

**MINUTE ITEM**  
This Calendar Item No. C09 was approved as  
Minute Item No. 09 by the California State Lands  
Commission by a vote of 3 to 0 at its  
8-19-03 meeting.

**CALENDAR ITEM**  
**C09**

- A) 15  
S) 5, 7

08/19/03  
PRC 6980 WP 6980.9  
R. Barham

**GENERAL LEASE - PUBLIC AGENCY USE**

**APPLICANT:**

United States Geological Survey  
6000 J. Street, Placer Hall  
Sacramento, California 95819

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

A 0.08-acre parcel and a 0.07-acre parcel, more or less, of tide and submerged lands in Middle and Old Rivers, at Bacon Island, San Joaquin and Contra Costa counties, respectively.

**AUTHORIZED USE:**

Old River: reconstruction of an existing stilling well and gauge house with the pilings, cabling, and catwalk remaining unchanged.

Middle River: continued use and maintenance of an existing stilling well, gauge house, pilings, and catwalk.

Both facilities providing instrument shelters utilized for the collection of hydraulic data.

**LEASE TERM:**

Ten years, beginning June 1, 2001.

**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.

CALENDAR ITEM NO. C09 (CONT'D)

**OTHER PERTINENT INFORMATION:**

1. On May 22, 1986, the Commission issued a 15-year General Permit – Public Agency Use, to the U. S. Geological Survey (USGS) for the installation of two stream flow monitoring facilities at two sites adjacent to Bacon Island, one located in Middle River and one located in Old River. The two facilities each consist of a stilling well (an inverted corrugated metal culvert) and instrument shelter or gauge house facility, transducer supports attached to pilings, a buried electrical cable, and a catwalk providing access to the gauge house. The two flow monitoring instruments measure the river velocity by transmitting acoustic pulses via a transducer. The two sites provide valuable flow magnitude and direction data necessary for water management in the Central Valley. This information is used by numerous federal, State and local agencies participating in the water management programs of the Central Delta, San Francisco Bay system and the State and Central Valley Water Projects.
2. The existing lease has expired and the USGS is now applying for a new lease. As part of the new lease, the USGS recently replaced the stilling well at the Old River location (Site #2) because it had severe galvanic corrosion, which endangers the integrity of the structure and its equipment. The existing 36-inch galvanized corrugated metal pipe (stilling well) was replaced with a new 48-inch galvanized corrugated metal pipe. The base of the existing 36-inch pipe was removed from the riverbed and the new 48-inch pipe was embedded in the same location. New intake tubes and electrical conductivity probe also run into the water from the new stilling well. The catwalk, acoustic velocity meter (AVM) attached to pilings, and electrical cabling will remain unchanged. The facility at Middle River does not require repairs and is being authorized in its current condition.
3. Pursuant to the Commission's delegation of authority and the State CEQA Guidelines (Title 14, California Code of Regulations, section 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 2, replacement or reconstruction; Title 2, California Code of Regulations, section 2905 (b).

Authority: Public Resources Code section 21084 and Title 14, California Code of Regulations, section 15300 and Title 2, California Code of Regulations, section 2905.

CALENDAR ITEM NO. **C09** (CONT'D)

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.

**EXHIBITS:**

- A. Site and Location Map (Middle River - Site #1)
- B. Site and Location Map (Old River - Site #2)

**PERMIT STREAMLINING ACT DEADLINE:**

N/A

**RECOMMENDED ACTION:**

IT IS RECOMMENDED THAT THE COMMISSION:

**CEQA FINDING:**

FIND THAT THE ACTIVITY IS EXEMPT FROM THE REQUIREMENTS OF THE CEQA PURSUANT TO TITLE 14, CALIFORNIA CODE OF REGULATIONS, SECTION 15061 AS A CATEGORICALLY EXEMPT PROJECT, CLASS 2, REPLACEMENT OR RECONSTRUCTION; TITLE 2; CALIFORNIA CODE OF REGULATIONS, SECTION 2905(b).

