staff consultated with other regulatory agencies, including the Regional Board. The Commission's lease, if issued, will require lessee compliance with the terms and conditions of all other applicable permits, including that of the Board. The environmental review process has also included review of the Report on Sand Mining in San Francisco Bay prepared in November, 1990 by MEC Analytical Systems, Inc. This report includs the results of water quality testing at nearby Pt. Knox Shoal as well as other in-bay sites.

Comment 2: The California Department of Fish and Game, U. S. Fish and Wildlife Service and the National Marine Fisheries Service have reviewed the Proposed Negative Declaration. Any lease issued for sand and gravel extraction at the two proposed sites will require compliance with these agencies, including adherence to time windows established to mitigate potential impacts to Winter Run Salmon, Delta Smelt and the Herring fishery.

Comment 3: Again, as referred to in Comment 1, the Commission environmental review included consultation with the Regional Water Quality Control Board and any Commission lease issued for extraction at the site will require the lessee to obtain authorization from the Regional Board.

Comment 4: Please refer to response to Comment 1.

Comment 5: The environmental review conducted for this project gathered information on the potential impacts of the proposed activity. Staff's preparation of the environmental

CALENDAR PAGE
MINUTE PAGE 120

documentation relied, in part, on consultations with appropriate agencies and interested parties. Please see response to Comment 7.

Comment 6: The Commission takes every opportunity to coordinate with other regulatory, as well as interested, agencies and parties in processing in-bay activities on lands under its jurisdiction. Given the rapidly increasing rate at which information is becoming available, it is extremely important that communication and coordination be encouraged and the Commission will continue to take every opportunity to actively do so.

Comment 7: In addition to requiring lessee compliance with other regulatory agencies, the lease will provide for an on-going monitoring program, during the term of the lease, to collect data regarding the sand replenishment rate at the two sites. The data resulting at the end of the five-year lease term will be used to evaluate the analyses and conclusions within the environmental documentation. It is also anticipated that results from other on-going studies being conducted by the National Marine Fisheries Service, Corps of Engineers and the Regional Water Quality Control Board will be available when the term of the proposed lease expires. Such information will be used to further evaluate any potential cummulative impacts associated with future leasing policies for in-bay sand and gravel extraction.

As I hope I have conveyed to you during our recent conversations, we intend to subject every project to the level of analysis demanded by law, to continually strive to produce quality analyses, and to exercise the utmost caution with respect to the environmental quality of San Francisco Bay. Thank you for your comments. We will continue to keep you informed of in-bay activities involving lands under the Commission's jurisdiction.

Sincerely,

Linda Martinez

LINDA MARTINEZ
Senior Dredging Coordinator

Attch.

cc: Charles Warren, Executive Officer
Jane Sekelsky, Division Chief
Pete Phillips, DFG
Calvin Fong, Corps
Steve Goldbeck, SFBCDC
Mike Carlin, RWQCB

CALENDAR PAGE
MINUTE PAGE 240

bcc: J. Trout
R. Lynch
D. Sanders
J. Frey

CALENDAR PAGE
MINUTE PAGE

Original sent by facsimile 12/12/91

EXHIBIT "A"

BayKeeper

December 11, 1991

Linda Martinez
Division of Land Management
State Lands Commission
1807 - 13th Street
Sacramento, CA 95814

RE: Proposed Negative Declaration (Olin Jones Co.), File: WP 5871
WP 5733, ND 572

Dear Ms. Martinez:

We have reviewed the Proposed Negative Declaration for the sand dredging activity which would permit Olin Jones Co. to extract 150,000 cubic yards/year of sand from the Bay and believe that the information supplied is insufficient to warrant that the project will not have a significant effect on the environment for the following reasons:

1. The applicant has provided no information regarding water quality impacts of the proposed activity. To our knowledge, no one who has in the past dredged or is currently dredging sand from these areas of the Bay/Delta system has been required to characterize the sediment to be dredged. Particularly, in the case of the Alcatraz Shoals site, which is not far from the largest in-Bay dredge disposal site (and the site at which the most polluted Bay spoils can be disposed), sediment toxicity evaluation should be required to determine whether dredging could remobilize toxic materials and make them bioavailable. Without such information it is impossible to determine the potential for significant impacts to the environment.

2. The applicant has provided no information regarding the potential impacts of the proposed activity on threatened or endangered species such as the recently listed Winter Run Salmon and the Delta Smelt. Consideration should also be given to the potential impacts to herring and the herring fishery which takes place close to the Alcatraz Shoals site during December, January, February and March. Since this is the last remaining major commercial fishery in the estuary, evidence should be presented to indicate that sand dredging during these months will not affected herring schooling behavior or the quality of the ~~roe which is the~~ target of this fishery.

CALENDAR PAGE
MINUTE PAGE 4.53

a project of the San Francisco Bay-Delta Preservation Association

Building A Fort Mason
San Francisco
CA 94123 1382

Telephone: 415 567 4401
Facsimile: 415 567 9715
Hotline: 1 800 KEEPBAY

3. The applicant indicates that there will be no impact on dissolved oxygen or turbidity in surface waters (Item C-5 in the impacts Checklist). However, our own data (water transparency as indicated by Secchi disk readings and photos) collected during sand dredging in the central Bay indicate significant degradation of surface waters from 1/2 to one mile from the dredge. The applicant should be required to present data indicating that the activity will not degrade water quality.

4. The applicant presents no data regarding the discharge of silt from its dredging operation. The applicant should be required to characterize the constituents of its effluent (from the barge overflow pipes) as well to demonstrate that there is no impact to fish and benthic organisms in the vicinity. This is especially important because it appears that no regulatory agency has ever required applicants for sand mining permits or leases to conduct such characterization or to perform water sampling of the activity.

