

San Joaquin River Restoration Program
Field Activity Tracker
Active Surveys and Investigations

Activity	Lead Agency/Consultant	Reach	Period of Activity	Status/Potential for Implementation	Comment
Water temperature data logger maintenance	DFG	_All	2010 - 2011	High	All year long after flood flows recede. Access needed for mainstem of SJR, associated mining pits, and bypasses
Meso-Habitat Mapping	DFG	_All	December - March 2012	High	Study involves identifying existing habitats throughout the entire project area. Access will be needed for launching and pulling out a boat at the beginning and end of each reach.
Gravel mobility study surveys and data collection	DWR	1A	August - October 2011	High	
Egg Survival/Hyporheic Study	DWR, USFWS, Reclamation, DFG	1A	September 19 - 23, follow up in October, November	High	Study involves continuous Dissolved Oxygen monitoring. DO sensors are attached to a receiver that will be located on the stream bank.
Quarry Pit bathymetry surveys	Tetra Tech (DWR)	1A	September	Moderate	4 select pits in 1A would be resurveyed
Monitoring Well Piezometer Installation for Vegetation Monitoring Transects	Reclamation	1A thru 4A	unknown at this time	low	Dependent on Year 1 Vegetation Monitoring
Benthic Macroinvertebrate Bioassessment (Surface Water Ambient Monitoring Program)	DWR/DFG	1A thru 5	July-September 2011 July-September 2012	On-going	Surveys require base flows; therefore, the schedule depends on Friant releases.
Recorder/Transducer Data Collection and Maintenance	DWR	1A, 1B	November - December 2011	Moderate	
Sand source assessment surveys	Tetra Tech (DWR)	1A, 1B	October 1, 2011	High	Floating down river recording sand deposits, Survey bathymetry of 4 pits
Topographic Survey, Structures	DWR	1A, 1B, 2B, 4A, and 4B	August - September 2011	Low	Survey is flow dependent, so schedule subject to Friant releases. Need low flows in the River for wading.
Water Surface and Discharge Survey	DWR	1A, 1B, 2B, 4A, and 4B	September - December 2011	Low	Survey is flow dependent, so schedule subject to Friant releases
Topographic surveys, streambed	Tetra Tech (DWR)	2A	September - October 2011	Moderate	Measure stream bed topography in lower 2A following recent flood flow.
_Reach 2B Baseline Noise Survey	URS Corporation	2B	October/November 2011	Moderate	Pending Reclamation approval.
_Reach 2B Fairy Shrimp Surveys	URS Corporation	2B	unknown at this time	Low	Pending access to additional properties
_Reach 2B Habitat Assessments	URS Corporation	2B	unknown at this time	Low	Pending access to additional properties
_Reach 2B Reptile Surveys	URS Corporation	2B	unknown at this time	Low	Pending access to additional properties
_Reach 2B Paleontological Survey	URS Corporation	2B	unknown at this time	Moderate	Pending Reclamation approval.
Non-Urban Levee Evaluation Program Geotech Exploration*	DWR	3, 4A	Sept. 12-Oct. 21, 2011	High	Levee crown and toe drilling.
Round 5 Groundwater Monitoring Well Installation	Reclamation	3, 4A, 4B	October/November 2011	High	20 wells slated for installation.
Flow/stage measurements at Sack Dam and Washington Road gages	DWR	4A	Every Tuesday	Moderate	Schedule subject to change depending on staffing, flow and equipment condition. Water quality probes serviced mid-month. Backwater at Washington Road effecting measurements.
_Reach 4B Biological Resources Survey, Reconnaissance	CDM	4B, Bypass	October/November 2011	Moderate	Performance of surveys dependent on amount of land available for access
_Reach 4B Cultural Resource Survey, Reconnaissance	CDM	4B, Bypass	October/November 2011	Moderate	Performance of surveys dependent on amount of land available for access
_Reach 4B Engineering Support Site Visit	CDM	4B, Bypass	October/November 2011	Moderate	Initial survey for engineers to view and measure existing facilities, including levees, road crossings, control structure, etc.
_Reach 4B Geotechnical Surveys	Reclamation	4B, Bypass	Sept. 29-Nov. 3, 2011	High	Cone Penetration and Standard Penetration Test borings at crossings in Reach 4B and at the Eastside and Mariposa Bypass control structures.
_CSLC Boundary Surveys	CSLC	4B2 2A 1B	October/November 2011 November/December 2011 November/December 2011	High Moderate Moderate	Includes locating and documenting existing township and range survey monuments for the development of administrative maps identifying San Joaquin River bed lands sovereign to the State of California

