



No.	Activity Name	Sub Act	Pri- ority	Reimb	RMT Mgt Ofc	Activity Manager	FY09 Request	FY10 Orig Est	FY11 Est.	FY12 Est.	FY13 Est.	FY14 Est.	FY15 Est.
0725 - CVP, Sacramento River Division (NC-100)													
0725 - A10 - Water & Energy Management & Development													
149	Water Quality Monitoring	W	2	Yes	NC-100	Wisniewski	25	102	103	106	109	112	115
151	Reservoir And River Operations	W	2	Yes	NC-100	Robertson	-	100	125	129	133	137	141
253	Water Conservation	C	2	No	NC-100	Perkins	-	187	192	197	202	207	212
255	Water Service And Repayment Contracts	H	2	Yes	NC-100	Robertson	255	462	473	482	493	502	525
933	Groundwater Information And Reporting	W	2	No	MP-200	Parrott	18	18	19	19	19	18	-
1059	Butte County	W	2	Yes	NC-100	DeStaso III	-	210	-	-	-	-	-
2976	Sites Reservoir (NODOS)	0	3	No	MP-700	Lewis	-	5,000	500	-	-	-	-
A10 - Approp Subtotal:							298	6,079	1,412	933	956	976	993
0725 - A20 - Land Management & Development													
256	Hazardous Materials Management Program	L	2	Yes	NC-100	Varner	25	100	100	100	100	100	100
762	Land Management Activities	L	2	Yes	NC-100	Hobbs	-	93	167	171	176	181	184
A20 - Approp Subtotal:							25	193	267	271	276	281	284
0725 - A30 - Fish & Wildlife Management & Development													
261	Red Bluff Fish Passage Planning Program	F	2	Yes	NC-100	Freeman	526	5,000	890	916	942	968	994
262	Glenn Colusa Irrigation District Fish Screen Improvements	F	2	Yes	NC-100	Carly	28	58	58	58	58	-	-
264	Stony Creek C H O	F	2	Yes	NC-100	Trout	54	455	468	478	485	494	503
267	Tehama Colusa Canal Deer Fencing	F	2	Yes	NC-100	Trout	-	37	-	-	-	-	-
852	Red Bluff Pumping Plant Construction	F	1	Yes	NC-100	Freeman	-	-	50,000	75,000	50,000	10,000	-
A30 - Approp Subtotal:							608	5,550	51,416	76,452	51,485	11,462	1,497
0725 - A40 - Facilities Operation													
268	Red Bluff Diversion Dam	N	1	Yes	NC-100	Freeman	75	300	104	111	120	127	136
270	Tehama Colusa Service Area	N	1	Yes	NC-100	Parrott	60	92	95	97	97	88	92
275	Sacramento River Water Metering System	N	1	Yes	NC-100	Freeman	793	820	827	846	863	880	899
276	Red Bluff Research Pumping Plant O&M	N	1	Yes	NC-100	Freeman	383	402	406	410	414	420	425
277	Tehama Colusa Fish Facility	G	1	Yes	NC-100	Freeman	14	86	88	90	92	94	98
929	Sacramento River Temperature Control	N	1	Yes	MP-700	Yaworsky	20	20	-	-	-	-	-
930	Hydrilla Detection And Eradication Program	N	2	No	NC-100	Pederson	28	28	28	28	28	28	28
931	Aquatic Weed Research	N	2	No	NC-100	Pederson	24	24	24	24	24	24	24
A40 - Approp Subtotal:							1,397	1,772	1,572	1,606	1,638	1,661	1,702
0725 - A50 - Facilities Maintenance & Rehabilitation													
278	Life Safety Code	M	2	Yes	NC-100	Bader	100	150	150	150	150	150	150
A50 - Approp Subtotal:							100	150	150	150	150	150	150
0725 - Project Subtotal:							2,428	13,744	54,817	79,412	54,505	14,530	4,626

* before the Activity ID denotes a New-Start Activity.

No.	Activity Name	Sub Act	Pri- ority	Reimb	RMT Mgt Ofc	Activity Manager	FY09 Request	FY10 Orig Est	FY11 Est.	FY12 Est.	FY13 Est.	FY14 Est.	FY15 Est.
Report Total:							2,428	13,744	54,817	79,412	54,505	14,530	4,626
A10 - Approp Subtotal:							298	6,079	1,412	933	956	976	993
A20 - Approp Subtotal:							25	193	267	271	276	281	284
A30 - Approp Subtotal:							608	5,550	51,416	76,452	51,485	11,462	1,497
A40 - Approp Subtotal:							1,397	1,772	1,572	1,606	1,638	1,661	1,702
A50 - Approp Subtotal:							100	150	150	150	150	150	150
Report Total:							2,428	13,744	54,817	79,412	54,505	14,530	4,626



Activity Name:	Water Quality Monitoring	Activity ID:	149
Project/Division:	0725 - CVP, Sacramento River Division (NC-100)	Subject to Reimbursement:	Yes
Description of Activity:		Fund:	A1W

Calibrating, operating, maintaining, repairing and/or replacing satellite telemetry continuous water quality monitoring stations located on the Sacramento River. Water quality data is reported and collected for parameters, particularly temperature, to determine compliance with water quality standards, statutes, regulations, plans, and/or policies and to provide data for trend analysis and historical comparisons. Maintain quality controls/assurances on data and related equipment.

