

Work Plan for Fiscal Year 2002

February 6, 2002

I Program Title. Hamilton City Pumping Plant Fish Facility-CVPIA Section 3406(b)(20)

II Responsible Entities.

	Agency	Staff Name	Role
Lead	USBR	Lauren Carly	Project Manager
	CDFG	Nick Villa	Lead State Cost Sharing/CEQA Project Manager
	GCID	Marsha Burch	Co-lead with State Project Manager
Co-Lead	USFWS	Justin Ly	Project Manager
	Corps of Engineers	Creg Hucks	GF Federal Authorization/NEPA Project Manager
	NMFS	Gary Stern	Regulatory Project Manager
	DWR/ Reclamation Board	Stacy Cepello	GF Regulatory Project Manager

III Program Objectives for FY 2002.

The program objectives have been cross-referenced against the actions the program will undertake in FY 2002 in Section VI below. These objectives have their origin in the August 1994 Amended Joint Stipulation and Order issued to Glenn-Colusa Irrigation District (GCID) by the US District Court, Eastern District, wherein, in order to ease the otherwise permanent enjoinder against operating the Hamilton City Pumping Plant from July 15 to November 30 every year, the order requires GCID to see that a permanent fish screen solution is implemented that meets the 0.33 fps approach velocity design criteria of the resource agencies. They subsequently were further defined and carried forward to the March 1994 Fish Screen Modification Feasibility Study and the Final EIS/EIR and Record Of Decision (ROD) signed in 1998. Generally the objectives reflect the desire to meet their water demands while fully protecting all fish species from being entrained into their canal. Then, based on the EIS/EIR, three biological opinions were issued for the construction, testing and first ten years of operations and maintenance. These biological opinions were issued by National Marine Fisheries Service, Fish and Wildlife Service (USFWS), and the Department of Fish and Game. The terms and conditions in them vary, but were coordinated. They reflect the objectives and spell out in more detail, terms and condition that need to be met in order for the project to be acceptable for O&M. Specifically the project objectives (as laid out in the EIS/EIR are:

- A. Elimination of loss or damage to fish in the Sacramento River at Hamilton City (all species with a focus on threatened runs of salmon) from water diversion at GCID's Hamilton City Pumping Plant. GCID diverts up to 3,000 cfs and at times this can be about 25% of the flow at Hamilton City.
- B. Permit GCID to divert up to 3,000 cfs from the Sacramento River under their allocations, rights and contracts, including providing long-term capability to divert water for the Sacramento National Wildlife Refuge (NWR) complex to maintain existing habitat for significant species, including endangered and threatened species other than fish.
- C. Design a fish passage facility that will provide at least a 50-year functional life. This objective reflects that GCID has had four other fish screens at this site all of which failed due primarily to river hydraulics.

The design, construction and operation of the facility requires these objectives to be fully integrated and not separable. These objectives are also the basis for the two cost sharing agreements that have been signed for designing, constructing, and testing the project. One agreement is between the Corps of Engineers and GCID. A second is between GCID and Reclamation. The third is between the State and Reclamation. The State shares in the cost of both the Reclamation portion and the Corps portion of the project.

IV. Status of the Program

Construction of the major facilities were completed during the fall of Fiscal Year 2001 (FY) on the fish screen and gradient restoration work. The fish screen facility is essentially functioning now but has not been tested and the operation not optimized. A replacement shop building, dredge dock rehabilitation, additional mitigation planting (A Corps of Engineers project and funded by the Corps of Engineers), and a four-year testing/operation optimization program are left to be completed before the project will be considered by the Federal Government to have met the conditions of the court order, three Biological Opinions and the NEPA commitments. Once this occurs, the project will be transferred to GCID for routine Operation and Maintenance.

V. FY 2001 Accomplishments

Completed construction of the fish screen structure, gradient facility, and the bypass channel. Started work on the replacement shop construction and dredge dock rehabilitation designs. Initiated and completed construction for a test fish recapture structure. Continued mitigation planting monitoring. Initiated testing program. Drafted an agreement for a project wide audit of cost sharing.