5. Since leases of the sort applied for run for 5 years, it is important that the State Lands Commission carefully evaluate the potential of the proposed activity for harming Bay habitats or resources before granting permission to proceed.

6. In the past, it appears that there has been little or no coordination among Bay regulatory agencies regarding the granting of leases or permits. Since the activity of sand mining is quite similar to that of dredging and dredge disposal, its regulation should occur in the context of dredging, where interagency coordination and public participation are emphasized, if not required. The State Lands Commission, in its new and aggressive role as a steward of marine resources, could take an important leadership role in achieving such coordination over this issue.

7. Other sand mining operations are ongoing in various parts of the Bay/Delta system. Sand mining already occurs at Presidio Shoals (and sometimes in or near Alcatraz Shoals). The cumulative effect of sand mining on the Bay and Delta should be addressed in an Environmental Impact Report.

The proposed activity does appear to " . . . have the potential to degrade the quality of the environment . . ." as well as to " . . . reduce the number or restrict the range of a rare or endangered plant or animal." (Checklist U-1, Mandatory Findings of Significance). We therefore believe that an Environmental Impact Report should be required for this activity.

Sincerely,

Michael Herz
BayKeeper & Executive Director

CALENDAR PAGE
MINUTE PAGE 203

cc: Department of Fish & Game (Phillips, Tasto)
Regional Water Quality Control Board (Carlin)
Bay Conservation & Development Commission (Goldbeck)
National Marine Fisheries Service (Fuller, Bybee)
U.S. Fish & Wildlife Service (White)
Environmental Protection Agency (Wyland, Barsamian)
Corps of Engineers (Fong)
United Anglers of California (Beuttler)
Golden Gate Sport Fishermen's Association (Thomas)
Pacific Coast Federation of Fishermen's Associations (Grader)

CALENDAR PAGE
MINUTE PAGE 483

CALENDAR ITEM

A 4, 5, 8, 10, 11, 12 C 14 01/08/92
WP 5871 PRC 5871
S 4, 6, 7, 9 WP 5733 PRC 5733
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 and Carquinez Strait, Contra Costa, San Francisco, and Solano counties.

LAND USE:
Extraction of sand and gravel resources.

TERMS OF PROPOSED LEASE:
Initial period:
Two lease opportunities will be offered. Each one will be for 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.

(ADDED pgs. 97-97.29)

CALENDAR PAGE 97
MINUTE PAGE

B = Bid factor which shall be no less than 1.0. The annual extraction volume shall be a minimum of 50,000 cubic yards. The minimum royalty per cubic yard shall not be less than $.75.

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, two leases for extraction of sand and gravel resources within San Francisco Bay and the Carquinez Strait, 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 combined annual rental value of the sites is estimated to be $1,974.

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 572, State Clearinghouse No. 91113030. 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), 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 572, STATE CLEARINGHOUSE NO. 91113030, 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 COMMERCIALLY VALUABLE MINERAL DEPOSITS.

6. AUTHORIZE THE OFFERING, PURSUANT TO PUBLIC COMPETITIVE BID, THE AREAS OF TIDE AND SUBMERGED LANDS SITUATED IN SAN FRANCISCO BAY AT CARQUINEZ STRAITS AND ALCATRAZ SHOALS, CONTRA COSTA, SAN FRANCISCO, AND SOLANO COUNTIES, AS SHOWN IN EXHIBIT "A" ATTACHED HERETO FOR LEASE.

