

**MINUTE ITEM**  
This Calendar Item No. C20 was approved as  
Minute Item No. 20 by the California State Lands  
Commission by a vote of 3 to 0 at its  
6-27-00 meeting.

**CALENDAR ITEM**  
**C20**

A 2, 3

S 1, 4

June 27, 2000

PRC 8176.9

W 24626

D. Jones

**GENERAL LEASE - PUBLIC AGENCY USE**

**LESSEE:**

Glenn-Colusa Irrigation District  
P. O. Box 150  
Willows, California 95988

**AREA, LAND TYPE, AND LOCATION:**

Sovereign lands in the Sacramento River, between River Miles 205 and 206 near Hamilton City, Glenn, Tehama, Colusa, and Butte counties.

**AUTHORIZED USE:**

The construction, operation and maintenance of a Riverbed Gradient Facility which is a component of the Hamilton City Pumping Plant Fish Screen Improvement Project.

**LEASE TERM:**

49 years, beginning April 1, 2000.

**CONSIDERATION:**

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

**OTHER PERTINENT INFORMATION:**

1. Applicant has the right to use the uplands adjoining the lease premises.

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2. Part of the Glenn-Colusa Irrigation District's (GCID) water conveyance system includes the Hamilton City Pumping Plant (HCPP). Since the 1920's, numerous efforts have been made to protect fisheries from significant impacts caused by the HCPP. These efforts have been largely unsuccessful. To assist in the ongoing effort of fisheries protection, Congress authorized the Bureau of Reclamation to participate with the State of California and other Federal agencies (California Department of Water Resources, California Department of Fish and Game, U. S. Fish and Wildlife Service, and the National Marine Fisheries Service) in the development and implementation of an ongoing program to fully mitigate the fisheries impacts associated with HCPP. These joint efforts led to Congress authorizing the construction of a new fish screen and a riverbed gradient facility at the HCPP.

The primary purposes of the fish screening project are to: 1) minimize losses of all fish in the vicinity of the pumping plant diversion, including endangered winter-run chinook salmon; and 2) to maximize GCID's capability to divert the full quantity of water it is entitled to divert to meet its water supply delivery obligations. The improvements to the fish screen itself do not require a State Lands Commission lease because the project qualifies under Section 6327 of the Public Resources Code. This section provides that a facility for the procurement of fresh water into navigable waters does not require a Commission permit if the applicant has obtained the required permit from The Reclamation Board or the U. S. Corps of Engineers. The GCID has obtained a U. S. Corps of Engineer's permit. Thus it does not need a Commission lease for the fish screen.

The proposed Riverbed Gradient Facility is an integral component of GCID's fish screen improvement project, but does not qualify under Section 6327. Therefore, a lease from the Commission is required. The facility will be located on the west channel of the Sacramento River between River Miles 205 and 206, whereas the fish screen will be located on the intake channel east of the proposed gradient facility.

The Gradient Facility's (GF) purpose is to restore the elevation of the Sacramento River so that there is an appropriate pattern of flows at the GCID intake and fish screen. Its overall functions will be to: 1) stabilize the local Sacramento River reach to reduce the effect of river gradient changes on screen performance; 2) increase water-surface elevations at the fish screen facility to provide adequate hydraulic gradient to operate a

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fish bypass system; and 3) stabilize water levels at the fish screen to increase the efficiency of pumping plant operations. The GF is designed after the physical attributes of naturally occurring riffles located on the Sacramento River. When fully constructed, the resource agencies believe the project will vastly improve the passage of fish in the reach of the river near the GCID's water diversion and fish screen.

The GF extends along approximately 1,000 feet of the Sacramento River, involves dredging, and consists primarily of three sheetpile cutoff walls embedded into the riverbed, and riprap.

A boater safety program will be implemented during the construction of the facility.

Due to scheduling constraints and the need to complete the project this year, the U. S. Government exercised its navigational servitude and began construction of the project around April 1, 2000. A lease for this project is still required from the GCID.

