

**CALENDAR ITEM  
C81**

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06/21/13  
W 6005.140  
R. B. Greenwood

**CONSIDER APPROVAL OF A NON-EXCLUSIVE  
GEOLOGICAL SURVEY PERMIT ON DESIGNATED SUBMERGED LANDS  
IN THE SACRAMENTO RIVER AND IN BUTTE SLOUGH,  
COLUSA AND SUTTER COUNTIES**

**APPLICANT:**

California Department of Water Resources  
Attn: Mr. Noel Lerner  
3310 El Camino Avenue, Room 140  
Sacramento, CA 95821

**BACKGROUND:**

The geological survey permit would allow the gathering of data that will be used to design sheet piles within the Sacramento River and Butte Slough by the California Department of Water Resources. The proposed project involves five (5) rotary wash borings from five possible locations in a cove of the Sacramento River and at the end of Butte Slough. Drilling and sampling will be conducted over a period of three (3) months. The samples will be collected at locations, as depicted on Exhibit A (attached hereto), using rotary wash drilling methods, down-hole sampling and testing from a self-contained barge.

Borings are anticipated to reach approximately 80 to 100 feet deep, below the bed of the river. The borings will be drilled using a 5.5-inch bit and water or bentonite clay drilling fluid, using a closed circulation system completely isolated from the river waters. After drilling and sampling, the boreholes will be backfilled with bentonite and cement to within 10 to 15 feet of the river bottom. Excess drill cuttings, drilling fluid, and wash water will be retained and properly disposed offsite.

The drilling barge, whose dimensions are 23 feet by 14 feet, will be secured by two to four spud cans (4-inch-diameter steel pipes). The barge support services will be provided by a smaller tool boat. Upon request, the California State Lands Commission will receive copies of all data derived from all surveys under the permit.

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**TERM OF PROPOSED PERMIT:**

Three (3) months beginning July 1, 2013 through October 1, 2013.

**PREREQUISITE CONDITIONS, FEES AND EXPENSES:**

Required fees, expense deposit, and other security have been received.

**STATUTORY AND OTHER REFERENCES:**

- A. Public Resources Code section 6826
- B. California Code of Regulations, Title 2, section 2905, subdivision (e)(1)
- C. California Code of Regulations, Title 14, section 15061

**OTHER PERTINENT INFORMATION:**

1. The staff recommends that the Commission find that this activity is exempt from the requirements of the California Environmental Quality Act (CEQA) as a categorically exempt project. The project is exempt under Class 6, Information Collection; California Code of Regulations, Title 2, section 2905, subdivision (e)(1).

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

2. This activity involves lands identified as possessing significant environmental values pursuant to Public Resources Code section 6370 et seq., but such activity will not affect the significant lands. 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.

**EXHIBIT:**

- A. Site and Location Map

**RECOMMENDED ACTION:**

It is recommended that the Commission:

**CEQA FINDINGS:**

Find that the activity is exempt from the requirements of CEQA pursuant to California Code of Regulations, Title 14, section 15061 as a categorically exempt project, Class 6, Information Collection; California Code of Regulations, Title 2, section 2905, subdivision (e)(1).

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**SIGNIFICANT LANDS:**

Find this activity is consistent with the use classification designated by the Commission for the land pursuant to Public Resources Code section 6370 et seq.

**AUTHORIZATION:**

Authorize issuance of a Non-Exclusive General Permit to the California Department of Water Resources to conduct Geological Surveys for the period July 1, 2013, through October 1, 2013, as designated on Exhibit A, attached hereto.

**EXHIBIT A  
LOCATION MAP**

W 6005.140