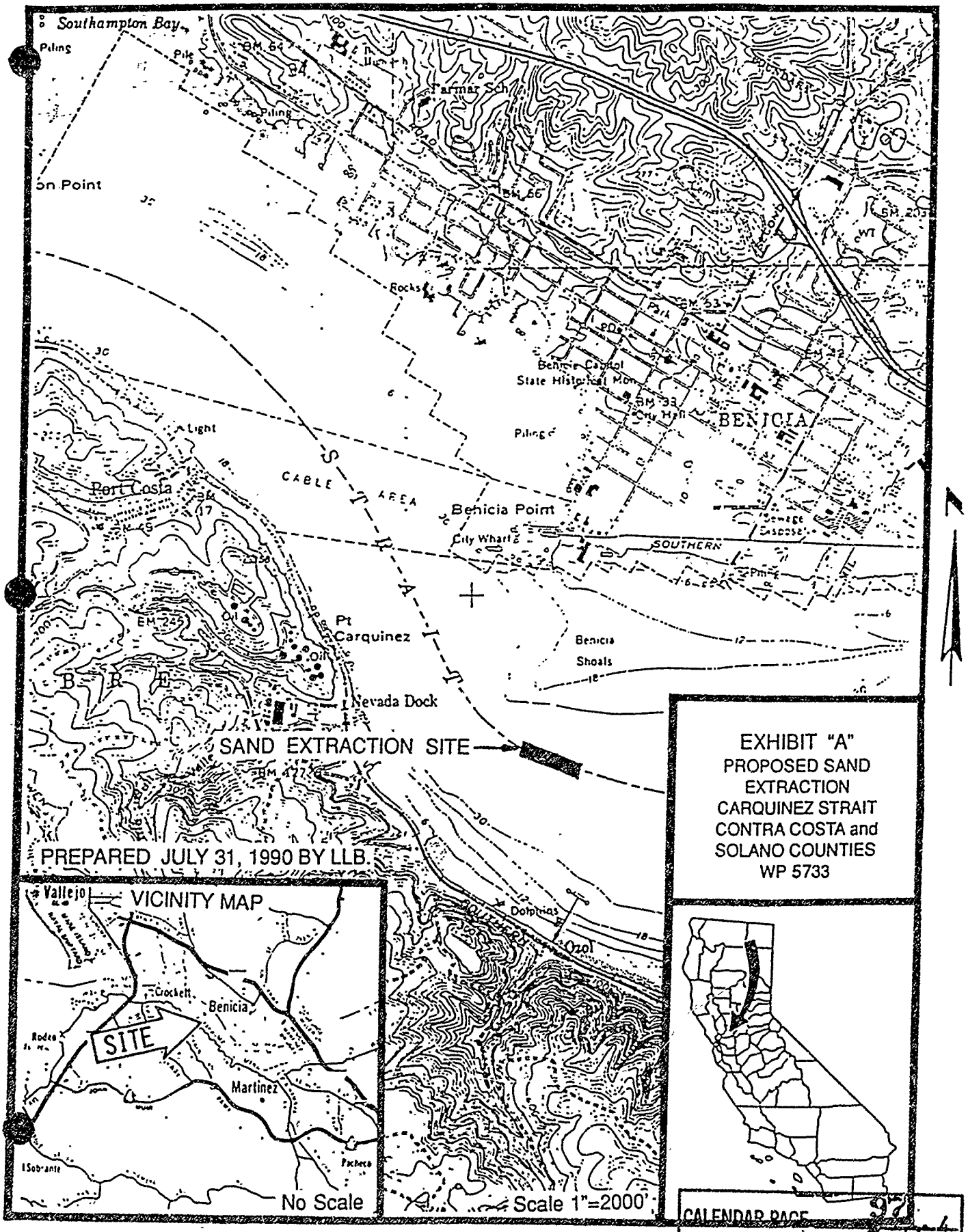


EXHIBIT "A"
PROPOSED SAND EXTRACTION
CARQUINEZ STRAIT
CONTRA COSTA and SOLANO COUNTIES
WP 5733

CALENDAR PAGE 97
MINUTE PAGE

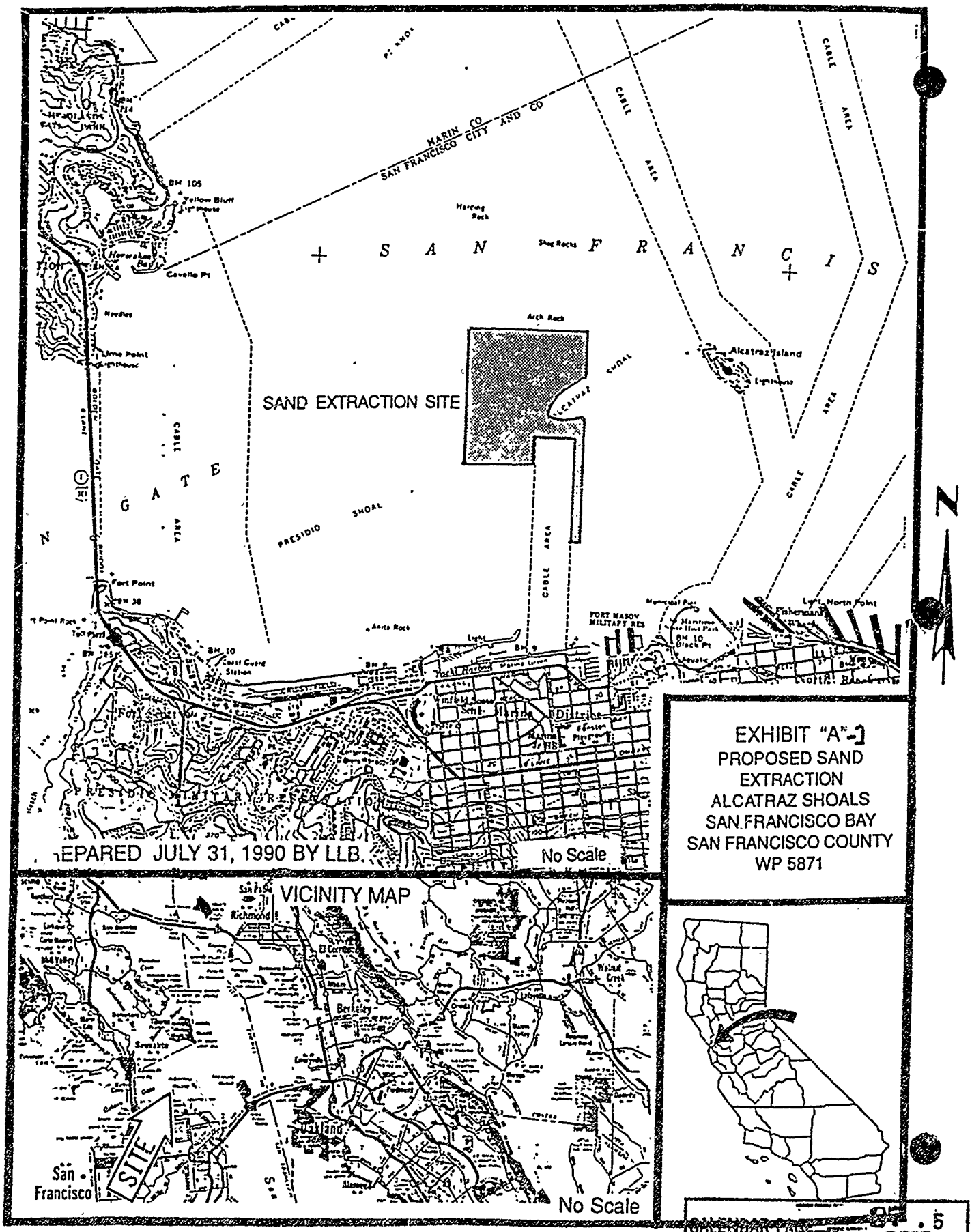


EXHIBIT "A"-1
PROPOSED SAND EXTRACTION
ALCATRAZ SHOALS
SAN FRANCISCO BAY
SAN FRANCISCO COUNTY
WP 5871

CALENDAR PAGE 87 . 5
MINUTE PAGE 159

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

November 8, 1991
File: WP 5871
WP 5733
ND 572

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 December 12, 1991.

