

**American River Flood Control District
Central Valley Flood Protection Board Permit Application
New 18-inch Culvert on Arcade Creek South Levee (City of Sacramento)
Staff Report**

Discussion:

This application is for the replacement of an unpermitted 18" culvert located on the south levee of Arcade Creek near Rio Linda Boulevard. The culvert was found during the construction of SAFCA's North Sacramento Streams project. The culvert was previously undocumented but has been deemed necessary by the City of Sacramento Department of Utilities.

The application consists of installing a new levee pipe crossing that meets Title 23 standards. The pipe crossing will have a flap gate on the waterside outlet and a positive closure on the waterside hinge point. The positive closure will consist of a gate valve to prevent back flow during high water conditions. The gate valve requires a gate riser structure in the waterside slope hinge point of the levee to operate the valve. The entire pipe crossing feature including the gate valve and riser structure will be operated and maintained by the City of Sacramento.

Recommendation:

The General Manager recommends that the Board of Trustees endorse the City of Sacramento's permit application.