Explanation Change from PFY:

Impact(s) if Unfunded:

Endangered and threatened salmon and steelhead populations would be harmed. Compliance requirements under the CVPIA, ESA, California Water Rights Order 90-5 and the California Basin Plan would not be met. The inability to monitor real time changes in water quality would impact water management decisions especially thermal control of the river.

Activity Authorization:

P.L. 81-839, Sacramento Valley Canals, September 26, 1950; P.L. 90-65, Amend Sacramento Valley Canals Act, August 19, 1967; P.L. 102-575, Title XXXIV, Reclamation Projects Authorization and Adjustment Act; Central Valley Project Improvement Act of October 30, 1992; P.L. 93-205, Endangered Species Act of 1973; California State Water Resources Control Board Order 90-5; California Water Code, section 13240, Basin Plans supported by the Clean Water Act.



FY 2011 - Budget Activity Plan Extract

***** ALL DOLLARS IN THOUSANDS *****

Object Code		Breakdown by Object Code				
		FY11	FY12	FY13	FY14	FY15
1100	Total Salaries & Benefits	49	50	51	52	54
2500	Other Services	8	9	9	10	10
2600	Supplies & Materials	10	11	11	12	12
3100	Equipment	6	6	6	6	6
8126	Regional Indirect Cost	15	15	16	16	16
8128	Office Indirect Cost	15	15	16	16	17
Total Federal Estimate:		103	106	109	112	115
Total Estimate:		103	106	109	112	115



Activity Name:	Reservoir And River Operations	Activity ID:	151
Project/Division:	0725 - CVP, Sacramento River Division (NC-100)	Subject to Reimbursement:	Yes
Description of Activity:		Fund:	A1W

Funding is required to provide real-time monitoring and reporting on water operations on the Sacramento River and Stony Creek. Work involves establishing SCADA equipment at diversion points, reservoirs, and watershed locations to better coordinate operations with other Federal, State and local agencies. Equipment is used for obtaining and reporting water forecasts, taking water measurements, and monitoring releases and diversions.

Explanation Change from PFY:

Impact(s) if Unfunded:

The lack of accurate measurements would result in loss of revenue to the United States or overpayment by the contractors. Accurate, real time data for reservoir operations protects lives, property, livestock, and fish and wildlife habitat.

Activity Authorization:

P.L. 102-575, Reclamation Projects Authorization and Adjustment Act of 1992, Title XXXIV, October 30,1992, the Reclamation Act of 1902 and the Reclamation Project Act of 1939.



FY 2011 - Budget Activity Plan Extract

***** ALL DOLLARS IN THOUSANDS *****

Object Code		Breakdown by Object Code				
		FY11	FY12	FY13	FY14	FY15
2600	Supplies & Materials	50	52	54	56	58
3100	Equipment	75	77	79	81	83
Total Federal Estimate:		125	129	133	137	141
Total Estimate:		125	129	133	137	141



Activity Name:	Water Conservation	Activity ID:	253
Project/Division:	0725 - CVP, Sacramento River Division (NC-100)	Subject to Reimbursement:	No
Description of Activity:		Fund:	A1C

This activity involves administering the water conservation program as required by Section 210 of the Reclamation Reform Act of 1982 (RRA), Section 3405 of Public Law 102-575, the Central Valley Project Improvement Act (CVPIA), and water service, repayment, exchange, and Sacramento River Settlement Contracts. Assistance is provided to contractors in the water conservation planning and implementation process. Contractors plans and annual updates are reviewed for adequacy. The program identifies directives (criteria) and provides assistance to contractors for management, research and technological improvements in urban and agricultural water conservation. The program manager provides solicitation for proposals and acts as COR/GCAOR on grants to eligible recipients.

Explanation Change from PFY:

Impact(s) if Unfunded:

Reclamation would not be able to accomplish the encouragement, planning, criteria development and review requirements of the RRA, CVPIA, and water service, repayment, exchange and Sacramento River settlement contracts. Without assistance, many of the smaller contractors would find it very difficult to comply with their contractual requirements to develop and implement an effective water conservation program. The Area level Field Services Program is entirely dependent on funding through Reclamations Area Office budgeting while the cost share assistance grants are being funded through Regional Office sources. Reduced funding will inhibit the rate of implementation of the water conservation management and technological improvements that are necessary to accomplish the objectives of improved water management efficiencies. The greatest impacts will be felt during periods of reduced contract allocations.