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

Linda M Martinez

LINDA MARTINEZ
Division of Land Management

Attachment

CALENDAR PAGE 97 . 6
MINUTE PAGE

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

PROPOSED NEGATIVE DECLARATION

File: WP 5871
WP 5733
ND 572
SCH No. 91113030

Project Title:	Sand and Gravel Extraction
Proponent:	State Lands Commission
Project Location:	San Francisco Bay at Alcatraz Shoals and Carquinez Strait, Contra Costa, San Francisco and Solano 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:

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

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

CALENDAR PAGE 97 .7
MINUTE PAGE

INTRODUCTION

A nomination has been submitted to the State Lands Commission requesting the area in Alcatraz Shoals shown on the attached exhibit map be offered for competitive bid leasing for the extraction of 100,000 cubic yards of sand annually for five years with one five-year renewal option. The material will be off-loaded at various commercial sale upland sites. The project area has been dredged as proposed in the past.

The lease, when awarded, will require the lessee to obtain authorization from the SFBCDC, RWQCB and the Corps of Engineers prior to beginning the proposed project.

CALENDAR PAGE 97.8
MINUTE PAGE 473

STATE LANDS COMMISSION

ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST – PART II

Form 13.20 (7/82)

File Ref.: WP 5871

I. BACKGROUND INFORMATION

A. Applicant: Olin Jones Sand Co.
1725 Marina Vista
Martinez CA 94553

B. Checklist Date: 8/ 8 /90

C. Contact Person: Linda Martinez, Dredging Coordinator

Telephone: (916) 322-6375

D. Purpose: Extract sand for commercial sale.

E. Location: Alcatraz Shoals west of Alcatraz Island in San Francisco Bay, San Francisco County (see attached exhibit).

F. Description: Hydraulically dredge sand at the rate of 100,000 cubic yards per year and off-loading at various points as needed. The state-owned lands involved will be leased pursuant to competitive public bid for five years with one five-year renewal option.

G. Persons Contacted:
Department of Fish and Game

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 substructures?	☐	☐	☒
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, inlet	☐	☒	☐
7. Exposure of all people or property to geologic hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards?	☐	☐	☒

CALENDAR PAGE 97
MINUTE PAGE

B. *Air.* Will the proposal result in:

	Yes	Maybe	No
1. Substantial air emmissions or deterioration of ambient air quality?	☐	☐	☒
2. The creation of objectionable odors?	☐	☐	☒
3 Alteration of air movement, moisture or temperature, or any change in climate, either locally or regionally?	☐	☐	☒

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?	☐	☐	☒
2 Changes in absorption rates, drainage patterns, or the rate and amount of surface water runoff?	☐	☐	☒
3. Alterations to the course or flow of flood waters?	☐	☐	☒
4. Change in the amount of surface water in any water body?	☐	☐	☒
5. Discharge into surface waters, or in any alteration of surface water quality, including but not limited to temperature, dissolved oxygen or turbidity?	☐	☐	☒
6. Alteration of the direction or rate of flow of ground waters?	☐	☐	☒
7. Change in the quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations?	☐	☐	☒
8. Substantial reduction in the amount of water otherwise available for public water supplies?	☐	☐	☒
9. Exposure of people or property to water-related hazards such as flooding or tidal waves?	☐	☐	☒
10 Significant changes in the temperature, flow or chemical content of surface thermal springs?	☐	☐	☒

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)?	☐	☐	☒
2. Reduction of the numbers of any unique, rare or endangered species of plants?	☐	☐	☒
3. Introduction of new species of plants into an area, or in a barrier to the normal replenishment of existing species?	☐	☐	☒
4. Reduction in acreage of any agricultural crop?	☐	☐	☒

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)?	☐	☒	☐
2. Reduction of the numbers of any unique, rare or endangered species of animals?	☐	☐	☒
3 Introduction of new species of animals into an area, or result in a barrier to the migration or movement of animals?	☐	☐	☒
4. Deterioration to existing fish or wildlife habitat?	☐	☒	☐

F. *Noise.* Will the proposal result in:

1. Increase in existing noise levels?	☐	☐	☒
2. Exposure of people to severe noise levels?	☐	☐	☒

G. *Light and Glare.* Will the proposal result in:

1. The production of new light or glare?	☐	☐	☒

H. *Land Use.* Will the proposal result in:

1. A substantial alteration of the present or planned land use of an area?	☐	☐	☒

I. *Natural Resources.* Will the proposal result in:

1. Increase in the rate of use of any natural resources?	☐	☐	☒
2. Substantial depletion of any nonrenewable resources?	☐	☐	☒

CALENDAR PAGE 97.10
MINUTE PAGE 475

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?	☐	☐	☒
2. Possible interference with emergency response plan or an emergency evacuation plan?	☐	☐	●

K. *Population.* Will the proposal result in:

1. The alteration, distribution, density, or growth rate of the human population of the area?	☐	☐	☒

L. *Housing.* Will the proposal result in:

1. Affecting existing housing, or create a demand for additional housing?	☐	☐	☒

M. *Transportation/Circulation.* Will the proposal result in:

1. Generation of substantial additional vehicular movement?	☐	☐	☒
2. Affecting existing parking facilities, or create a demand for new parking?	☐	☐	☒
3. Substantial impact upon existing transportation systems?	☐	☐	☒
4. Alterations to present patterns of circulation or movement of people and/or goods?	☐	☒	☐
5. Alterations to waterborne, rail, or air traffic?	☐	☐	☒
6. Increase in traffic hazards to motor vehicles, bicyclists, or pedestrians?	☐	☐	☒