**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.

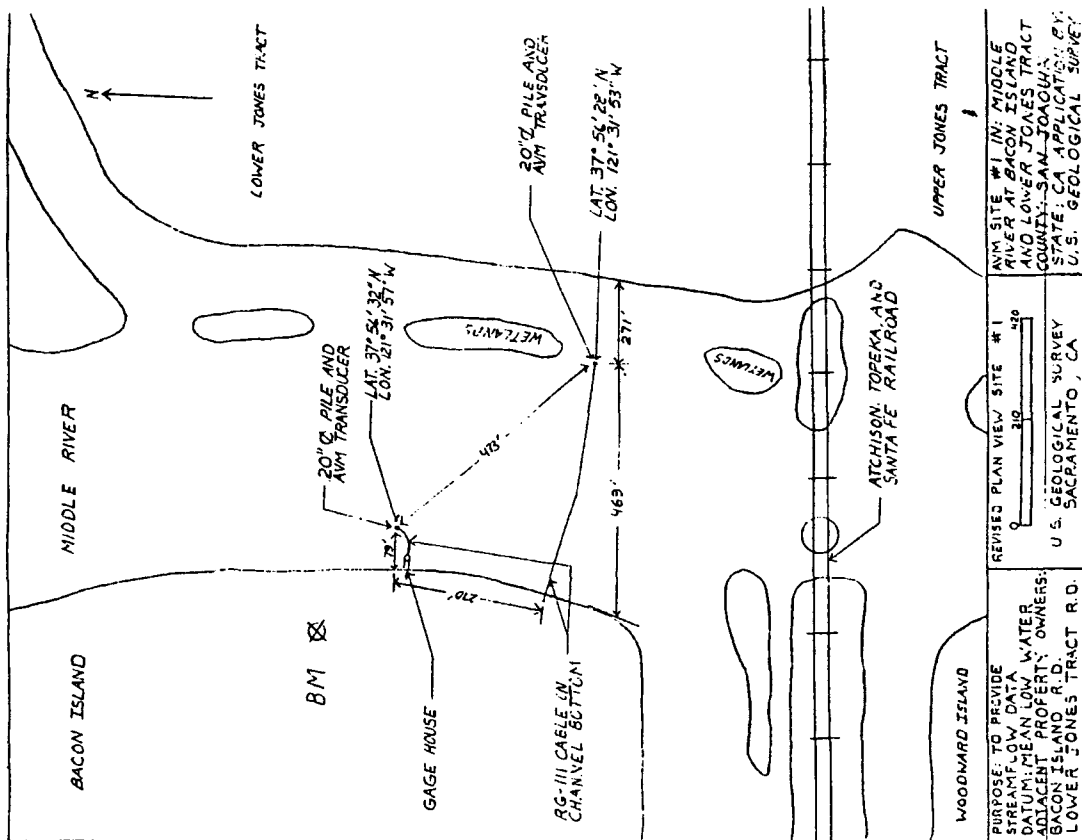
**AUTHORIZATION:**

AUTHORIZE ISSUANCE TO THE UNITED STATES GEOLOGICAL SURVEY OF A GENERAL LEASE - PUBLIC AGENCY USE, BEGINNING JUNE 1, 2001, FOR A TERM OF TEN YEARS, FOR THE RECONSTRUCTION OF AN EXISTING STILLING WELL AND GAUGE HOUSE, PILINGS, CABLING, AND CATWALK IN OLD RIVER; AND THE CONTINUED USE AND MAINTENANCE OF AN EXISTING STILLING WELL, GAUGE HOUSE, PILINGS, CABLING, AND CATWALK IN MIDDLE RIVER ON THE LAND SHOWN ON EXHIBITS A AND B

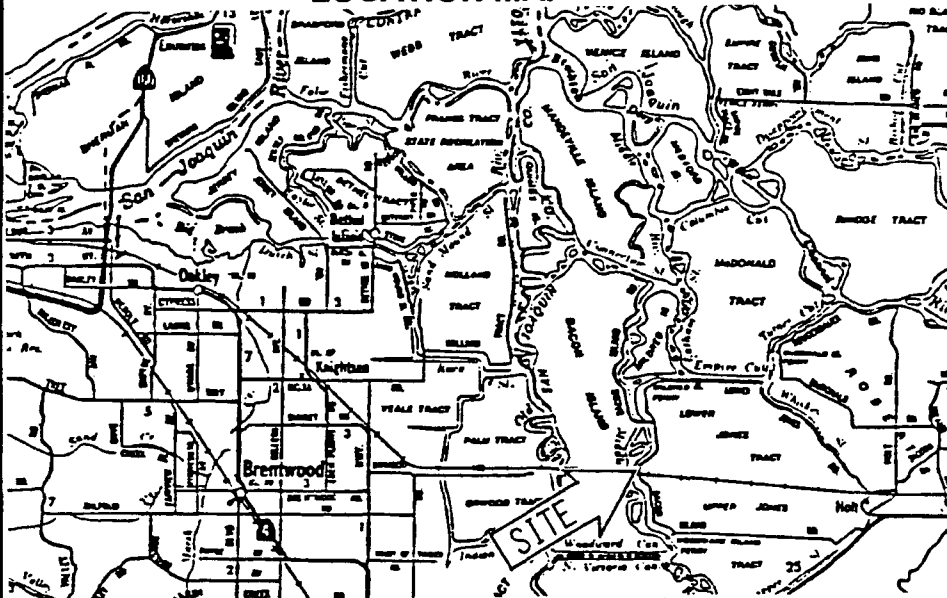
CALENDAR ITEM NO. **C09** (CONT'D)

ATTACHED AND BY THIS REFERENCE MADE A PART HEREOF;  
CONSIDERATION BEING 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.