VI. Tasks, Costs, Schedules and Deliverables.

A. Narrative Explanation of Tasks.

1. Project and Program Management - This is provided by the Reclamation Project Manager for the entire project for all three objectives and includes administering the cost sharing agreements, the Reclamation construction contract, participating on the Testing Oversight Committee (TOC), and keeping others informed of the status of the project).
2. Compliance and Optimization Testing - Continue testing of the facility in accordance with the Testing Guidance Manual developed and agreed to by all cooperating agencies and participating in the TOC. All cooperating agencies have a primary and back up representative on the TOC. The testing effort is primarily being done by GCID through contracts with the aid of some Reclamation equipment. Reclamation participates by cost reimbursement. This task is required to meet all three objectives in accordance with the biological opinions and the cost sharing agreements for the project. This task helps meet all three integrated objectives.
3. Mitigation Monitoring - Continue to monitor terrestrial mitigation measures for loss of endangered Elderberry Longhorned Beetle due to construction of the facility, as required by the three biological opinions. This task is primarily carried out by GCID as in-kind services with the Department of Interior (DOI) participating by cost reimbursement. This is a joint task with the Corps of Engineers because the principal mitigation site serves both the Corps' and DOI's portion of the project. This task helps meet all three integrated objectives.
4. Cost Sharing Agreement Administration. - This is provided for by the Reclamation Project Manager. Modify, monitor and make payments for the three cost sharing agreements as required by the Federal Acquisition Regulation. These agreements ensure that the cost sharing and in-kind services are provided in the proportion stated in the Federal authorizations. The transfer of funds into and out of the cost sharing agreements does not need continuous funding throughout the year. This task helps meet all three integrated objectives.
5. Construction Contract Administration - This is staffed by Reclamation construction office staff. Close out the reclamation construction contract in accordance with the Federal Acquisition Regulations. This task helps meet all three integrated objectives.
6. Complete the Design Summary Report - This task is being performed by Reclamation Technical Service Center Staff. This task helps meet all three integrated objectives. This task can be put off another year, if necessary, but it must be completed by the end of FY04.

B. Schedule and Deliverables.

#	Task	Dates		Deliverable
		Start	Complete	
1	Project and Program Management	10/01/01	09/30/02	Annual total project cost tracking tables A and B; status reports, annual work plan, annual activity plan, DOI budget, FWS Statement of Work (SOW) for annual agreement.
2	Compliance and Optimization Testing	10/01/01	09/30/02	Interim biological and hydraulic testing reports for 2002 and the work plans for 2002; interim progress reports on work testing accomplished
3	Mitigation Monitoring	10/01/01	09/30/02	Annual Terrestrial Monitoring Report and site visit reports
4	Cost Sharing Agreement Administration	10/01/01	09/30/02	Mods to the cost sharing agreement; processed pay vouchers
5	Construction Contract Administration	10/01/01	02/30/02	Final contract documents
6	Complete the Design Summary Report	11/01/01	2/30/02	The Design Summary Document for the Fish Screen and Bypass

Explanatory Notes: In addition, the Corps, under their authorization and budget process will accomplish similar tasks in conjunction with those listed above for DOI.

C. Summary of Program Costs and Funding Sources.

#	Task	Total Cost	Funding Sources					
			RF	W&RR	Prop 204			
1	Project and Program Management	\$ 0	\$ 0	\$ 50,000	\$ 0	\$ 0	\$ 0	
2	Compliance and Optimization Testing	\$ 40,100	\$ 0	\$ 40,100	\$ 0	\$ 0	\$ 0	\$ 0
3	Mitigation Monitoring	\$ 22,400	\$ 0	\$ 22,400	\$ 0			
4	Cost Sharing Agreement Administration	\$ 300,000	\$ 0	\$ 300,000	\$ 0			
5	Construction Contract Administration			\$ 177,500				
6	Complete the Design Summary Report			\$ 10,000				
Total Program Budget		??	??	\$ 600,000	??	??	??	??

Explanatory Notes: The Corps will also be providing \$7,633,000 and GCID \$1,268,000 in FY- 02 funds for their specific responsibilities under the cost sharing agreements.

D. CVPI A Program Budget.

#	Task	FT E	Direct Salary and Benefits Costs	Contracts Costs	Miscellaneous Costs	Administrative Costs	Total Costs
1	Project and Program Management	\$1	\$ 50,000	\$ 0	\$ 0	\$ 50,000	\$ 50,000
2	Compliance and Optimization Testing	1.0	\$ 40,100	\$ 0	\$ 0	\$ 0	\$ 40,100
3	Mitigation Monitoring	0.5	\$ 22,400	\$ 0	\$ 0	\$ 0	\$ 22,400
4	Cost Sharing Agreement Administration	0.0	\$ 0	\$ 300,000	\$ 0	\$ 0	\$ 300,000
5	Construction Contract Administration	0.5	\$ 27,500	\$ 150,000			\$ 177,500
6	Complete the Design Summary Report	0.3	\$ 10,000				\$ 10,000
	Total by	3.3	\$ 150,000	\$ 450,000	??	??	\$ 600,000

Explanatory Notes: Salaries include allowable burdens and overheads.

E. Quarterly Obligation/Expenditures.

#	Task	Quarter 1	Quarter 2	Quarter 3	Quarter 4
1	Project and Program Management	\$ 12,500	\$ 12,500	\$ 12,500	\$ 12,500
2	Compliance and Optimization Testing	\$ 20,100	\$ 0	\$ 0	\$ 20,000
3	Mitigation Monitoring	\$ 11,200	\$ 0	\$ 11,200	\$ 0
4	Cost Sharing Agreement Administration	\$	\$ 300,000		
5	Construction Contract Administration	\$ 27,500	\$ 150,000	\$	\$
6	Complete the Design Summary Report	\$ 5,000	\$ 5,000	\$	\$
Total CVPIA Budget by Quarter		\$ 76,300	\$ 467,500	\$ 23,700	\$ 32,500

Explanatory Notes:

VII. Future Years Commitments/Actions.

Continued mitigation monitoring and testing of the completed works as well as administering the cost sharing contract and closing out the project in FY05.