

Cosumnes Community Services District

Camden Weir Project Overview

March 5, 2009 Pre-Application Meeting for Sacramento Region

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Cosumnes Community Services District (CCSD) owns a weir on Laguna Creek, near the corner of Allister Way and Kingslynn Court in the Camden development. Major cross streets to the south east are Bond Road and Elk Grove-Florin Road. Laguna Creek collects water upstream along a 35 square mile area. Laguna Creek flows to the Sacramento River. A vicinity map is attached.

Weir History

The CCSD weir is a concrete structure approximately 30 inches tall and 30 feet long. The weir was constructed in 1994 in an agreement with the California Department of Fish and Game (DFG). The DFG was closing the fish hatchery at Bond Road and Elk Grove Florin Road, but had a well on-site. The well provided:

- water for the hatchery
- water for Laguna Creek habitat
- excess water for CCSD to irrigate landscaping in the Camden development.

When the fish hatchery shut down, DFG turned the well over to CCSD, with a requirement that a minimum amount of water be continually pumped to support the creek habitat. As part of this agreement, the Camden weir was built. It has two purposes:

- 1) measure the flow of water running through the “V” notch in the weir
- 2) Hold in water to create/sustain pond habitat in Camden portion of Laguna Creek

Current Situation

The weir is leaking around the sides and underneath the structure. The resulting water flow is causing water to pond in large areas downstream (on the west side of the weir). These ponds have become a breeding ground for mosquitoes. Sacramento-Yolo Mosquito Vector Control (Vector Control) is using up considerable resources spraying for mosquitoes in this area. The mosquito issue is so severe that it could require aerial spraying in the future. Vector Control considers this a public safety issue, and has requested CCSD repair the weir.

CCSD is developing a plan to repair the weir. This may include:

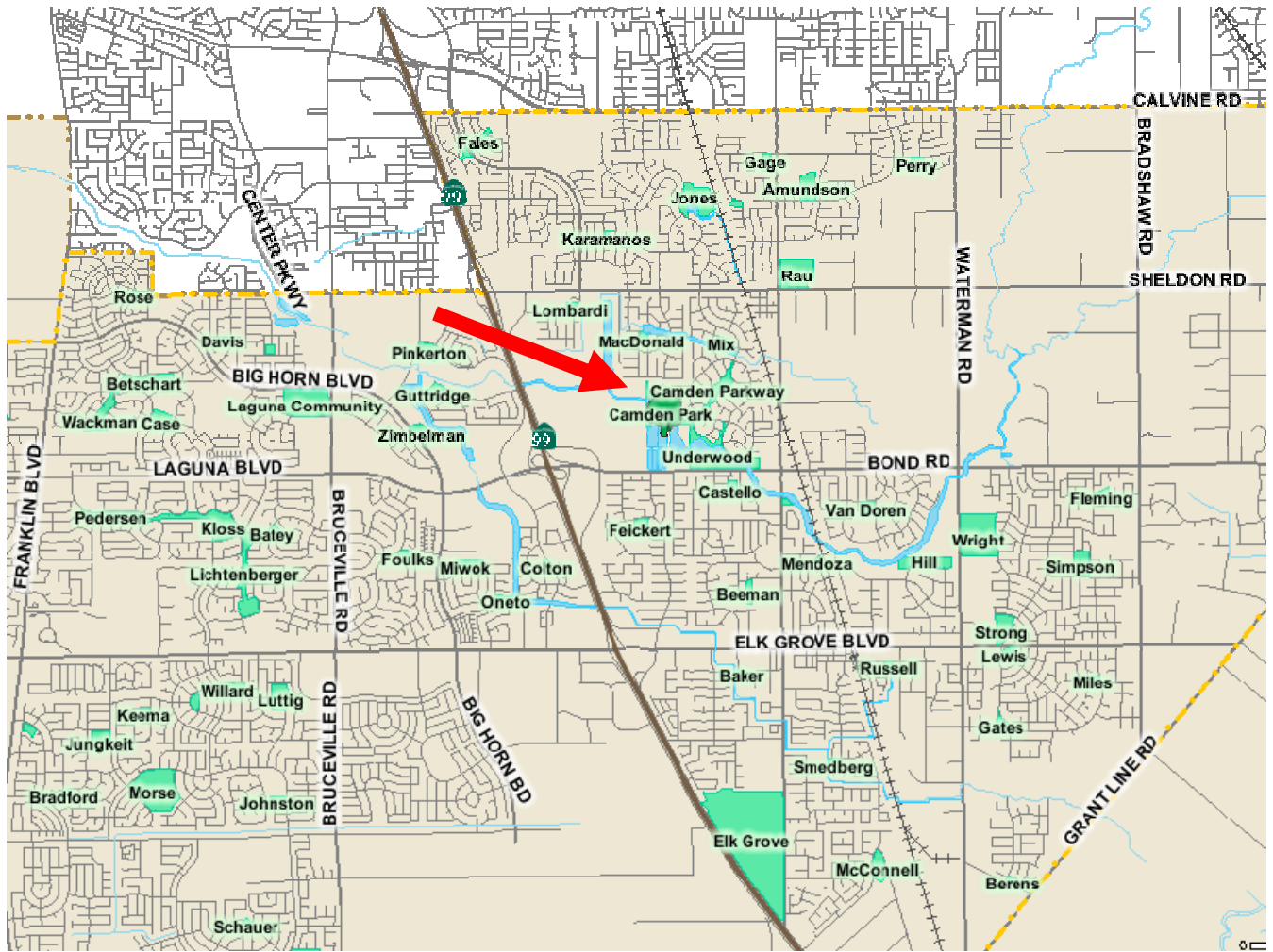
- extending the weir further onto the creek banks
- reinforcing the existing structure
- replacing the structure

