



Field Activity Advisory Reach 1B/2A 2015 Monitoring Survey Oct. 3, 2015

The Department of Water Resources (DWR) will perform sediment transport and topographic surveys of a portion of Reach 1B and all of Reach 2A beginning mid-October and conclude in mid-December. The studies will assess current channel conveyance of the Reach 2A channel following two consecutive years of irrigation deliveries to Mendota Pool due to California's persistent drought.

Who: DWR with support of Provost and Prichard consultant staff.

What: The Sediment Transport and Topographic Survey is comprised of several tasks:

- 1) Control Pin Survey – Locate and mark historic control pins for current and future surveyor use.
 - 2) Topographic Patch Survey – On a one river-mile interval (approximately), staff will conduct a 100-foot-wide topographic survey of the river channel from top-of-levee to top-of-levee.
 - 3) Cross Section Survey – From the Chowchilla Bifurcation Structure to a point approximately 2.5 river miles upstream, staff will conduct topographic transect surveys of the channel at 27 locations. These surveys will be from top-of-levee to top-of-levee.
 - 4) Bifurcation Structure Channel Survey – Staff will additionally conduct a detailed topographic survey of the Reach 2A channel starting at the bifurcation structure to a point approximately one-third of a mile upstream.
 - 5) Soil Survey – Multiple soil samples will be collected at each river mile for analysis.
- All surveys will be conducted in collaboration with private property owners (where applicable) and the Lower San Joaquin Levee District.

When: October 16 through December 18, 2015

Where: The study area (Figure 1) includes the Reach 2A river channel (approximately 11 river miles), and the lower 1,000 feet of Reach 1B channel. Much of the Reach 2A channel is comprised of State Plan of Flood Control levees that are operated and maintained by the Lower San Joaquin Levee District.

If you have questions, please contact the SJRRP Landowner Coordinator, Craig Moyle. Craig's contact information is provided below.

Craig Moyle, Landowner Coordinator
Office (operator): 916-924-8844
Office (direct line): 916-418-8248
Mobile: 916-642-6383
Fax: 916-924-9102
Email: craig.moyle@mwhglobal.com

For more information, please visit the SJRRP Web site at www.restoresjr.net.

Figure 1: 2015 Monitoring Survey Map



- Legend:
- Patch survey sites
 - ▭ Patch survey boundary
 - Channel transect survey