

# Approved, Obligated and Expended Funds

Fiscal Year 2007-2011



February 21, 2012

## **Mission Statements**

The mission of the Department of the Interior is to protect and provide access to our Nation's natural and cultural heritage and honor our trust responsibilities to Indian Tribes and our commitments to island communities.



The mission of the Bureau of Reclamation is to manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of the American public.

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# 1. Introduction

This report presents the approved, obligated and expended funds for implementation of the San Joaquin River Restoration Program (SJRRP) from fiscal year (FY) 2007 through FY 2011. The report focuses on Federal funding sources. Obligated and expended funds for the State of California are provided in summary format, but are not discussed further in this report. For the purposes of this report, approved, obligated and expended funds are defined as follows:

- Approved – Amount of funds (budget) approved.
- Obligated – Funds encumbered for specific activities.
- Expended – Payment for good or services, or a charge against available funds.

Table 1 provides a summary of approved, obligated and expended funds provided by funding source. Overall, from FY 2007 to FY 2011, \$148,412,535 has been approved from all funding sources to implement the SJRRP. Of this amount, \$48,332,927 has been approved from Federal funding sources and \$100,079,608 has been approved from State funding sources. From FY 2007 to FY 2011, \$85,107,935 has been obligated from all funding sources to implement the SJRRP. Of this amount, \$57,605,470 has been obligated from Federal funding sources and \$27,502,465 has been obligated from State funding sources. From FY 2007 to FY 2011, \$70,324,283 has been expended from all funding sources to implement the SJRRP. Of this amount, \$37,694,475 has been expended from Federal funding sources and \$32,629,808 has been expended from State funding sources.

The following chapters provide a more detailed breakdown by funding source along with a narrative description of obligated and expended funds.

Table 1. Summary of Approved, Obligated, and Expended Funds from FY 2007 to FY 2011 for the San Joaquin River Restoration Program