3. An EIR/EIS was prepared and certified for this project by Glenn-Colusa Irrigation District; California Department of Fish and Game; U. S. Army Corps of Engineers; and U.S. Department of Interior, Bureau of Reclamation. The California State Lands Commission staff has reviewed such document and Mitigation Monitoring Program adopted by the lead agency.
4. This activity involves lands identified as possessing significant environmental values pursuant to Public Resources Code sections 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.

**APPROVALS OBTAINED:**

U. S. Army Corps of Engineers; U. S. Fish and Wildlife Service; U. S. Department of Interior, Bureau of Reclamation; California Department of Fish and Game; The Reclamation Board; California Regional Water Quality Control Board.

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**EXHIBITS:**

- A.. Site and Location Map
- B.. Notice of Determination

**PERMIT STREAMLINING ACT DEADLINE:**

October 5, 2000

**RECOMMENDED ACTION:**

IT IS RECOMMENDED THAT THE COMMISSION:

**CEQA FINDING:**

FIND THAT AN EIR/EIS WAS PREPARED AND CERTIFIED FOR THIS PROJECT BY GLENN-COLUSA IRRIGATION DISTRICT; CALIFORNIA DEPARTMENT OF FISH AND GAME; U. S. ARMY CORPS OF ENGINEERS; AND THE U. S. DEPARTMENT OF INTERIOR, BUREAU OF RECLAMATION AND THAT THE COMMISSION HAS REVIEWED AND CONSIDERED THE INFORMATION CONTAINED THEREIN.

ADOPT THE FINDINGS MADE IN CONFORMANCE WITH TITLE 14, CALIFORNIA CODE OF REGULATIONS, SECTIONS 15091 AND 15096 (h), AS CONTAINED ON FILE IN THE OFFICE OF THE CALIFORNIA STATE LANDS COMMISSION.

ADOPT THE MITIGATION MONITORING PROGRAM, AS CONTAINED ON FILE IN THE OFFICE OF THE CALIFORNIA STATE LANDS COMMISSION.

ADOPT THE STATEMENT OF OVERRIDING CONSIDERATIONS MADE IN CONFORMANCE WITH TITLE 14, CALIFORNIA CODE OF REGULATIONS, SECTION 15093, AS CONTAINED ON FILE IN THE OFFICE OF THE CALIFORNIA STATE LANDS COMMISSION.

**SIGNIFICANT LANDS INVENTORY FINDING:**

FIND THAT THIS ACTIVITY IS CONSISTENT WITH THE USE CLASSIFICATION DESIGNATED BY THE COMMISSION FOR THE LAND PURSUANT TO PUBLIC RESOURCES CODE SECTIONS 6370, ET SEQ.

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**AUTHORIZATION:**

AUTHORIZE ISSUANCE TO THE GLENN-COLUSA IRRIGATION DISTRICT OF A GENERAL LEASE - PUBLIC AGENCY USE, BEGINNING APRIL 1, 2000, FOR A TERM OF 49 YEARS, FOR A RIVERBED GRADIENT FACILITY ON THE LAND DESCRIBED AND SHOWN ON EXHIBITS A AND B, RESPECTIVELY, ATTACHED AND BY THIS REFERENCE MADE A PART HEREOF.