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?	☐	☐	☒
2. Police protection?	☐	☐	☒
3. Schools?	☐	☐	☒
4. Parks and other recreational facilities?	☐	☐	●
5. Maintenance of public facilities, including roads?	☐	☐	☒
6. Other governmental services?	☐	☐	☒

O. *Energy.* Will the proposal result in:

1. Use of substantial amounts of fuel or energy?	☐	☐	☒
2. Substantial increase in demand upon existing sources of energy, or require the development of new sources?	☐	☐	☒

P. *Utilities.* Will the proposal result in a need for new systems, or substantial alterations to the following utilities:

1. Power or natural gas?	☐	☐	☒
2. Communication systems?	☐	☐	☒
3. Water?	☐	☐	☒
4. Sewer or septic tanks?	☐	☐	☒
5. Storm water drainage?	☐	☐	☒
6. Solid waste and disposal?	☐	☐	☒

Q. *Human Health.* Will the proposal result in:

1. Creation of any health hazard or potential health hazard (excluding mental health)?	☐	☐	☒
2. Exposure of people to potential health hazards?	☐	☐	☒

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?	☐	☐	●

S. *Recreation.* Will the proposal result in:

1. An impact upon the quality or quantity of existing recreational opportunities? ☒

CALENDAR PAGE 97 11
MINUTE PAGE [illegible]

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)*

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 requied.

Date: 11.7.91

Linda [illegible]
For the State Lands Commission

CALENDAR PAGE 97.12
MINUTE PAGE [illegible]

Form 13.20 (7/82)

ATTACHMENT TO ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST

A.3, A.6.

The transitory effects of the removal of a volume of sand from this dynamically complex area is believed to be minor, local and to have insignificant adverse effects. The proposed operation will temprarily alter the topography. However, as sand continues to migrate into the project area there should be no significant irreversible environmental impact. The sand source is replenished by sediment transported from the Sacramento and San Joaquin Drainage areas as evidenced by the need for maintenance dredging in the adjacent Bulls Head Shipping Channel.

E.1, E.4.

The proposed dredging will be carried out in accordance with the recommendations of the Department of Fish and Game. At the request of SLC staff observers, including staff members of the Department of Fish and Game, will be allowed to board the dredge to observe the operations and to gather information on any effects dredging may have on aquatic resources.

F.1, F.2.

The project will create localized temporary noise. However, since the dredge will be equipped with mufflers and will be operating several thousand feet offshore of an industrial area the noise impact is not considered to be significant.

M.4.

The authorization for the proposed dredging will require compliance with the recommendations of the U. S. Coast Guard to assure there is no hazard to navigation.

The lessee will be required to take all necessary precautions to prevent damage to, or undermining of, the Suisun Bay North Channel Light or the floating aids to navigation near the bridge. If damage or undermining does occur, the Lessee will be responsible for notifying the Coast Guard immediately. The Lessee will be held responsible for any and all damage to the light and floating aids caused by his personnel or equipment.

Pipeline placement and removal across the bottom of the main shipping channel by the Lessee shall be coordinated with the Coast Guard, Port of San Francisco and the Navy so as to interfere with major shipping as little as possible and a notice to mariners can be initiated.

CALENDAR PAGE 97.13
MINUTE PAGE 133

U.3.

Although the project area has been periodically dredged in the past, the proposed rate of use does not suggest that sand sources will be rapidly depleted.

