

Appendix C

Budget Summary

Public Draft

2013 Monitoring and Analysis Plan

SAN JOAQUIN RIVER
RESTORATION PROGRAM



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**Table C-1.
Study Budget for 2013**

2013 MAP Appendix A Study	Study	2013 Costs
1	Flow Gage Record Analysis	Not identified
2	Lateral Gradient of Water Table	Not identified
3	Changes in Salinity Conditions Resulting from Interim Flows	Not identified
4	Influence of Paleochannels on Seepage	\$60,000
5	Temperature Monitoring of the Cold Water Pool in Millerton Lake	\$70,000
6	Trap and Haul of Adult Fall Run Chinook	\$237,108
7	Juvenile Salmon Holding	\$79,716
8	Egg Survival (Fall 2012)	\$128,556
9	Fish Assemblage Inventory and Monitoring	\$504,300
10	Juvenile Salmonid Migration and Survival (Year 3 - Telemetry)	\$396,154
11	Assessment of Predator Abundance and Distribution in Mine Pit Habitat in the San Joaquin River Restoration Area	\$94,301
12	Captive Rearing Study (Year 3)	In kind
13	Levee Geotechnical Exploration	State contribution
14	Central Valley Steelhead (<i>Oncorhynchus mykiss</i>) Monitoring Plan for the San Joaquin River Restoration Program	\$230,352
15	San Joaquin River PIT Tag Monitoring and Site-specific Technology Development	\$173,457
16	Floodplain Quality	\$50,000
17	Bed Material Data Processing and Evaluation	\$18,900
18	Continuous Surrogate Measurement of Bedload Sediment Transport using Hydrophone Installations on the San Joaquin River, California	\$130,703
19	Two-Dimensional Temperature Monitoring of Gravel Pits in Reach 1A	\$22,762
20	Adult Passage	State contribution
21	USGS Sediment Monitoring	\$245,850
22	USGS San Joaquin River Tributary Sediment and Geomorphology Study	\$106,780
23	Vegetation Monitoring	\$75,876
24	Additional Water Level Recorders	State contribution
25	Monitoring Cross-Section Resurveys	State contribution
26	Effect of Altered Flow Regime on Channel Morphology in Reach 1A	State contribution
27	Effect of Scour and Deposition on Incubation Habitat in Reach 1A	State contribution
28	Reach 1A Spawning Area Bed Mobility	State contribution
29	Thermal Conditions in Riverine Pools	Not identified

Key:

MAP = Monitoring and Analysis Plan

PIT = passive integrated transponder

USGS = U.S. Geological Survey

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