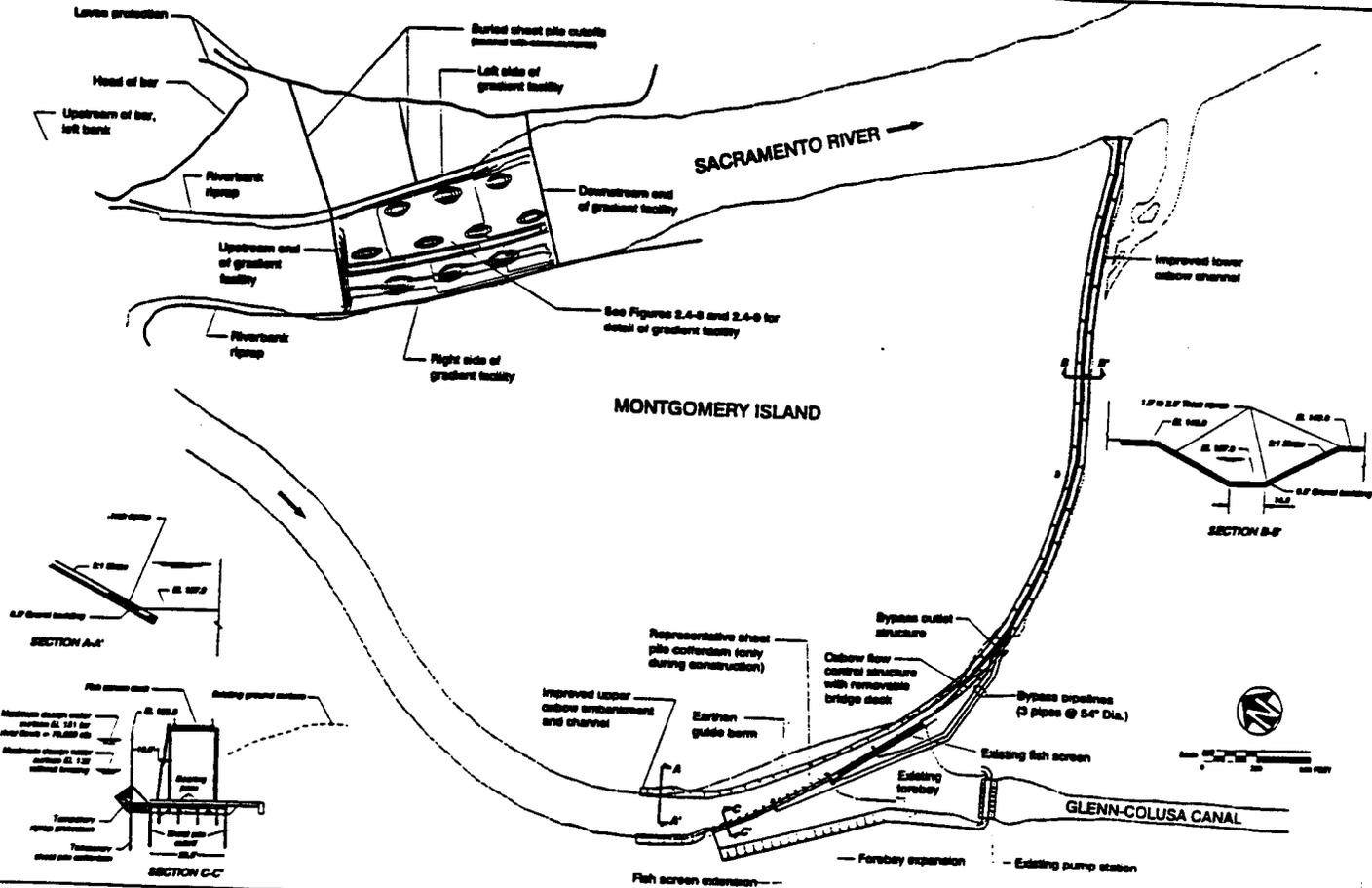
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NO SCALE