CALENDAR PAGE 97.14
MINUTE PAGE 450

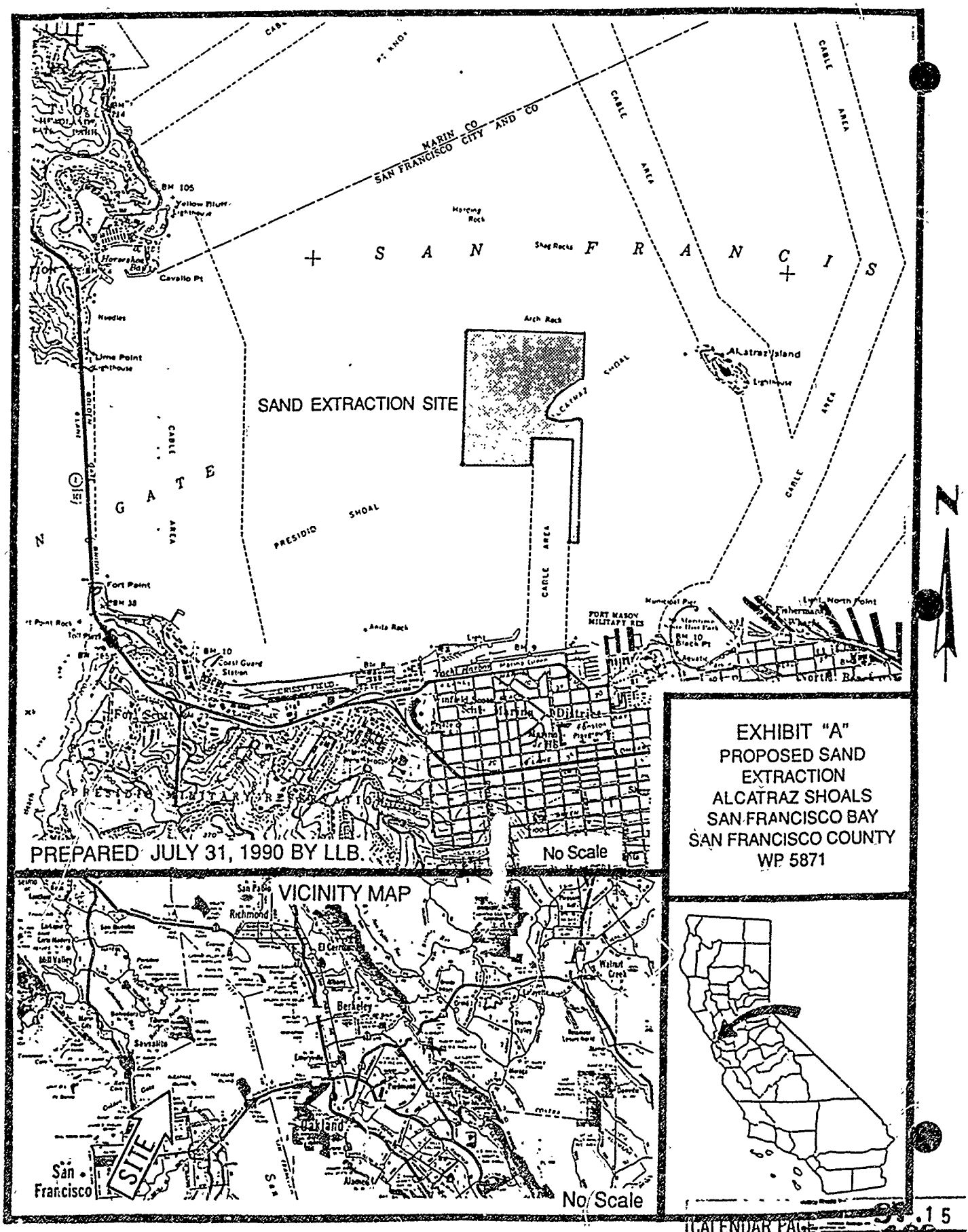


EXHIBIT "A"
PROPOSED SAND EXTRACTION
ALCATRAZ SHOALS
SAN FRANCISCO BAY
SAN FRANCISCO COUNTY
WP 5871

CALENDAR PAGE 95.15
MINUTE PAGE 208

INTRODUCTION

A nomination has been submitted to the State Lands Commission requesting the area in the Carquinez Straits, Contra Costa and Solano Counties shown on the attached exhibit map be offered for competitive bid leasing for the extraction of 50,000 cubic yards of sand annually for five years with one five-year renewal option. The material will be hydraulically dredged from Bulls Head Bar and pumped to an established onshore receiving site through a submerged pipeline positioned on the channel bottom when in use. The project area has been dredged, as proposed, in the past.

The lease, when awarded, will require the lessee to obtain authorization from the SFBCDC, RWQCB and the Corps of Engineers prior to beginning the proposed project.

The project will be conducted in accordance with all Water Quality Control Board Requirements and all onshore receiving operations will be restricted to existing industrial areas.

CALENDAR PAGE 97.16
MINUTE PAGE

STATE LANDS COMMISSION

ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST – PART II

Form 13.20 (7/82)

File Ref.: WP 5733

I. BACKGROUND INFORMATION

A. Applicant: Olin Jones Sand Co.
1725 Marina Vista
Martinez CA 94553

B. Checklist Date: 8/23/90

C. Contact Person: Linda Martinez, Dredging Coordinator

Telephone: (916) 322-6375

D. Purpose: Extract sand for commercial sale.

E. Location: Bulls Head Bar in the Carquinez Straits, Contra Costa and Solano Counties (see attached exhibit map).

F. Description: Hydraulically dredge sand at the rate of 50,000 cubic yards per year which will be pumped to an established onshore receiving site through a submerged pipeline positioned on the channel bottom when

G. Persons Contacted: The area has been dredged in the past. The state-owned lands involved will be leased pursuant to competitive public bid for five years with one five-year renewal option.

CONTACTS: SFBCDC, Coast Guard, Department of Fish and Game

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 substructures?	☐	☐	☒
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, inlet, or lake?	☐	☐	☒
7. Exposure of all people or property to geologic hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards?	☐	☐	☒

CALENDAR PAGE 37.17
MINUTE PAGE

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

CALENDAR PAGE 37.18
MINUTE PAGE 103

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?	☐	☐	☒
2. Possible interference with emergency response plan or an emergency evacuation plan?	☐	☐	●

K. *Population.* Will the proposal result in:

1. The alteration, distribution, density, or growth rate of the human population of the area?	☐	☐	☒

L. *Housing.* Will the proposal result in:

1. Affecting existing housing, or create a demand for additional housing?	☐	☐	☒

M. *Transportation/Circulation.* Will the proposal result in:

1. Generation of substantial additional vehicular movement?	☐	☐	☒
2. Affecting existing parking facilities, or create a demand for new parking?	☐	☐	☒
3. Substantial impact upon existing transportation systems?	☐	☐	☒
4. Alterations to present patterns of circulation or movement of people and/or goods?	☐	☒	☐
5. Alterations to waterborne, rail, or air traffic?	☐	☐	☒
6. Increase in traffic hazards to motor vehicles, bicyclists, or pedestrians?	☐	☐	☒

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?	☐	☐	☒
2. Police protection?	☐	☐	☒
3. Schools?	☐	☐	☒
4. Parks and other recreational facilities?	☐	☐	●
5. Maintenance of public facilities, including roads?	☐	☐	☒
6. Other governmental services?	☐	☐	☒

O. *Energy.* Will the proposal result in:

1. Use of substantial amounts of fuel or energy?	☐	☐	☒
2. Substantial increase in demand upon existing sources of energy, or require the development of new sources?	☐	☐	☒

