

## Work Plan for Fiscal Year 2003

I. Program Title. Comprehensive Assessment & Monitoring Program CVPIA  
Section 3406(b)(16)

II. Responsible Entities.

	Agency	Staff Name	Role
Lead	FWS	Andrew Hamilton	Acting Program Manager
Co-Lead	USBR	Ken Lentz	Reclamation Coordinator

III. Program Objectives for FY 2002.

The Comprehensive Assessment and Monitoring Program (CAMP) is intended as the vehicle for comprehensively assessing the effects of all CVPIA fishery actions under Section 3406(b). The program has two objectives:

A. Assess the overall effectiveness of actions implemented under CVPIA Section 3406(b).

B. Assess the relative effectiveness of categories of actions toward meeting CVPIA Section 3406(b) biological goals.

IV. Status of the Program.

In the past the Comprehensive Assessment and Monitoring Program has funded a variety of California Department of Fish and Game (CDFG) monitoring efforts, including the summer Delta tow-net survey, elements of the adult striped bass monitoring program, juvenile migration monitoring on the Yuba, Merced, and Tuolumne Rivers, and the Central Valley angler survey.

The initial rationale for funding the tow-net survey was that it provide information on American shad, a CVPIA target species. The adult striped bass monitoring program was funded with the idea that information would be needed on bass, another CVPIA target species. However, the CVPIA has developed no actions or proposals directed toward either shad or bass, and neither of these two worthy monitoring programs has turned out to be useful for assessing CVPIA actions. They cannot be funded further with the minimal funds available for CAMP.

The Central Valley angler survey is focused on chinook salmon and steelhead, which are the targets of all CVPIA section 3406(b) actions. The survey is a necessary component of credible salmonid stock monitoring, along with spawning population surveys and ocean catch estimates. CAMP has been the major source of funding for the angler survey in the past few years. Recent cuts in funds available for CAMP have led to substantial reductions in the survey effort, and have not been offset with funding from other sources.

CAMP has provided limited assistance to juvenile salmon emigration monitoring on the Tuolumne, Merced, and Yuba rivers. In FY02 those monitoring programs were fully supported with non-CAMP funding. Further information on the status of these monitoring programs can be obtained from the CDFG Region 2 and Region 4 offices.

CAMP has contributed funds to help maintain the Interagency Ecological Program (IEP) data base. So far, that data base has not been used in CAMP assessment. Persons preparing the CAMP annual reports have had to deal directly with field personnel to accurately determine the methods used in securing the data. A CAMP home page is maintained on the CDFG server in Stockton. The page has not been updated in several years because of funding limitations.

Annual reports on anadromous salmonid adult production and salmon juvenile migration have been prepared after escapement data are approved by the CDFG, one or two years after data are collected. Fall 2000 spawning escapement data became available in March, 2002, and the report covering FY00 was completed in September 2002. The report will be posted on the internet by early November 2002.

#### V. FY 2001 Accomplishments.

The summer tow-net survey, striped bass monitoring, and a reduced angler survey were performed. Data management was continued through IEP. A report covering 2000 monitoring for chinook salmon steelhead trout, American Shad, striped bass, and sturgeon was prepared.

#### VI. Tasks, Costs, Schedules and Deliverables.

##### A. Narrative Explanation of Tasks.

1. Program Management: The U.S. Fish and Wildlife Service (Service) is responsible for arranging monitoring and assessment activities and contracts, overseeing contracts, and general program direction. The U.S. Bureau of Reclamation (Reclamation) coordinates and participates in program planning.
2. Angler Survey: The CDFG is contracted to carry out a scientific angler survey in selected Central Valley rivers to assess inland harvest. The CAMP contribution will ensure continuation of this effort on the Sacramento and American rivers.
3. Assessment of 3406(b) actions: In FY 2003, the Service will continue evaluation of projects to accomplish objective 2. This will be primarily a data compilation and assessment effort, using ongoing project-specific and general monitoring to assess 3406(b) fishery actions. An annual report including 2001 data and data assessed will be prepared.
4. American River snorkel survey. Sites throughout the lower American River will be regularly sampled throughout the year to provide timely information on the effects of Folsom Dam operations, and to provide baseline and ongoing restoration monitoring.

B. Schedule and Deliverables

#	Task	Dates		Deliverable
		Start	Complete	
1	Program Management	10/01/02	09/30/03	
1.1	Program Management (FWS)	10/01/02	09/30/03	Revised FY02 Annual Work Plan. Draft FY03 Annual Work Plan. All contracts/agreements in place for activities in the Annual Work Plan. All activities in FY02 Annual Work Plan completed.
1.2	Program Management (USBR)	10/01/02	09/30/03	All activities assigned to USBR staff in FY02 Annual Work Plan completed as All activities assigned to USBR staff in FY02 Annual Work Plan completed as scheduled. Perform as Program Manager when necessary.
2	Angler Survey	10/01/02	09/30/03	Complete annual survey. Provide field data.
3	Assessment Reporting	10/01/02	09/30/03	Complete report
4	American River Monitoring	10/01/02	09/30/03	Complete surveys and report

C. Summary of Program Costs and Funding Sources.

#	Task	Total Cost	Funding Sources
			RF
1	Program Management	\$56,000	\$56,000
1.1	Program Management (FWS)	\$51,000	\$51,000
1.2	Program Management (USBR)	\$5,000	\$5,000
	Angler Survey	\$243,040	\$243,040
2	Assessment Reporting	\$141,960	\$141,960
4	American River Monitoring	\$59,000	\$59,000
	<b>Total Program Budget</b>	<b>\$500,000</b>	<b>\$500,000</b>

D. CVPI A Program Budget.

#	Task	FTE	Direct Salary and Benefits Costs	Contracts Costs	Miscellaneous Costs	Administrative Costs	Total Costs
1	Program Management						
1.1	Program Management (FWS)	0.3	\$42,500	\$0	\$0	\$8,500	<b>\$51,000</b>
1.2	Program Management(BR)	0.0	\$3,000	\$0	\$0	\$2,000	<b>\$5,000</b>
2	Angler Survey	0.0	\$0	\$232,103	\$0	\$10,937	<b>\$243,040</b>
3	Assessment Reporting	1.0	\$118,300		\$0	\$23,660	<b>\$141,960</b>
4	American River Monitor Survey	0.0	\$0	\$56,345		\$2,655	<b>\$59,000</b>
	<b>Total by Category</b>	<b>1.3</b>	<b>\$163,800</b>	<b>\$289,033.49</b>		<b>\$47,166.51</b>	<b>\$550,000</b>

VII. Future Years Commitments/Actions

The Camp program may be revised in future years. There is no commitment to continue funding currently-supported monitoring programs. CAMP reports will continue to be prepared, although not necessarily on an annual basis.