Category/Project	Approved FY 07	Obligated FY 07	Expended FY 07	Approved FY 08	Obligated FY 08	Expended FY 08	Approved FY 09	Obligated FY 09	Expended FY 09	Approved FY 10	Obligated FY 10	Expended FY 10	Approved FY 11	Obligated FY 11	Expended FY 11	Approved FY 07 - 11	Obligated FY 07 - 11	Expended FY 07 - 11
<b>SAN JOAQUIN RIVER RESTORATION FUND H38-1987</b>										<b>3,658,621</b>	<b>3,668,621</b>	<b>1,424,899</b>	<b>16,637,827</b>	<b>16,542,598</b>	<b>8,422,128</b>	<b>20,296,448</b>	<b>20,211,219</b>	<b>9,847,027</b>
<b>Administration &amp; Program Management</b>										896,148	896,148	612,906	2,869,465	2,869,465	2,612,035	3,765,613	3,765,613	3,224,941
<b>RESTORATION GOAL ACTIVITIES:</b>										<b>1,272,349</b>	<b>1,272,349</b>	<b>535,777</b>	<b>11,148,603</b>	<b>11,148,603</b>	<b>4,407,418</b>	<b>12,420,952</b>	<b>12,420,952</b>	<b>4,943,195</b>
<b>PHASE I PROJECTS</b>																		
Mendota Pool Bypass/Reach 2B Improvements										34,250	34,250	34,250	1,145,620	1,145,620	352,972	1,179,870	1,179,870	387,222
Reach 4B/ESB/MB Channel & Structural Improvements										17,264	17,264	10,410	1,842,563	1,842,563	143,040	1,859,828	1,859,828	153,450
Arroyo Canal Fish Screen & Sack Dam Fish Passage										7,604	7,604	7,604	69,846	69,846	69,846	77,449	77,449	77,449
Salt & Mud Slough Seasonal Barriers										-	-	-	338	338	338	338	338	338
<b>PHASE II PROJECTS</b>																		
Reach 4B/ESB High Flow Routing										-	-	-	637	637	637	637	637	637
Gravel Pit Filing and/or Isolation										-	-	-	34,961	34,961	8,339	34,961	34,961	8,339
<b>FISHERIES REINTRODUCTION ACTIVITIES</b>																		
<b>FLOW-RELATED ACTIVITIES</b>										1,213,231	1,213,231	483,514	7,448,802	7,448,802	3,825,363	8,662,033	8,662,033	4,308,876
<b>WATER MANAGEMENT GOAL ACTIVITIES:</b>										<b>657,669</b>	<b>657,669</b>	<b>258,720</b>	<b>1,246,030</b>	<b>1,150,801</b>	<b>1,156,098</b>	<b>1,903,699</b>	<b>1,808,470</b>	<b>1,414,818</b>
Paragraph 16 Activities										374,652	374,652	52,082	634,788	560,816	634,788	1,009,440	935,468	686,870
Friant-Kern & Madera Canal Capacity Restoration										217,070	217,070	192,419	566,535	560,991	476,603	783,606	778,061	669,022
Reverse Flow Facilities										65,947	65,947	14,219	44,706	28,994	44,706	110,654	94,942	58,926
<b>OTHER SETTLEMENT/LEGISLATION RELATED ACTIVITIES:</b>										<b>832,455</b>	<b>842,455</b>	<b>17,496</b>	<b>1,373,729</b>	<b>1,373,729</b>	<b>246,577</b>	<b>2,206,184</b>	<b>2,216,184</b>	<b>264,073</b>
Other Settlement/Legislation Required Activities										832,455	842,455	17,496	1,373,729	1,373,729	246,577	2,206,184	2,216,184	264,073
<b>CENTRAL VALLEY PROJECT RESTORATION FUND H37-1591</b>	<b>3,000,000</b>	<b>3,000,893</b>	<b>2,379,278</b>	<b>2,000,000</b>	<b>7,732,727</b>	<b>6,429,373</b>	<b>9,500,000</b>	<b>13,820,274</b>	<b>8,906,951</b>	<b>1,000,000</b>	<b>1,272,214</b>	<b>4,319,879</b>	<b>1,500,000</b>	<b>717,822</b>	<b>2,351,537</b>	<b>17,000,000</b>	<b>26,543,930</b>	<b>24,387,018</b>
<b>SAN JOAQUIN RIVER BASIN RES MGMT INITIATIVE</b>	<b>3,000,000</b>	<b>3,000,893</b>	<b>2,379,278</b>	<b>2,000,000</b>	<b>7,732,727</b>	<b>6,429,373</b>	<b>9,500,000</b>	<b>13,820,274</b>	<b>8,906,951</b>	<b>1,000,000</b>	<b>1,272,214</b>	<b>4,319,879</b>	<b>1,500,000</b>	<b>717,822</b>	<b>2,351,537</b>	<b>17,000,000</b>	<b>26,543,930</b>	<b>24,387,018</b>