P. *Utilities.* Will the proposal result in a need for new systems, or substantial alterations to the following utilities:

1. Power or natural gas?	☐	☐	☒
2. Communication systems?	☐	☐	☒
3. Water?	☐	☐	☒
4. Sewer or septic tanks?	☐	☐	☒
5. Storm water drainage?	☐	☐	☒
6. Solid waste and disposal?	☐	☐	☒

Q. *Human Health.* Will the proposal result in:

1. Creation of any health hazard or potential health hazard (excluding mental health)?	☐	☐	☒
2. Exposure of people to potential health hazards?	☐	☐	☒

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?	☐	☐	●

S. *Recreation.* Will the proposal result in:

1. An impact upon the quality or quantity of existing recreational opportunities?	☐	☐	☒

CALENDAR PAGE 97
MINUTE PAGE [illegible]

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)*

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 requied.

Date: 11.7.91

Linda Mat
For the State Lands Commission

CALENDAR PAGE 97.20
MINUTE PAGE 105

Form 13.20 (7/82)

ATTACHMENT TO ENVIRONMENTAL IMPACT ASSESSMENT CHECKLIST

A.3., A.6.

The transitory effects of the removal of a volume of sand from this dynamically complex area is believed to be minor, local and to have insignificant adverse effects. The proposed operation will temporarily alter the topography. However, as sand continues to migrate into the project area there should be no significant irreversible environmental impact.

E.1., E.4.

The proposed dredging will be carried out in accordance with the recommendations of the Department of Fish and Game to avoid interference with nearby popular fishing areas. At the request of SLC staff observers, including staff members of the Department of Fish and Game, will be allowed to board the dredge to observe the operations and to gather information on any effects dredging may have on aquatic resources.

M.4.

The authorization for the proposed dredging will require compliance with the operating procedures for the Vessel Traffic Safety System of the S. F. Bay. The project will be routinely monitored by the U. S. Coast Guard to assure there is no hazard to navigation.

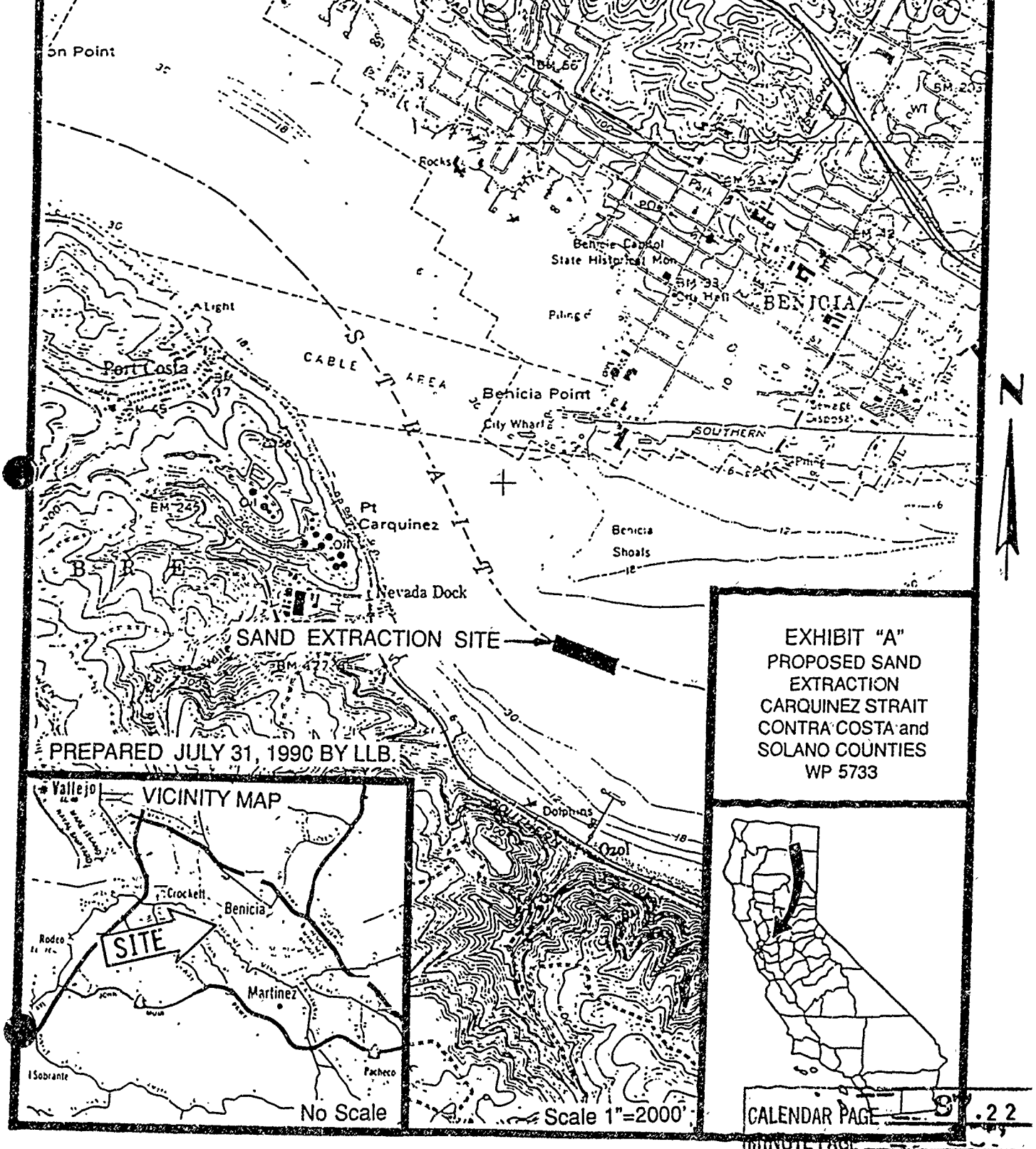
S.1.

