

Appendix B

Monitoring Status and Trends Activities

Final
2015 Monitoring and Analysis Plan

SAN JOAQUIN RIVER
RESTORATION PROGRAM

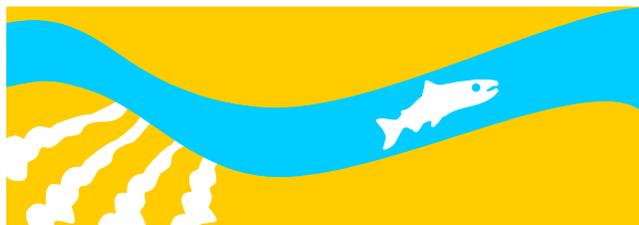


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Studies

Study 21	USGS Sediment Monitoring
Study 25	Monitoring Cross-Section Resurveys
Study 42	USGS Assessment of Water Quality Data with Respect to Fish
Study 45	Rotary Screw Trap Monitoring

Abbreviations and Acronyms

RA	Restoration Administrator
Settlement	Stipulation of Settlement in <i>NRDC, et al., v. Kirk Rodgers, et al.</i>
SJRRP	San Joaquin River Restoration Program

This appendix provides the activities associated with monitoring status and trends proposed for 2015 to support implementation of the San Joaquin River Restoration Program (SJRRP) (Table 1). These studies were recommended by the Restoration Administrator (RA) to support development of an information data base that will inform the timing, magnitude, and duration of Restoration Flow releases. For more information on each proposed study's relevance to informing Restoration Flow management and the RA's suggested commencement date and level of effort, please refer to Appendix E, RA Recommendations. It is expected that the relative share of funding commitments will increase in this category over time as the SJRRP makes site-specific project decisions and spring-run Chinook salmon adult returns begin.

Study results and findings are reported at the biannually on the SJRRP Data Reporting web page (<http://restoresjr.net/flows/data-reporting>). Studies planned for 2015 are prioritized to support decisions on program actions, described in the Stipulation of Settlement in *NRDC, et al., v. Kirk Rodgers, et al.* (Settlement), Public Law 111-11, environmental compliance, and general Settlement implementation, as recommended by the RA. Each study defines a process and provides rationale for identifying the types of information needed to support SJRRP decisions and actions, including actions such as modeling, monitoring, and analysis activities. Studies are developed with input from the Implementing Agencies (the U.S. Department of the Interior, Bureau of Reclamation, U.S. Fish and Wildlife Service, National Marine Fisheries Service, California Department of Water Resources, and California Department of Fish and Wildlife), RA, stakeholders, and other technical specialists to define appropriate data requirements and study methods including both scope and accuracy of the study plans, to support decisions, and appropriate monitoring and/or analysis required to obtain the data.

Each study in this appendix is provided as a separate attachment.

**Table 1.
2015 Monitoring and Analysis Plan
Monitoring Status and Trends Activities**

Study Number	Study	Contact
15*	San Joaquin River PIT Tag Monitoring and Site-Specific Technology Development	Don Portz, Reclamation / Zac Jackson, USFWS
21	USGS Sediment Monitoring	Andy Shriver, Reclamation / Al Caldwell, USGS
25	Monitoring Cross-Section Resurveys	Dave Encinas, DWR
42	USGS Assessment of Water Quality Data with Respect to Fish	Marissa Wulff, USGS
45	Rotary Screw Trap Monitoring	Matt Bigelow, DFW / Pat Ferguson, DFW / Zac Jackson, USFWS

Note:

* Study plan not available as monitoring is not planned for 2015. Analysis of data will be taking place.

Key:

DFW = California Department of Fish and Wildlife

DWR = California Department of Water Resources

PIT = passive integrated transponder

Reclamation = U.S. Department of the Interior, Bureau of Reclamation

USFWS = U.S. Fish and Wildlife Service

USGS = U.S. Geological Survey