San Joaquin River Basin Resource Management Initiative	3,000,000	3,000,893	2,379,278	2,000,000	646,534	1,173,274	9,500,000	581,700	532,539	1,000,000	560,006	763,853	1,500,000	532	(5,859)	17,000,000	4,789,665	4,843,084
Programmatic Studies	-	-	-	-	504,826	308,490	-	604,378	770,265	-	21,869	52,317	-	901,644	3,850	-	2,032,717	1,134,922
Engineering and Design	-	-	-	-	329,569	329,569	-	885,416	235,422	-	(145,908)	247,600	-	(40,000)	195,030	-	1,029,078	1,007,621
Environmental Compliance & PEIS/R	-	-	-	-	236,113	236,113	-	205,388	205,388	-	105,005	105,005	-	-	-	-	546,507	546,507
Fish Management	-	-	-	-	99,230	1,230	-	-	98,000	-	-	-	-	-	-	-	99,230	99,230
Water Management	-	-	-	-	987,171	914,015	-	2,958,291	1,250,451	-	730,818	2,250,111	-	(6,435)	255,267	-	4,669,845	4,669,844
Consultant Services	-	-	-	-	4,929,282	3,466,682	-	8,585,100	5,814,885	-	424	900,993	-	(137,919)	1,903,249	-	13,376,888	12,085,809
<b>WATER &amp; RELATED RESOURCES - CVP, SAN JOAQUIN DIV</b>										<b>5,020,479</b>	<b>5,020,479</b>	<b>2,410,484</b>			<b>209,404</b>	<b>5,020,479</b>	<b>5,020,479</b>	<b>2,619,888</b>
<b>A30-1205</b>																		
<b>Admin &amp; Program Mgmt</b>										811,723	811,723	446,916	-	-	-	811,723	811,723	446,916
<b>RESTORATION GOAL ACTIVITIES:</b>										<b>3,803,561</b>	<b>3,803,561</b>	<b>1,558,372</b>		<b>138,155</b>	<b>347,559</b>	<b>3,803,561</b>	<b>3,941,716</b>	<b>1,905,931</b>
SJRRP - Investigations/Study										2,369	2,369	2,369	-	-	-	2,369	2,369	2,369
Mendota Pool Bypass/Reach 2B Improvement										642,361	642,361	23,534	-	-	-	642,361	642,361	23,534
Reach 4B/ESB/MB Channel & Struct Imprv										1,360,476	1,360,476	24,979	-	-	-	1,360,476	1,360,476	24,979
<b>PHASE II PROJECTS</b>																		
Reach 4B/ESB High Flow Routing & Sand Slough										267,847	267,847	110,736	-	-	127,936	267,847	267,847	238,671
<b>FLOW-RELATED ACTIVITIES</b>										1,530,508	1,530,508	1,396,754		<b>138,155</b>	<b>219,623</b>	<b>1,530,508</b>	<b>1,668,663</b>	<b>1,616,377</b>
<b>WATER MANAGEMENT GOAL ACTIVITIES:</b>										<b>405,195</b>	<b>405,195</b>	<b>405,195</b>		<b>(138,155)</b>	<b>(138,155)</b>	<b>405,195</b>	<b>267,040</b>	<b>267,040</b>
Water Mgmt Study and EA/IS										76,970	76,970	76,970	-	-	-	76,970	76,970	76,970
Friant-Kern Canal Capacity Restoration										31,469	31,469	31,469	-	-	-	31,469	31,469	31,469
Reverse Flow Facilities										296,756	296,756	296,756	-	(138,155)	(138,155)	296,756	158,601	158,601
<b>WATER &amp; RELATED RESOURCES - CVP, FRIANT DIVISION</b>													<b>5,016,000</b>	<b>5,016,000</b>	<b>232,271</b>	<b>5,016,000</b>	<b>5,016,000</b>	<b>232,271</b>
<b>A30-1785</b>																		
<b>CVP, SAN JOAQUIN RIVER WRITE-IN</b>																		
Seepage Management														1,513,802	-		1,513,802	-
Agmt w/Henry Miller Reclamation District MOU														3,502,198	232,271		3,502,198	232,271
<b>SAN JOAQUIN RIVER RESTORATION TRUST FUND*</b>							<b>1,500,000</b>	<b>500,592</b>	<b>250,000</b>	<b>1,000,000</b>	<b>1,758,989</b>	<b>208,661</b>	<b>2,000,000</b>	<b>579,871</b>	<b>1,609,809</b>	<b>4,500,000</b>	<b>2,839,452</b>	<b>2,068,470</b>