Activity Authorization:

P.L. 102-575 CVPIA, RRA



FY 2011 - Budget Activity Plan Extract

***** ALL DOLLARS IN THOUSANDS *****

Object Code		Breakdown by Object Code				
Object Code		FY11	FY12	FY13	FY14	FY15
1100	Total Salaries & Benefits	112	115	118	121	124
2100	Total Travel	4	4	4	4	4
2400	Printing and Repro	1	1	1	1	1
2600	Supplies & Materials	9	9	9	9	9
8126	Regional Indirect Cost	33	34	35	36	37
8128	Office Indirect Cost	33	34	35	36	37
Total Federal Estimate:		192	197	202	207	212
Total Estimate:		192	197	202	207	212



FY 2011 - Budget Activity Plan Extract

Activity Name:	Water Service And Repayment Contracts	Activity ID:	255
Project/Division:	0725 - CVP, Sacramento River Division (NC-100)	Subject to Reimbursement:	Yes
Description of Activity:		Fund:	A1H

This activity involves the administration of 136 Sacramento River Settlement Contracts, 25 water service contracts, 2 water replacement contracts, 4 repayment contracts, and 1 operation and maintenance agreement. Activities include the collection and accounting for revenues to the Reclamation and Restoration Funds; processing requests for contracts (Warren Act and Section 215), contract amendments, water transfers, annexations, detachments, land classification/reclassification, and changes in points of diversion and purposes of use; collecting annual crop reports; and reviewing and commenting on environmental documents related to these activities.

Explanation Change from PFY:

Impact(s) if Unfunded:

Reclamation would not be able to fulfill its contractual obligations. Revenue due the United States for water provided to the contractors may not be collected.

Activity Authorization:

The Reclamation Act of 1902 and the Reclamation Project Act of 1939; P.L. 81-839, Sacramento Valley Canals, September 26, 1950; P.L. 90-65, Amend Sacramento Valley Canals Act, August 19, 1967; P.L. 102-575, Reclamation Projects Authorization and Adjustment Act of 1992, Title XXXIV, October 30, 1992.



FY 2011 - Budget Activity Plan Extract

***** ALL DOLLARS IN THOUSANDS *****

Object Code		Breakdown by Object Code				
Object Code		FY11	FY12	FY13	FY14	FY15
1100	Total Salaries & Benefits	255	260	265	270	276
2100	Total Travel	5	5	5	5	6
2300	Rent Comm & Util	15	15	15	15	18
2500	Other Services	31	32	33	34	37
2600	Supplies & Materials	13	14	15	16	18
8126	Regional Indirect Cost	77	78	80	81	85
8128	Office Indirect Cost	77	78	80	81	85
Total Federal Estimate:		473	482	493	502	525
Total Estimate:		473	482	493	502	525



FY 2011 - Budget Activity Plan Extract

Activity Name:	Groundwater Information And Reporting	Activity ID:	933
Project/Division:	0725 - CVP, Sacramento River Division (NC-100)	Subject to Reimbursement:	No
Description of Activity:		Fund:	A1W

Data management activities for groundwater data, including data entry, quality control, uploading of data to the data base, and reporting. This activity includes responding to customer requests for data and information. Regional support is provided for all data management activities for the groundwater management systems.

The collection of field data is performed by the Area Offices and is funded by other activities. This Activity Plan is for the management of the collected data.

Explanation Change from PFY:

Impact(s) if Unfunded:

If unfunded, field data would not be processed and interpreted and assessment of the most current groundwater conditions would not be possible.

With the loss of well measurement data, it would be more difficult to project future water availability.

Activity Authorization:



FY 2011 - Budget Activity Plan Extract

***** ALL DOLLARS IN THOUSANDS *****

Object Code		Breakdown by Object Code				
		FY11	FY12	FY13	FY14	FY15
1100	Total Salaries & Benefits	11	11	11	10	-
8126	Regional Indirect Cost	3	3	3	3	-
8128	Office Indirect Cost	5	5	5	5	-
Total Federal Estimate:		19	19	19	18	-
Total Estimate:		19	19	19	18	-



FY 2011 - Budget Activity Plan Extract

Activity Name:	Sites Reservoir (NODOS)	Activity ID:	2976
Project/Division:	0725 - CVP, Sacramento River Division (NC-100)	Subject to Reimbursement:	No
Description of Activity:		Fund:	A10

Initiate pre-construction activities to include real estate acquisition, specification level designs, and execution of agreements.

Explanation Change from PFY:

Impact(s) if Unfunded:

It is possible that OMB would require additional analyses be completed before submittal of the feasibility report to Congress. We would be unable to respond to OMB comments without this funding.

Activity Authorization:

P.L. 108-07



FY 2011 - Budget Activity Plan Extract

***** ALL DOLLARS IN THOUSANDS *****

Object Code		Breakdown by Object Code				
Object Code		FY11	FY12	FY13	FY14	FY15
1100	Total Salaries & Benefits	50	-	-	-	-
2500	Other Services	420	-	-	-	-
8126	Regional Indirect Cost	15	-	-	-	-
8128	Office Indirect Cost	15	-	-	-	-
Total Federal Estimate:		500	-	-	-	-
Total Estimate:		500	-	-	-	-

Object Code Description:

25** : Contract



FY 2011 - Budget Activity Plan Extract

Activity Name:	Hazardous Materials Management Program	Activity ID:	256
Project/Division:	0725 - CVP, Sacramento River Division (NC-100)	Subject to Reimbursement:	Yes
Description of Activity:		Fund:	A2L