# SITE MAP



## LOCATION MAP



USGS

## CALIFORNIA MAP



## SECTION 3 Exhibit A(Site #1)

WP 6980.9

USGS

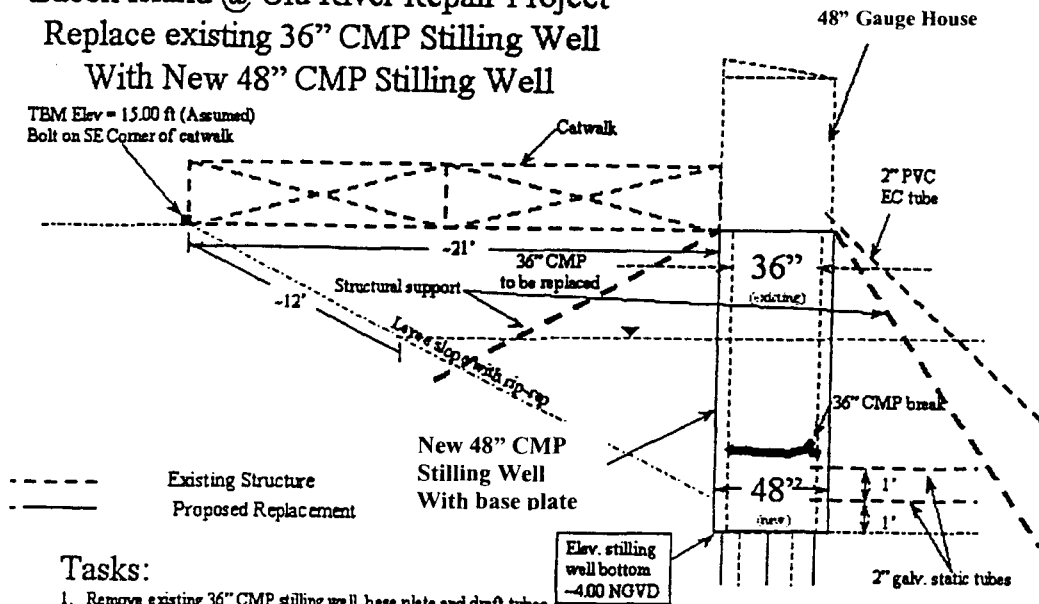
San Joaquin County

This exhibit is solely for purposes of generally defining the lease premises, is based on unverified information provided by lessee or other parties, 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

## SITE MAP

### Bacon Island @ Old River Repair Project Replace existing 36" CMP Stilling Well With New 48" CMP Stilling Well

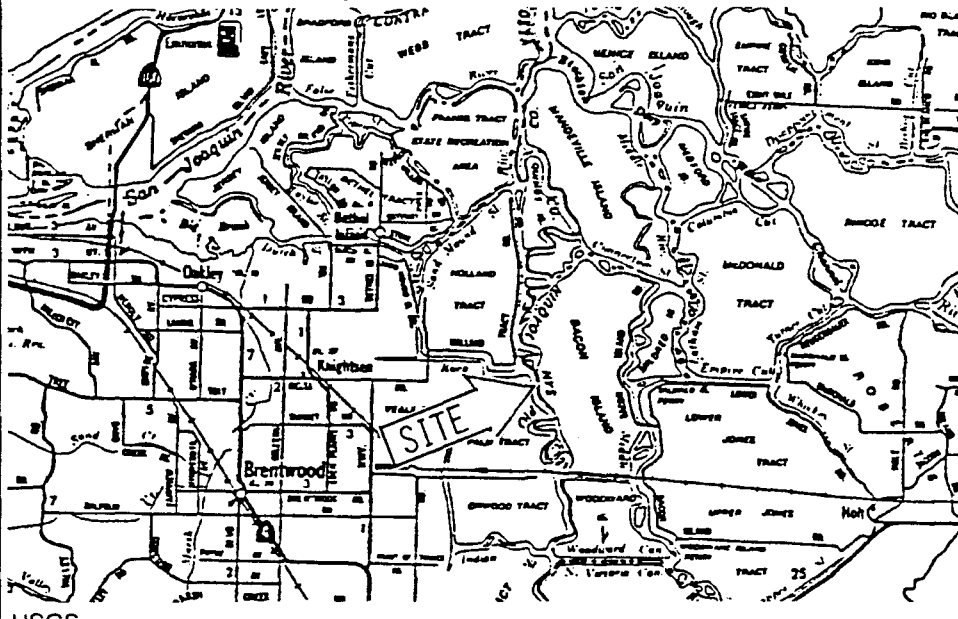
TBM Elev = 15.00 ft (Assumed)  
Bolt on SE Corner of catwalk



#### Tasks:

1. Remove existing 36" CMP stilling well, base plate and draft tubes
2. Install new 48" CMP stilling well and base plate (baseplate to be pressed into leveled earth pad)
3. Install and stabilize two new 2" draft tubes
4. Install new 2" PVC Schedule 80 EC tube
5. Reconnect or install Gauge House, Catwalk and structural supports

## LOCATION MAP



## CALIFORNIA MAP



## SECTION 3 Exhibit B(Site #2)

WP 6980.9

USGS

Contra Costa County

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CALENDAR PAGE

001048

MINUTE PAGE

RWB 07/08/2003