The general course of action would be to dewater around the weir and repair/replace the structure as needed. CCSD wants input from the USACE/USFWS/DFG regarding acceptable construction methods before proceeding to develop a specific plan.

CCSD thinks this work could be completed under Nationwide Permit 3 for Maintenance and Nationwide Permit 33 for Temporary Construction, Access, and Dewatering.

Attachments: Maps and Photos

Vicinity Map of Camden Weir Location



Aerial of Camden Weir Location



Camden Weir

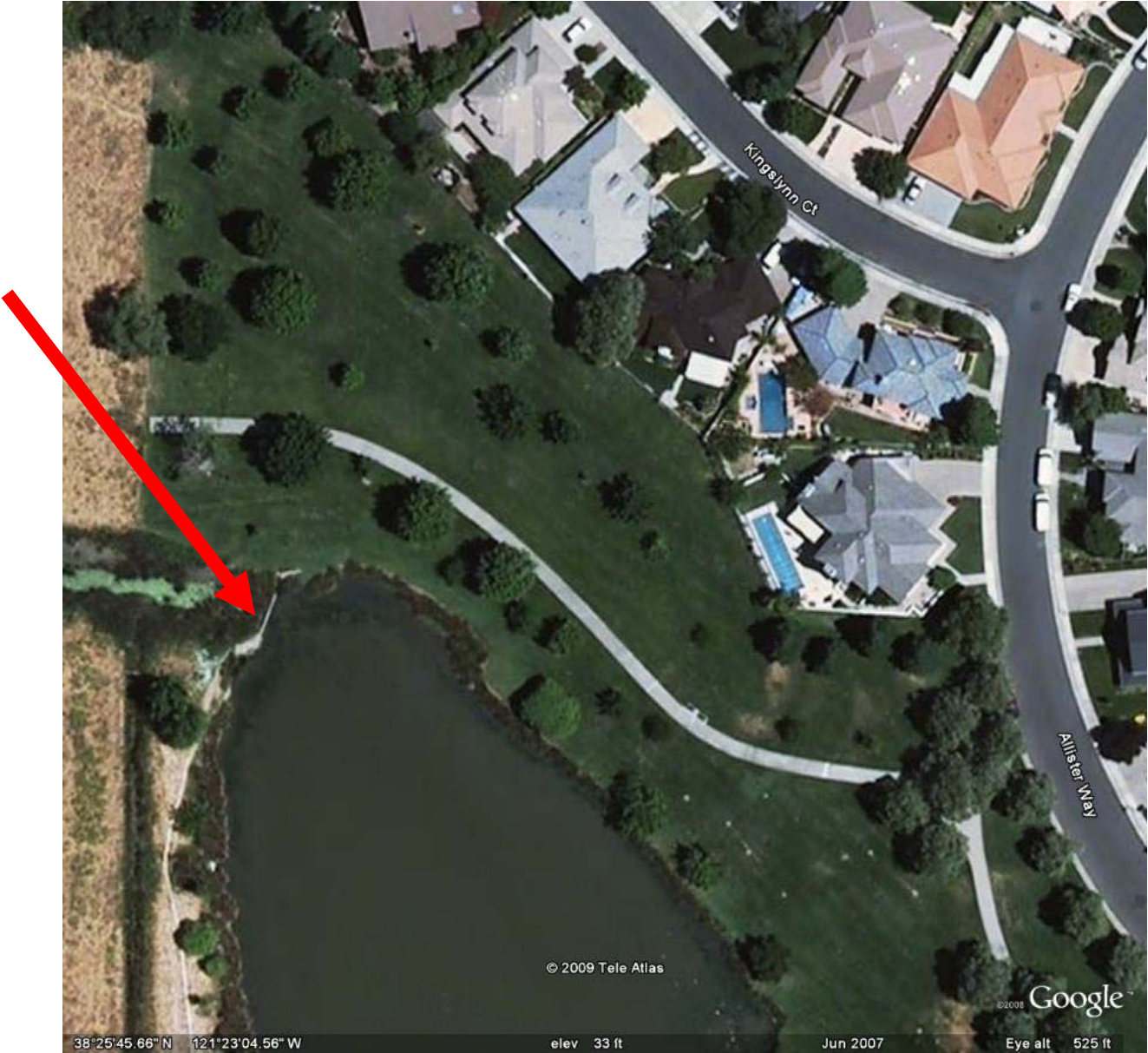


Photo of Camden Weir looking north. Pond on right side of photo. Downstream on left side.



Photo of Camden Weir looking south. Pond on left side of photo. Downstream on right side.

