

MINUTE ITEM  
This Calendar Item No. C03  
was approved as Minute Item  
No. 03 by the State Lands  
Commission by a vote of 3  
to 0 at its 4-28-93  
meeting.

CALENDAR ITEM

C03

A 8  
S 4

04/28/93  
W 25012  
Fong  
PRC 7679

GENERAL PERMIT - PUBLIC AGENCY USE

**Applicant:**

San Luis and Delta Mendota Water Authority  
Rt. 1 Box 35 F  
Byron, California 94514-9614

**AREA, TYPE LAND AND LOCATION:**

0.16-acre parcel of tide and submerged lands located at the  
confluence of the Sacramento River and Georgiana Slough  
adjacent to the town of Walnut Grove, Sacramento County.

**LAND USE:**

Installation, testing and data collection of an underwater  
acoustic behavioral fish repulsion system.

**PROPOSED PERMIT TERMS:**

Permit period:  
Ninety days beginning April 28, 1993.

**Special:**

Permittee shall submit all reports and evaluations of  
the demonstration project to the staff of the State  
Lands Commission.

**CONSIDERATION:**

The public benefit; with the State reserving the right at  
any time to set a monetary rental if the Commission finds  
such action to be in the State's best interest.

**BASIS FOR CONSIDERATION:**

Pursuant to 2 Cal. Code Regs. 2003.

**APPLICANT STATUS:**

Applicant is permittee of upland.

**PREREQUISITE CONDITIONS, FEES AND EXPENSES:**

Filing fee and application processing expense deposit have  
been received.

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**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. 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.
2. Pursuant to the Commission's delegation of authority and the State CEQA Guidelines (14 Cal. Code Regs. 15061), the staff has determined that this activity is exempt from the requirements of the CEQA as a categorically exempt project. The project is exempt under Class 6, Scientific Information Gathering, 14 Cal Code Regs. 15306.
3. Juvenile chinook salmon, during their migration, are susceptible to diversion from the Sacramento River at the Delta Cross-channel and Georgiana Slough. Studies have shown that these salmon smelts which are diverted into the interior delta suffer a higher mortality. Currently the winter-run chinook salmon are diverted from the interior delta by closure of the Delta Cross-channel gates during the period of migration. However, some winter-run chinook salmon are susceptible to movement to the interior Delta through Georgiana Slough. As an alternative to a physical barrier across the mouth of Georgiana Slough, the use of a behavioral barrier designed to utilize the avoidance response of juvenile salmon to reduce diversion into Georgiana Slough is proposed.

The applicant proposes to determine the effectiveness of such a system by testing the "acoustic barrier" on

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the release of the fall-run salmon will reach the Georgiana Slough confluence of the Sacramento River on May 1. This test will require about 60 days to complete.

The acoustic barrier will consist of seven underwater buoys, each with an attached speaker and individual power cable. The underwater buoys are held in place with a concrete anchor which is easily placed and removed. The buoys will not constitute any impediment to navigation.

**APPROVALS OBTAINED:**

United States Army Corps of Engineers and State Reclamation Board.

**FURTHER APPROVALS REQUIRED:**

State Lands Commission.

