



BOARD OF SUPERVISORS  
AGENDA LETTER

Agenda Number:

Clerk of the Board of Supervisors  
105 E. Anapamu Street, Suite 407  
Santa Barbara, CA 93101  
(805) 568-2240

**Department Name:** Flood Control  
**Department No.:** 054  
**For Agenda Of:** 07/01/14  
**Placement:** Administrative  
**Estimated Tme:** N/A  
**Continued Item:** No  
**If Yes, date from:**  
**Vote Required:** Majority

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**TO:** Board of Directors, Flood Control and Water Conservation District

**FROM:** Department Scott D. McGolpin, Public Works Director, 568-3010  
Director(s)  
Contact Info: Thomas D. Fayram, Deputy Public Works Director, 568-3436

**SUBJECT:** Mud Lake Siphon Improvement Project, Phase II, Fourth Supervisorial District

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**County Counsel Concurrence**

As to form: Yes

Other Concurrence: N/A

As to form: N/A

**Auditor-Controller Concurrence**

As to form: N/A

**Recommended Actions:**

- A. Authorize the Public Works Director to advertise and receive bids for the Mud Lake Siphon Improvement Project, Phase II; and
- B. Find that the proposed project (Mud Lake Siphon Improvement Project, Phase II) consists of minor trenching and backfilling where the surface is restored in order to replace the siphon pipe at an existing facility and that the proposed action is therefore exempt from the California Environmental Quality Act (CEQA) pursuant to CEQA Guideline Sections 14 CCR 15304 (f) Minor Alterations to Land, and 14 CCR 15301 (d) Existing Facilities, and direct the Clerk of the Board to file the attached CEQA Notice of Exemption (NOE) for the proposed project.

**Summary Text:**

The Mud Lake Basin is a storm water retention basin located within the Orcutt area of Santa Barbara County, east of Bradley Road and north of Clark Avenue. The Mud Lake Siphon Improvement Project, Phase II will consist of replacing the existing deteriorated siphon line that outlets from the basin with a new gravity line to be installed by the Horizontal Directional Drilling method, a trenchless technology. The new gravity line will be 12 inches in diameter and extend approximately 1,300 feet north of the basin, within Valley Drive, with approximately the last 200 feet being placed in an open cut and cover operation. A new manhole and gate valve within Valley Drive are also proposed. These improvements will allow Flood Control Maintenance staff to more effectively manage the water levels within the Mud Lake Basin facility.

In 2010, the Mud Lake Siphon Improvement Project, Phase I was constructed, consisting of one new manhole and video inspection of the existing siphon pipe line. The video inspection was needed in order to determine the scope of the Phase II project.

### **Background:**

Mud Lake Basin was constructed as part of the Village Hills Unit II development (Tract 12476) in 1981. The basin receives local drainage from the neighborhood and includes a manually operated siphon pipe discharge system in the Valley Drive public right of way, draining to the north.

The Mud Lake Basin can only be drained through the existing siphon line which was discovered to be significantly deteriorated during the Phase I video inspection and has always been cumbersome to operate by Flood Control maintenance staff. If the basin becomes full and is not drained, then any excess inflow will spill onto local streets in an uncontrolled manner. The installation of a new gravity drain by the Horizontal Directional Drilling method will replace the existing siphon line and allow for more efficient operation of the retention basin.

### **Fiscal and Facilities Impacts:**

Budgeted: Yes

### **Fiscal Analysis:**

Narrative:

Construction costs for the Mud Lake Basin Siphon Improvement Project, Phase II are included in the adopted FY 2014-15 budget as shown on page D-226 in the budget book. This project will be paid out of the Flood Control District's Orcutt Flood Zone. To preserve the competitive bidding process for Public Contracts, the construction funding will be disclosed after bids are opened and the construction contract is awarded. Construction is scheduled to begin in the early fall of this year. No General Fund will be utilized with these actions.

This project is also included in the Capital Improvement Program on page B-137.

### **Special Instructions:**

Direct the Clerk of the Board to post the attached NOE and send a copy of the stamped NOE and minute order of these actions to the Flood Control District office, Attn: Christina Lopez.

### **Attachments:**

Exhibit 1: Location Map

CEQA Notice of Exemption

**Authored by:** Matt Griffin, Civil Engineer Specialist, 884-8074