# EXHIBIT A SITE MAP

SCREEN EXTENSION WITH GRADIENT FACILITY AND INTERNAL FISH BYPASS WITH RETURN TO OXBOW ALTERNATIVE

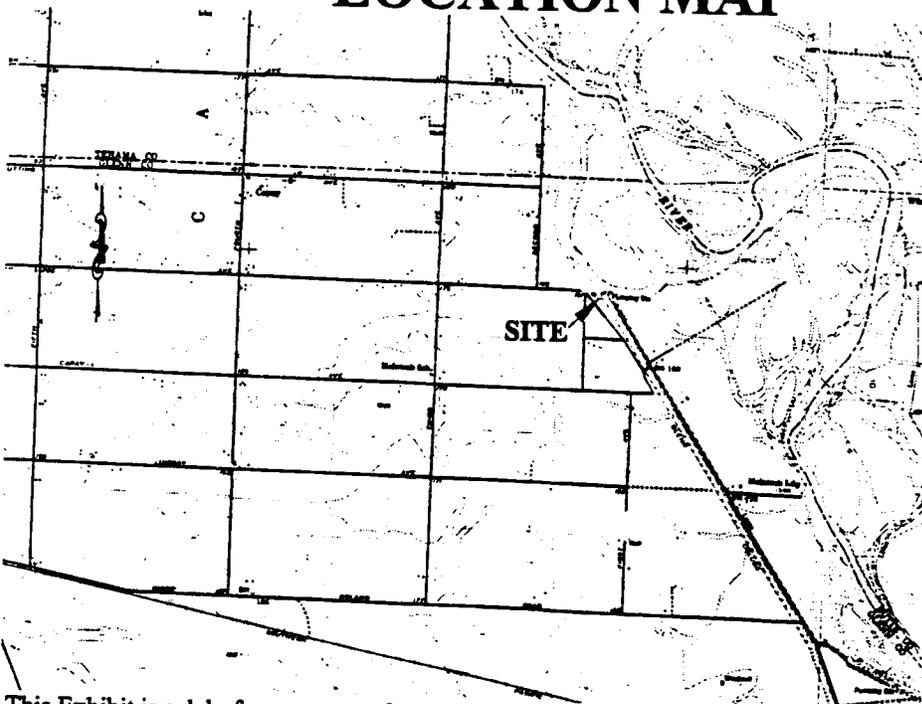
FIGURE 2.4-11



River Mile 205 & 206

NO SCALE

## LOCATION MAP



W24626  
 River Mile 205 & 206  
 Sacramento River  
 GLENN COUNTY  
 BUTTE COUNTY  
 TEHAMA COUNTY



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

# EXHIBIT B

## NOTICE OF DETERMINATION

To: Office of Planning and  
Research  
1400 Tenth Street  
Sacramento, California 95814

From: Game and Glenn-Colusa  
Irrigation District

**FILED**

To: County Clerks  
Counties of Colusa, Glenn,  
Tehama and Butte

MAY 18 1998

MARY ALICE GEORGE  
TEHAMA COUNTY CLERK

Subject: Filing of Notice of Determination in Compliance with  
Sections 21108 and 21152 of the Public Resources Code

Project Title: Hamilton City Pumping Plant Fish Screen Improvement Project

State Clearinghouse Number: 93062042

Contact Person: Sandra K. Dunn or Stuart L. Somach,  
on behalf of Glenn-Colusa Irrigation District  
Telephone Number: (916) 446-7979

Project Location: The Project will be located on the Sacramento River and the adjacent side channel between approximately River Mile 205 and River Mile 206, near the intersection of the boundaries for Butte, Tehama, and Glenn Counties.

Project Description: The Project is a joint effort by Glenn-Colusa Irrigation District, the California Department of Fish and Game, the U.S. Bureau of Reclamation, and the U.S. Army Corps of Engineers. The Project will include an approximately 600-foot-long extension of the existing 475-foot-long flat-plate screen on a side channel of the Sacramento River. Another feature of the Project is an approximately 1,000-foot-long gradient facility on the mainstem Sacramento River. The gradient facility will be constructed by the U.S. Army Corps of Engineers to reduce the effect of local river gradient changes on screen performance, provide hydraulic gradient to operate a fish bypass system and stabilize water levels for pumping plant operations. The Project will also include a gravity fish bypass system to the oxbow that will reduce juvenile fish exposure time to the screen, a replacement combine oxbow flow control structure and bridge to Montgomery Island, just downstream of the screen structure; and bank and channel modifications in the oxbow and on the mainstem of the river to improve and stabilize channel alignment and hydraulics.

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