

Field Activity Advisory **Top-of-levee Topographic Surveys** **October 20, 2016**

The California Department of Water Resources (DWR), as part of implementation of the San Joaquin River Restoration Program and the Department's responsibilities over state-federal facilities of the State Plan of Flood Control, is preparing to conduct top-of-levee surveys of private and public levees in the San Joaquin River and the Eastside and Mariposa Bypasses this fall. The surveys consultant staff driving the crown river and bypass levees on a small all-terrain vehicle equipped with Global Positioning System (GPS) equipment. Data collected through the topographic survey will be added to results of 2015 LiDAR surveys to confirm and understand subsidence trends in the region. The data will also be applied to update hydraulic models of the river and flood system.

Who: California Department of Water Resources (DWR), and Tetra Tech (consultant).

What: Consultant staff will perform the levee surveys under supervision of DWR. Staff will drive project and non-project levees, with periodic stops to record topographic information of fixed structures, such as bridges and weirs. Equipment used for the survey will include a small, all-terrain cycle that is equipped with a GPS (see Figure 1).

Where: Reaches 2A, 2B, 3 and 4A; Chowchilla Bypass, Mariposa Bypass and Eastside Bypass from the Chowchilla Bifurcation Structure to Reach 4B2/5. Survey areas include lands held in fee title to the State of California, state and federal wildlife refuges, facilities of area irrigation districts and private property. All locations will be accessed from the public right-of-way or in areas where landowner permission has been approved.

When: October 24 through December 15, 2016. The survey duration may change depending on weather.

Questions about this activity should be directed to the study's agency points-of-contact using the information provided below.

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Figure 1: All-Terrain Cycle with GPS

Questions about the SJRRP's field activities on public and private land should be directed to the SJRRP Landowner Coordinator using the information provided below.

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Contact the SJRRP Hotline, 916-978-4398, or email InterimFlows@restoresjr.net if you see any problems or have any concerns.

**For more information, please visit the SJRRP Web site at www.restoresjr.net.
Field Advisories for activities are available at
www.restoresjr.net/activities/field/index.html**



San Joaquin River Reach 2A to Reach 4A and San Joaquin Flood Control Project Bypass Subsidence Survey Locations Map