Low/Moderate/High: Indicates the level of confidence a particular survey may occur depending on various factors in effect, such as staff availability, flow volumes/stage, seasonal variability, and access.

* - Denotes non-SJRRP Field Activity

Agency and Consultant Abbreviations :

CDM - Camp Dresser McKee Engineers
CSLC - California State Lands Commission
DFG - California Department of Fish and Game
DWR - California Department of Water Resources
Reclamation - Bureau of Reclamation
USFWS - U.S. Fish and Wildlife Service
USGS - U.S. Geological Survey

San Joaquin River Restoration Program
Field Activity Tracker
Completed Surveys and Investigations

Activity	Lead Agency/Consultant	Reach	Period of Activity	Status/Potential for Implementation	Comment
PIT Tag Siting Tour	Reclamation	_All	July 26-27, 2011	Completed	Reconnaissance survey of potential locations for future telemetry equipment for fish migration tracking
Telemetry Receiver downloads and retrieval	USFWS/DFG	_All	July 17-28	Completed	Last of season until next spring
Vegetation Monitoring Transects, Year 1 Survey	Reclamation	1A thru 5	August 1-5, 2011	Completed	Final sites selected following May reconnaissance surveys.
Bedload Sampling, Year 2	USGS	1A, 2A	March-June 2011	Completed	
Monitoring section surveys	DWR	1B, 2A, 2B (mostly 2A)	July 18 – Aug 5, 2011	Complete	Dependent on flows receding – may need to push to later in August
Vegetation Transects, Reconnaissance Survey	Reclamation	1B, 2B, 3, 4A	May 1, 2011	Completed	
Scour chain collection	DWR	2A	September 2011	Completed	Dependent on flows receding
Channel topo surveys	TetraTech (DWR)	2A and bifurcation structure	September	Completed	Channel surveys are different than monitoring section surveys mentioned above
_Reach 2B Design Survey	DWR	2B	Aug. 2, 2011	Completed	Site visit by staff of DWR Division of Engineering staff for the development of potential facility designs for Reach 2B alternatives.
_Reach 2B Small Mammal Survey	DWR	2B	July 17-21, 2011 July 24-28, 2011	Completed	No threatened species found.
_Reach 2B Mendota Pool Sediment Sampling	Reclamation	2B	August 18 - Sept. 2, 2011	Completed	In-pool drilling from a barge. If water levels are insufficient for drilling, a track-mounted drill rig may be used.
_Reach 2B EIS/R Writers	URS Corporation	2B	August 2, 2011	Completed	Site visit to Mendota Dam, Chowchilla Bifurcation, San Mateo Crossing, public parks, and recreational areas for consultant staff assigned to write the EIS/R.
_Reach 2B Late Season Vegetation Survey	URS Corporation	2B	June 24-25, 2011	Completed	
_Reach 2B Traffic Counts	URS Corporation	2B	Aug. 31, 2011	Completed	Sites included Firebaugh/Ripperdan Ave.; San Mateo Road, north of SR 180; and Bass Ave. near DMC.
Monitoring Well Environmental Compliance	Reclamation	3, 4A, 4B	Aug. 31, 2011	Completed	Well installation anticipated in early fall
_Reach 2B Geotech Drilling/Borrow Pit Material Exploration	DWR	2B	Sept. 12-22	Completed	Meetings pending with landowners to review requested location for evaluation of potential borrow sites in the Reach 2B area. Final locations pending landowner approval.