Handle, collect, characterize, store, and/or dispose of hazardous materials and wastes throughout the Northern California Area Office (NCAO). RCRA mandates a "cradle to grave" responsibility for hazardous waste. RCRA and State regulations contain requirements regarding the proper labeling, storage, handling and ongoing disposal of hazardous wastes, and Reclamation facilities are generators of waste including solvents, used oil, paints and thinners, oily rags, pesticides, toner and laboratory chemicals, etc. Updates and revisions of Spill Prevention control and countermeasure plans are required every three years for most Mid-Pacific Regional facilities as mandated by the CWA. Investigate, characterize and clean up hazardous waste sites throughout the NCAO. Determination of hazardous waste and cleanup of contaminated sites is required under RCRA and CERCLA.

Explanation Change from PFY:

No increase from initial request in prior year.

Impact(s) if Unfunded:

If not fully funded, Reclamation may face fines and penalties for failure to properly manage hazardous materials and waste. Failing to manage hazardous materials and waste may endanger water resources, the environment, and public health.

Activity Authorization:

RCRA, CERCLA



FY 2011 - Budget Activity Plan Extract

***** ALL DOLLARS IN THOUSANDS *****

Object Code		Breakdown by Object Code				
		FY11	FY12	FY13	FY14	FY15
1100	Total Salaries & Benefits	22	22	22	22	22
2500	Other Services	33	33	33	33	33
2600	Supplies & Materials	31	31	31	31	31
8126	Regional Indirect Cost	7	7	7	7	7
8128	Office Indirect Cost	7	7	7	7	7
Total Federal Estimate:		100	100	100	100	100
Total Estimate:		100	100	100	100	100



FY 2011 - Budget Activity Plan Extract

Activity Name:	Land Management Activities	Activity ID:	762
Project/Division:	0725 - CVP, Sacramento River Division (NC-100)	Subject to Reimbursement:	Yes
Description of Activity:		Fund:	A2L

Activities include issuance and administration of land use permits, licenses, and easements; resolving trespasses of land held by the United States for project purposes; routine inspections of Reclamation properties; title and boundary research; and administration of contracts for construction and maintenance activities on Reclamation land.

Explanation Change from PFY:

Impact(s) if Unfunded:

If not fully funded, lands will not be properly administered and subject to trespass, misuse, vandalism, illegal dumping of trash and/or hazardous waste.

Activity Authorization:

Reclamation Act of 1902 and the Reclamation Project Act of 1939



FY 2011 - Budget Activity Plan Extract

***** ALL DOLLARS IN THOUSANDS *****

Object Code		Breakdown by Object Code				
Object Code		FY11	FY12	FY13	FY14	FY15
1100	Total Salaries & Benefits	100	102	104	106	108
2500	Other Services	6	6	7	7	8
2600	Supplies & Materials	3	3	3	4	4
8126	Regional Indirect Cost	29	30	31	32	32
8128	Office Indirect Cost	29	30	31	32	32
Total Federal Estimate:		167	171	176	181	184
Total Estimate:		167	171	176	181	184



Activity Name:	Red Bluff Fish Passage Planning Program	Activity ID:	261
Project/Division:	0725 - CVP, Sacramento River Division (NC-100)	Subject to Reimbursement:	Yes
Description of Activity:		Fund:	A3F

The Red Bluff Diversion Dam impedes both upstream and downstream fish passage to the upper Sacramento River spawning grounds of nearly all the Chinook salmon. The objective of this program is to remove or mitigate those remaining impediments while delivering water, and if possible, preserving Lake Red Bluff. Out year funding reflects the anticipated implementation of the solution for the fish passage problems at Red Bluff Diversion Dam with expectation of fishery baseline studies and monitoring requirements by National Marine Fisheries Service (NMFS). The green sturgeon, a little known species, is now listed as a threatened species as of 2006.

Explanation Change from PFY:

Impact(s) if Unfunded:

Reduced or no funding will delay completion of the Biological Opinion and Operations ROD. Any reduction to the 4 month diversion period will cause severe financial losses in agriculture and will also have a negative impact on water deliveries to the Tehama Colusa Canal Authority. Implications could extend to decisions concerning Sites Reservoir and recent concepts for conveyance of water to critical Delta smelt habitat in Suisun Bay and the rapidly developing urban zone along I-80 and southern I-5.

Activity Authorization:

P.L. 102-575, Section 3406, CVPIA



FY 2011 - Budget Activity Plan Extract

***** ALL DOLLARS IN THOUSANDS *****

Object Code		Breakdown by Object Code				
		FY11	FY12	FY13	FY14	FY15
1100	Total Salaries & Benefits	350	360	370	380	390
2500	Other Services	300	310	320	330	340
2600	Supplies & Materials	30	30	30	30	30
8126	Regional Indirect Cost	105	108	111	114	117
8128	Office Indirect Cost	105	108	111	114	117
Total Federal Estimate:		890	916	942	968	994
Total Estimate:		890	916	942	968	994



FY 2011 - Budget Activity Plan Extract

Activity Name:	Glenn Colusa Irrigation District Fish Screen Improvements	Activity ID:	262
Project/Division:	0725 - CVP, Sacramento River Division (NC-100)	Subject to Reimbursement:	Yes
Description of Activity:		Fund:	A3F

Replacing, extending, and testing an existing defective fish screen facility to allow the continued pumping of irrigation and refuge water supplies from the Sacramento River while meeting current State and Federal agency screening criteria for endangered fish species. A fish bypass facility, recapture facilities, and a monitoring and evaluation program are also included.