The project area is a popular Striped Bass fishing area. Modifications in topography may temporarily alter fish schooling and feeding in the area and thereby reduce fishing success. Therefore, the proposed operations will not be carried out on weekends or holidays so as not to interfere with recreational boating and fishing.

U.3.

Although the Alcatraz Presidio and Pt. Knox Shoal areas have been periodically dredged for the past 40 years, the current rate of use does not suggest that Bay sand sources will be rapidly depleted.

CALENDAR PAGE 97.21
MINUTE PAGE



CALENDAR PAGE 87.22
MINUTE PAGE

DISCUSSION OF ENVIRONMENTAL EVALUATION
OLIN JONES SAND COMPANY
SAND AND GRAVEL EXTRACTION

W 5733
W 5871

A. Earth

1. No. The project will not alter or cover any ground features or create unstable conditions because the dredging will be offshore and not beyond a previously disturbed depth.

2. Yes. The disruption and displacement of the bay bottom as a result of the dredging 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 will temporarily alter the topography at the site. However, the transitory effects of the periodic removal 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. Periodic testing will be conducted to monitor the replenishment rate.

4. No. There are no known unique geologic or physical fatures 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 tottom will be minimal due to the dynamic natural sand migration into the project area.

7. No. The project location is offshore and not below a previously disturbed depth.

B. Air

1. No. The equipment to be used is in operation at other bay locations subject to Bay Area Air Pollution District regulations and will be relocated to the project site. The dredged material will be barged rather than trucked to the upland offloading/processing site thus minimizing

air quality impacts.

2. No. The project will not require the use of any hazardous material, however, some odor will be emitted from the equipment during dredging and barging.

3. No. The minimal size and scope of the project 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 project 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. The offloading of material is not a new use to the upland offloading/processing site.

7. No. The offshore location of the project will not impact groundwater.

8. No. The kproject 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 has previously been dredged periodically and the proposed activity will not disturb any existing vegetation because it will not go beyond the previously disturbed depth. Natural siltation inhibits the permanent growth of plantlife at the site.

CALENDAR PAGE 97.24
MINUTE PAGE

2. No. The project site has been previously disturbed and there are presently no known unique, rare or endangered species of aquatic plants at the project site.

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 rune chinook salmon and Delta smelt (listed under the Endangered Species Act) 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 and the Department of Fish and Game the potential for impact is minimal.

2. No. Time and activity limitations established by the NMFS and Fish and Game will be adhered to.

3. No. See No. E2 above.

4. No. The project site has been periodically disturbed and the proposed dredging activity will not go below a previously disturbed depth.

F. Noise

1. No. The noise level at the site will be increased by the diesel engines on the tug and barge, however, since the equipment will be relocated to the site from other in-bay locations the regional noise level will not be increased. The noise level at the site is considered to be minimal in comparison to noise and other impacts that would be created by trucking rather than barging the sand.

2. No. The noise level created by the proposed activity is not considered to be severe. Furthermore, 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 proposed activities will be limited to daylight hours (approximately 3/day). Any lighting required 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 has been used for sand extraction activities in past years.

I. Natural Resources

1. No. The site has been extracted in the past 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. I2 above.

J. Risk of Upset

1. No. Explosives will not be used in the project. There is the minimal potential for a minor fueld spill in the event of catastrophic sinking of the tug. All tug and barge operations will be in compliance with the U. S. Coast Guard.

2. No. The offshore activity will 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 will be transported by barge rather than trucked to the offloading/processing site. Trucking from the upland site already occurs and the daily trips will not increase as a result of this project.

2. No. The project will not require the need for additional parking areas.

3. No. The number of loads trucked from the processing site

CALENDAR PAGE 97.26
MINUTE PAGE

daily is determined by market demand not the volume of sand extracted from a particular site.

4. Maybe. Waterborne traffic at the site will be minimal because of the large capacity barge size to be used. The traffic at the wite will decrease traffic at other in-bay sites because the same equipment will be used. Activity will take place only on weekdays approximately three hours per day.

5. No. See No. M4 above.

6. No. See No. M1 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. N1 above.

3. No. See No. N1 above.

4. No. See No. N1 above.

5. No. See No. N1 above.

6. No. See No. N1 above.

O. Energy

1. No. Fueld will be required for tug operation but not beyond that required for operation of the tug at other in-bay sites. Tug and barge fuel consumption is more efficient than what kwould be required for trucking.

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. P1 above.

3. No. See No. P1 above.

4. No. See No. P1 above.

CALENDAR PAGE 97.27
MINUTE PAGE

5. No. See No. P1 above.

6. No. See No. P1 above.

Q. Human Health

1. No. The equipment and process to be used will not create any hazard to human health.

2. No. The equipment to be used will be 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. Interference with recreation will be minimized by the restriction to weekday operations. Removal of reoccurring sandbards 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. T1 above.

4. No. See No. T2 above.

U. Mandatory Finding of Significance

1. No. The site has been periodically dredged during the past several years. The activity will not go beyond a previously disturbed depth. Periodic testing will occur to monitor the natural rate of replenishment. Time and operation restrictions established by the NMFS and Fish and Game will be adhered to in order to protect known fishery resources at the site.

2. No. The extraction of naturally replenished sediment not below a previously disturbed depth will not increase environmental impacts at the site.

3. No. Dredging activity is not a new acceptable use of the

site.

4. No. The project will not cause substantial adverse effects on human beings.

CALENDAR PAGE 97.29
MINUTE PAGE