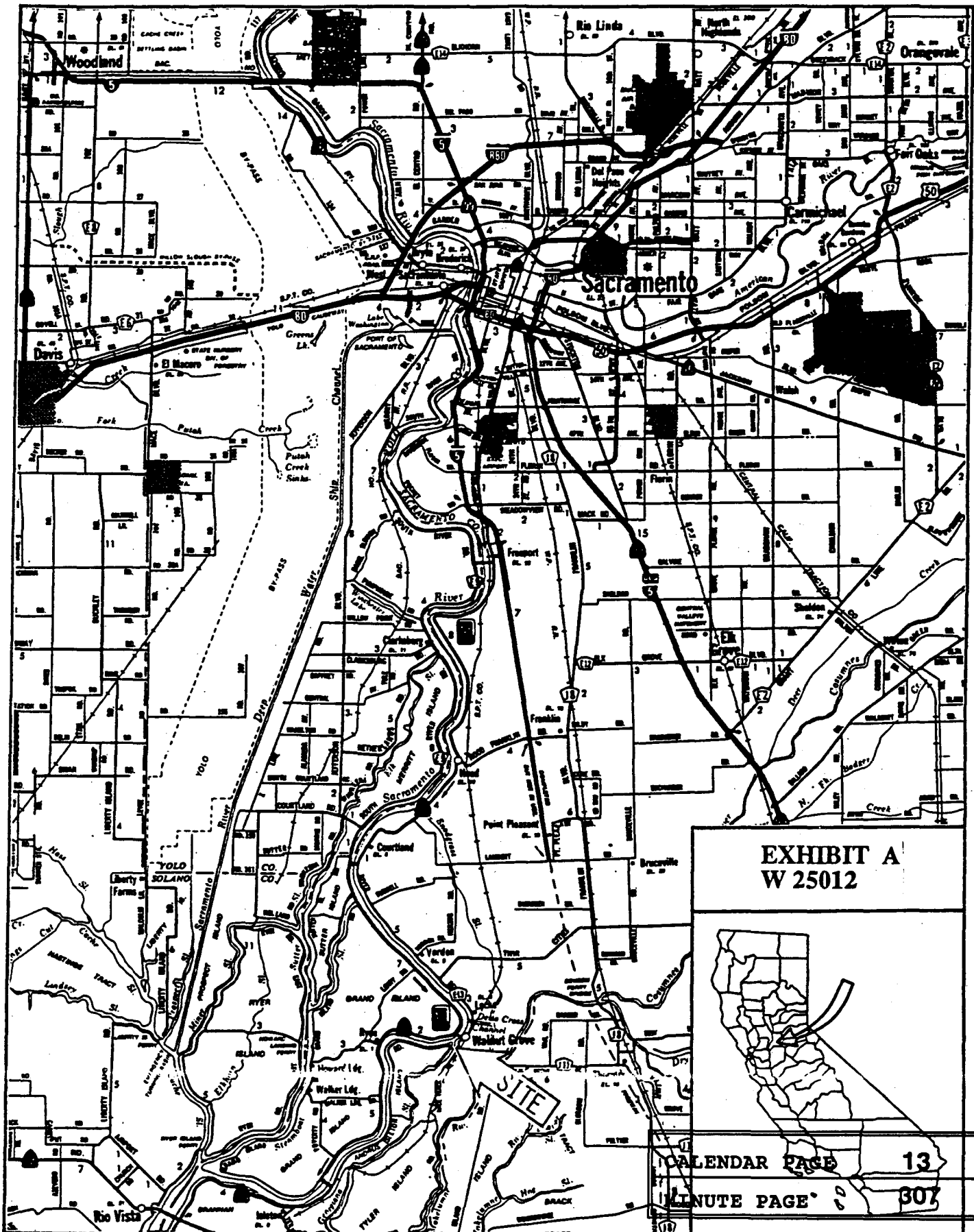
**EXHIBITS:**

- A. Land Description
- B. Location Map

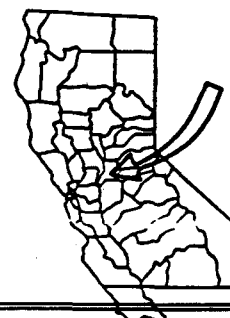
**IT IS RECOMMENDED THAT THE COMMISSION:**

1. FIND THAT THIS ACTIVITY IS CONSISTENT WITH THE USE CLASSIFICATION DESIGNATED FOR THE LAND PURSUANT TO P.R.C. 6370, ET SEQ.
2. FIND THAT THE ACTIVITY IS EXEMPT FROM THE REQUIREMENTS OF THE CEQA PURSUANT TO 14 CAL. CODE REGS. 15061 AS A CATEGORICALLY EXEMPT PROJECT, CLASS 6, SCIENTIFIC DATA INFORMATION GATHERING, 14 CAL. CODE REGS. 15306.
3. AUTHORIZE ISSUANCE TO SAN LUIS AND DELTA MENDOTA WATER AUTHORITY OF A NINETY DAY GENERAL PERMIT - PUBLIC AGENCY USE BEGINNING APRIL 28, 1993; IN CONSIDERATION OF THE PUBLIC BENEFIT, WITH THE STATE RESERVING THE RIGHT AT ANY TIME TO SET A MONETARY RENTAL IF THE COMMISSION FINDS SUCH ACTION TO BE IN THE STATE'S BEST INTEREST; FOR THE INSTALLATION, TESTING AND DATA COLLECTION OF AN UNDERWATER ACOUSTIC BEHAVIORAL FISH REPULSION SYSTEM ON THE LAND DESCRIBED ON EXHIBIT "A" ATTACHED AND BY REFERENCE MADE A PART HEREOF.

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**EXHIBIT A  
W 25012**



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SACRAMENTO RIVER



SOUND CONTROL TRAILER

SOUND BARRIER LOCATION

GEORGIANA SLOUGH

WATER LEVEL

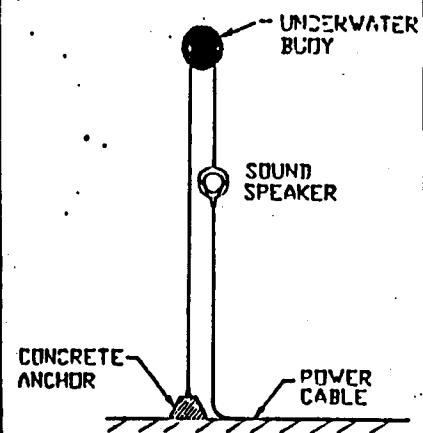


EXHIBIT B  
W 25012

EESCO  
FT LAUDERDALE, FLORIDA  
PROPOSED INSTALLATION AT  
GEORGIANA SLOUGH  
FOR  
SAN LUIS & DELTA-MENDOTA  
WATER AUTHORITY

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This Land description is solely for purposes of generally defining the lease premises, and is not intended to be, nor shall it be construed as, a waiver or limitation of any State interest in the subject or any other property.