Explanation Change from PFY:

Impact(s) if Unfunded:

as of 6/6/07: Lack of Reclamation involvement in ongoing issues.

Activity Authorization:

P.L. 102-575, Title 34, Section 3406 (b)20



FY 2011 - Budget Activity Plan Extract

***** ALL DOLLARS IN THOUSANDS *****

Object Code		Breakdown by Object Code				
		FY11	FY12	FY13	FY14	FY15
1100	Total Salaries & Benefits	36	36	36	-	-
8126	Regional Indirect Cost	6	6	6	-	-
8128	Office Indirect Cost	16	16	16	-	-
Total Federal Estimate:		58	58	58	-	-
Total Non-Federal Cost Share:		-	-	-	-	-
Total Estimate:		58	58	58	-	-



Activity Name:	Stony Creek C H O	Activity ID:	264
Project/Division:	0725 - CVP, Sacramento River Division (NC-100)	Subject to Reimbursement:	Yes
Description of Activity:		Fund:	A3F

Project activities will consist of continuation of limited monitoring of fish in lower Stony Creek to include the use of seine nets in Stony Creek prior to diversions and the use of fyke nets at the intakes to both the Constant Head Orifice (CHO) and the North Canal when diversions are occurring in the spring, in accordance with the terms and conditions of the Biological Opinion issued by the NOAA Fisheries on June 20, 2008 (Lower Stony Creek Water Management) or until fish fish screens are placed according to DFG requirements or until operations are discontinued. Project activities could also consist of an alternate means of fish monitoring such as separation screens, possible installation of a fish screen and passage structure at the CHO on the Tehama Colusa Canal and a fish screen and ladder at the Northside Diversion Dam and Canal. Monitoring of the management activities will be required to insure effectiveness and compliance with the BO. Continuation of the fish monitoring study will require the efforts of one to two fishery biologists and several technicians/aides, as well as equipment purchase and maintenance, report writing and consultation/meeting processes. Monitoring may be contracted out and it may be necessary to construct a monitoring system that is safe and effective at high flows.

Explanation Change from PFY:

The 3-year fish monitoring study was concluded in 2004. Limited monitoring and use of fyke nets to prevent entrainment into the canals needs to continue according to the BO issued by NOAA Fisheries in March 2002 and the final BO expected Summer 2008.

Impact(s) if Unfunded:

Violation of the Biological Opinion issued by NOAA Fisheries in March of 2002.

Activity Authorization:

The Fish and Wildlife Coordination Act (16 U.S.C. 661-667e; the Act of March 10, 1934; Ch. 55; 48 Stat. 401), as amended and P.L. 89-72, 79 Stat. 216, July 9, 1965. The amendments enacted in 1946 require consultation with the Fish and Wildlife Service and the fish and wildlife agencies of States where the "waters of any stream or other body of water are proposed or authorized, permitted or licensed to be impounded, diverted . . . or otherwise controlled or modified" by any agency under a Federal permit or license. Consultation is to be undertaken for the purpose of "preventing loss of and damage to wildlife resources."

Endangered Species Act of 1973; Section 7 (2) Each Federal agency shall, in consultation with and with the assistance of the Secretary, insure that any action authorized, funded, or carried out by such agency (hereinafter in this section referred to as an "agency action") is not likely to jeopardize the continued existence of any endangered species or threatened species or result in the destruction or adverse modification of habitat of such species.



FY 2011 - Budget Activity Plan Extract

***** ALL DOLLARS IN THOUSANDS *****

Object Code		Breakdown by Object Code				
Object Code		FY11	FY12	FY13	FY14	FY15
1100	Total Salaries & Benefits	160	165	170	175	180
2200	Total Transportation	2	2	2	2	2
2400	Printing and Repro	5	5	5	5	5
2500	Other Services	58	58	58	58	58
3100	Equipment	147	148	148	148	148
8126	Regional Indirect Cost	48	50	51	53	55
8128	Office Indirect Cost	48	50	51	53	55
Total Federal Estimate:		468	478	485	494	503
Total Estimate:		468	478	485	494	503



FY 2011 - Budget Activity Plan Extract

Activity Name:	Red Bluff Pumping Plant Construction	Activity ID:	852
Project/Division:	0725 - CVP, Sacramento River Division (NC-100)	Subject to Reimbursement:	Yes
Description of Activity:		Fund:	A3F

The Red Bluff Diversion Dam impedes both upstream and downstream fish passage to the upper Sacramento River spawning grounds of nearly all the Chinook salmon. The objective of this program is to remove or mitigate those remaining impediments while delivering water, and, if possible, preserving Lake Red Bluff. Out year funding reflects the construction of Red Bluff Pumping Plant as the solution for the fish passage issues at Red Bluff Diversion Dam with expectation of fishery baseline studies and monitoring requirements by National Marine Fisheries Service (NMFS). The green sturgeon, a little known species, is now listed as a threatened species as of 2006. Costs are estimated pending a Record of Decision (ROD).

Explanation Change from PFY:

A Record of Decision (ROD) will be issued in July FY 2008 and implementation of the chosen alternative will be the construction of Red Bluff Pumping Plant. The budget has been increased to include costs for planning activities, pre-design, design, award, and construction. Construction of Red Bluff Pumping Plant alternative is expected to be completed in FY 2014.

Impact(s) if Unfunded:

Construction of a structural fix would be delayed. Reduced or no funding will delay completing of the structural fix and increase costs. Any reduction of present four months of dam diversion due to fishery issues will cause tens of millions of dollars in loss to agriculture. Under funding would have a negative impact on water delivered to the Tehama Colusa Canal Authority. Implications could extend to decisions concerning Sites Reservoir and recent concepts for conveyance of water to critical Delta smelt habitat in Suisun Bay and the rapidly developing urban zone along I-80 and southern I-5.

Activity Authorization:

P.L. 102-575, Section 3406, CVPIA



FY 2011 - Budget Activity Plan Extract

***** ALL DOLLARS IN THOUSANDS *****

Object Code		Breakdown by Object Code				
Object Code		FY11	FY12	FY13	FY14	FY15
1100	Total Salaries & Benefits	676	676	681	671	-
2500	Other Services	28,900	68,584	28,883	7,805	-
253Q	PF-75 Denver	20,000	5,310	20,000	1,100	-
2600	Supplies & Materials	30	30	30	30	-
8126	Regional Indirect Cost	197	200	203	197	-
8128	Office Indirect Cost	197	200	203	197	-
Total Federal Estimate:		50,000	75,000	50,000	10,000	-
Total Estimate:		50,000	75,000	50,000	10,000	-



FY 2011 - Budget Activity Plan Extract

Activity Name:	Red Bluff Diversion Dam	Activity ID:	268
Project/Division:	0725 - CVP, Sacramento River Division (NC-100)	Subject to Reimbursement:	Yes
Description of Activity:		Fund:	A4N

Operation and maintenance of Red Bluff Diversion Dam and associated facilities for delivery of irrigation and refuge water to Tehama, Colusa, and Corning canals including the installation and removal of temporary fish screens and fish ladder at gate 6.

Explanation Change from PFY:

Impact(s) if Unfunded:

Water deliveries will be interrupted or stopped and will result in a loss of revenue and damage to wildlife. Tehama, Colusa, and Corning canals support a \$50 million agriculture base.

Activity Authorization:

P.L. 81-839, Sacramento Valley Canals, September 26, 1950; P.L. 90-65, Amend Sacramento Valley Canals Act, August 19, 1967; and P.L. 102-575, Reclamation Projects Authorization and Adjustment Act of 1992, October 30, 1992.



FY 2011 - Budget Activity Plan Extract

***** ALL DOLLARS IN THOUSANDS *****

Object Code		Breakdown by Object Code				
Object Code		FY11	FY12	FY13	FY14	FY15
1100	Total Salaries & Benefits	38	43	48	53	58
2500	Other Services	20	20	20	20	20
2600	Supplies & Materials	20	20	20	20	20
3100	Equipment	2	2	2	2	2
8126	Regional Indirect Cost	12	13	15	16	18
8128	Office Indirect Cost	12	13	15	16	18
Total Federal Estimate:		104	111	120	127	136
N/F	Non-Federal Cost Share	350	350	350	350	350
Total Non-Federal Cost Share:		350	350	350	350	350
Total Estimate:		454	461	470	477	486



FY 2011 - Budget Activity Plan Extract

Activity Name:	Tehama Colusa Service Area	Activity ID:	270
Project/Division:	0725 - CVP, Sacramento River Division (NC-100)	Subject to Reimbursement:	Yes
Description of Activity:		Fund:	A4N

Groundwater monitoring and report preparation. All semiannual well measurements are used to determine long term groundwater trends in service area. Data is entered into Reclamation's groundwater database and shared with public and private agencies. This basic data are a major source for all water resources planning and evaluation studies.

Explanation Change from PFY:

Impact(s) if Unfunded:

Activity Authorization:

P.L. 81-839, Sacramento Valley Canals, September 26, 1950; P.L. 90-65, Amend Sacramento Valley Canals Act, August 19, 1967; and P.L. 102-575, Reclamation Projects Authorization and Adjustment Act of 1992, October 30, 1992



FY 2011 - Budget Activity Plan Extract

***** ALL DOLLARS IN THOUSANDS *****

Object Code		Breakdown by Object Code				
Object Code		FY11	FY12	FY13	FY14	FY15
1100	Total Salaries & Benefits	44	45	45	43	42
2100	Total Travel	6	7	7	4	7
2200	Total Transportation	2	2	2	1	2
2500	Other Services	3	3	3	2	3
8126	Regional Indirect Cost	14	14	14	13	14
8128	Office Indirect Cost	26	26	26	25	24
Total Federal Estimate:		95	97	97	88	92
Total Estimate:		95	97	97	88	92



FY 2011 - Budget Activity Plan Extract

Activity Name:	Sacramento River Water Metering System	Activity ID:	275
Project/Division:	0725 - CVP, Sacramento River Division (NC-100)	Subject to Reimbursement:	Yes
Description of Activity:		Fund:	A4N

Maintenance, calibration, and reading of water meters along the Sacramento River, including stream gauges.

Explanation Change from PFY:

Impact(s) if Unfunded:

Reclamation would be unable to maintain accurate records to ensure appropriate billings. River contractors would not be able to farm. A large agricultural loss would result from reduced or discontinued water deliveries.

Activity Authorization:

P.L. 81-839, Sacramento Valley Canals, September 26, 1950; P.L. 90-65, Amend Sacramento Valley Canals Act, August 19, 1967; and P.L. 102-575, Reclamation Projects Authorization and Adjustment Act of 1992, October 30, 1992.



FY 2011 - Budget Activity Plan Extract

***** ALL DOLLARS IN THOUSANDS *****

Object Code		Breakdown by Object Code				
Object Code		FY11	FY12	FY13	FY14	FY15
1100	Total Salaries & Benefits	320	325	330	335	340
2300	Rent Comm & Util	10	10	10	10	10
2500	Other Services	245	250	255	260	265
2600	Supplies & Materials	45	50	55	60	65
3100	Equipment	15	15	15	15	15
8126	Regional Indirect Cost	96	98	99	100	102
8128	Office Indirect Cost	96	98	99	100	102
Total Federal Estimate:		827	846	863	880	899
Total Estimate:		827	846	863	880	899



FY 2011 - Budget Activity Plan Extract

Activity Name:	Red Bluff Research Pumping Plant O&M	Activity ID:	276
Project/Division:	0725 - CVP, Sacramento River Division (NC-100)	Subject to Reimbursement:	Yes
Description of Activity:		Fund:	A4N

Operate and maintain Research Pumping Plant for deliveries of irrigation and refuge water to Tehama Colusa and Corning canals. This pumping plant must function reliably to provide water when Red Bluff Diversion Dam is unavailable.

Explanation Change from PFY:

Impact(s) if Unfunded:

Water deliveries will be interrupted or stopped and will cause a loss of revenue and damage to wildlife. Tehama, Colusa, and Corning canals support a \$50 million agriculture base.

Activity Authorization:

P.L. 81-839, Sacramento Valley Canals, September 26, 1950; P.L. 90-65, Amend Sacramento Valley Canals Act, August 19, 1967; and P.L. 102-575, Reclamation Projects Authorization and Adjustment Act of 1992, October 30, 1992.



FY 2011 - Budget Activity Plan Extract

***** ALL DOLLARS IN THOUSANDS *****

Object Code		Breakdown by Object Code				
Object Code		FY11	FY12	FY13	FY14	FY15
1100	Total Salaries & Benefits	226	227	228	229	230
2500	Other Services	28	30	32	34	35
2600	Supplies & Materials	13	14	15	16	16
3100	Equipment	3	3	3	3	4
8126	Regional Indirect Cost	68	68	68	69	70
8128	Office Indirect Cost	68	68	68	69	70
Total Federal Estimate:		406	410	414	420	425
Total Estimate:		406	410	414	420	425



FY 2011 - Budget Activity Plan Extract

Activity Name:	Tehama Colusa Fish Facility	Activity ID:	277
Project/Division:	0725 - CVP, Sacramento River Division (NC-100)	Subject to Reimbursement:	Yes
Description of Activity:		Fund:	A4G

Funding required to maintain roads and drainage ditches in and around Tehama Colusa Fish Facility.

Explanation Change from PFY:

Impact(s) if Unfunded:

Failure to perform required maintenance will result in degradation of facility. If drains no longer function adjacent landowners would be flooded with loss of crops and damage to property.

Activity Authorization:

P.L. 81-839, Sacramento Valley Canals, September 26, 1950; P.L. 90-65, Amend Sacramento Valley Canals Act, August 19, 1967; and P.L. 102-575, Reclamation Projects Authorization and Adjustment Act of 1992, October 30, 1992.



FY 2011 - Budget Activity Plan Extract

***** ALL DOLLARS IN THOUSANDS *****

Object Code		Breakdown by Object Code				
Object Code		FY11	FY12	FY13	FY14	FY15
1100	Total Salaries & Benefits	46	47	48	49	50
2600	Supplies & Materials	14	15	16	17	18
8126	Regional Indirect Cost	14	14	14	14	15
8128	Office Indirect Cost	14	14	14	14	15
Total Federal Estimate:		88	90	92	94	98
Total Estimate:		88	90	92	94	98



Activity Name:	Hydrilla Detection And Eradication Program	Activity ID:	930
Project/Division:	0725 - CVP, Sacramento River Division (NC-100)	Subject to Reimbursement:	No
Description of Activity:		Fund:	A4N

Hydrilla verticillata (hydrilla) is one of several aquatic nuisance species that adversely affects water quality and deliverability if allowed to become established in water conveyance systems. Hydrilla and other aquatic nuisance species, such as parrot feather, Eurasian milfoil, and water hyacinth, grow into dense mats in or above the water column and impede water flow and light transmission. This results in loss of essential native vegetation, destruction of fish and wildlife habitats, degradation of water quality, alteration in fish predator-prey relationships, and a decrease in dissolved oxygen concentration that can lead to massive fish kills.

Dense infestations of aquatic nuisance species prevent the use of water systems for industrial, agricultural, domestic, and recreational purposes by clogging rivers, streams, canals, ditches, and intakes, reducing their capacity and preventing the timely delivery of water to customers.

This activity is to protect Reclamation's water storage and conveyance systems by detecting, controlling, and eradicating hydrilla and other aquatic nuisance species.

Explanation Change from PFY:

Impact(s) if Unfunded:

Without a program to detect and eradicate pernicious aquatic weeds, environmental damage would occur, and Reclamation's ability to deliver water and meet contracts would be impeded. The result could be substantial economic loss.

Activity Authorization:

Plant Protection Act, P.L. 106-224
Noxious Weed Control and Eradication Act, P.L. 108-412



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***** ALL DOLLARS IN THOUSANDS *****

Object Code		Breakdown by Object Code				
Object Code		FY11	FY12	FY13	FY14	FY15
2500	Other Services	28	28	28	28	28
	Total Federal Estimate:	28	28	28	28	28
N/F	Non-Federal Cost Share	1,338	1,338	1,338	1,338	1,338
	Total Non-Federal Cost Share:	1,338	1,338	1,338	1,338	1,338
	Total Estimate:	1,366	1,366	1,366	1,366	1,366

Object Code Description:

2500: 1 service contract



Activity Name:	Aquatic Weed Research	Activity ID:	931
Project/Division:	0725 - CVP, Sacramento River Division (NC-100)	Subject to Reimbursement:	No
Description of Activity:		Fund:	A4N

Aquatic and ditchbank weeds located in, on, and adjacent to water storage, conveyance, and distribution systems are a threat to native aquatic species diversity, irrigated agriculture, and to essential water uses, including municipal and industrial water, water-dependent recreation, and water conveyance and storage systems. Aquatic nuisance weeds also prevent timely delivery of water, increase the cost of delivering water, lower the quality and quantity of available water, and adversely affect fish. Direct annual losses caused by aquatic and ditchbank weeds exceeds \$500 million. An estimated 2 million acre-feet of water is lost annually due to aquatic weeds, which equates to a \$110 million loss in productive value.

This activity is for basic and applied research on biological control agents, herbicide efficacy, and growth and reproduction of such weeds as Hydrilla verticillata (hydrilla), Egeria densa (egeria), Eurasian milfoil, parrot feather, water primrose, and water hyacinth.

Explanation Change from PFY:

Impact(s) if Unfunded:

Without a program to effectively control or eradicate these pernicious aquatic weeds, environmental damage would occur, and Reclamation's ability to deliver water and meet contracts would be impeded. Waterways would be clogged, water quality and quantity would be reduced, the cost of delivering water would increase, the quality of aquatic habitat would decrease, and water-dependent recreation would be greatly reduced. The result could be substantial economic loss.

Activity Authorization:

Section 1453 of P.L. 101-624, Amendment to the Noxious Weed Act (104 Stat 3611) and P.L. 104-46.



FY 2011 - Budget Activity Plan Extract

***** ALL DOLLARS IN THOUSANDS *****

Object Code		FY11	FY12	FY13	FY14	FY15
2500	Other Services	24	24	24	24	24
Total Federal Estimate:		24	24	24	24	24
Total Estimate:		24	24	24	24	24

Object Code Description:

2500: 1 interagency agreement



FY 2011 - Budget Activity Plan Extract

Activity Name:	Life Safety Code	Activity ID:	278
Project/Division:	0725 - CVP, Sacramento River Division (NC-100)	Subject to Reimbursement:	Yes
Description of Activity:		Fund:	A5M

Funds will be utilized to continue the abatement of Life Safety Code deficiencies identified by the 1996 Mid-Pacific Region Life Safety Code Program Report.

Explanation Change from PFY:

Impact(s) if Unfunded:

The Sacramento River Division will continue to be in non-compliance with prevailing Life Safety Code Regulations.

Activity Authorization:

The CVP was authorized by a finding of feasibility by the Secretary of the Interior and approved by the President on December 1, 1935



FY 2011 - Budget Activity Plan Extract

***** ALL DOLLARS IN THOUSANDS *****

Object Code		FY11	FY12	FY13	FY14	FY15
2500	Other Services	150	150	150	150	150
Total Federal Estimate:		150	150	150	150	150
Total Estimate:		150	150	150	150	150