<b>T40-1591</b>																		
<b>TRUST FUND</b>																		
IA NMFS								500,592	250,000		555,509	208,661		579,871	1,609,809		1,635,972	2,068,470
SJRRP MWH								-	-		1,203,480	-		-	-		1,203,480	-
<b>CALFED</b>							<b>1,000,000</b>	<b>998,064</b>	<b>877</b>			<b>153,160</b>		<b>(183,966)</b>	<b>454,234</b>	<b>1,000,000</b>	<b>813,842</b>	<b>608,271</b>
<b>N32-1852</b>																		
Arroyo Canal and Sack Dam								998,064	877					(183,966)	454,234		813,842	608,271
<b>FEDERAL TOTAL</b>	<b>3,000,000</b>	<b>3,000,893</b>	<b>2,379,278</b>	<b>2,000,000</b>	<b>7,732,727</b>	<b>6,429,373</b>	<b>10,500,000</b>	<b>14,818,337</b>	<b>8,907,828</b>	<b>9,679,100</b>	<b>9,961,058</b>	<b>8,308,423</b>	<b>23,153,827</b>	<b>22,092,455</b>	<b>11,669,573</b>	<b>48,332,927</b>	<b>57,605,470</b>	<b>37,694,475</b>
<b>DEPARTMENT OF WATER RESOURCES (DWR)</b>	<b>1,035,595</b>	<b>1,035,595</b>	<b>1,035,595</b>	<b>13,020,525</b>	<b>4,048,311</b>	<b>4,048,311</b>	<b>10,781,992</b>	<b>4,573,190</b>	<b>4,573,190</b>	<b>14,031,945</b>	<b>7,169,591</b>	<b>6,975,757</b>	<b>15,091,550</b>	<b>8,717,167</b>	<b>7,793,270</b>	<b>53,961,608</b>	<b>25,543,855</b>	<b>24,426,124</b>
Proposition 13	1,035,595	1,035,595	1,035,595	308,783	308,783	308,783	1,181,669	1,181,669	1,181,669	227,862	227,862	224,471	224,471	224,471	2,978,380	2,978,380	2,978,380	
Proposition 84				12,711,742	3,739,527	3,739,527	9,600,323	3,391,522	3,391,522	13,804,084	6,941,729	6,747,895	14,867,079	8,492,696	7,568,799	50,983,228	22,565,474	21,447,744
<b>DEPARTMENT OF FISH AND GAME (DFG)</b>	<b>750,000</b>	<b>-</b>	<b>-</b>	<b>3,866,000</b>	<b>-</b>	<b>1,105,555</b>	<b>11,980,000</b>	<b>-</b>	<b>2,419,987</b>	<b>9,638,000</b>	<b>999,313</b>	<b>3,157,400</b>	<b>19,884,000</b>	<b>959,297</b>	<b>1,520,743</b>	<b>46,118,000</b>	<b>1,958,610</b>	<b>8,203,684</b>
Proposition 13	750,000	-	-	2,126,000	-	360,901	2,160,000	-	960,075	2,193,000	-	521,499	2,194,000	-	22,832	9,423,000	-	1,865,307
Proposition 84				1,740,000	-	744,654	9,820,000	-	1,459,912	7,445,000	999,313	2,635,901						

## 2. San Joaquin River Restoration Fund

Section 10009(c) of the San Joaquin River Restoration Settlement Act (Settlement Act; Title X, Subtitle A, Part I of Public Law 111-11) created the San Joaquin River Restoration Fund. Funds deposited into the San Joaquin River Restoration Fund include the following:

- Friant Division surcharges – Continuation and the dedication of the “Friant Surcharge,” an environmental fee charged pursuant to the Central Valley Project Improvement Act (CVPIA) of \$7 per acre-foot of water delivered to Friant Contractors. The Friant Division surcharge was authorized in Reclamation Projects Authorization and Adjustments Act of 1992, Title XXXIV of P.L. 102-575, section 3406(c)(1), October 30, 1992. Section 10009(c)(1)(A) of the Settlement Act redirects the Friant Division Surcharge to the San Joaquin River Restoration Fund.
- Capital component – Section 10009(c)(1)(B) of the Settlement Act redirected the construction cost component of payments made by the Friant Division, Hidden Unit, and Buchanan Unit long-term contractors pursuant to their long-term water service contract or to repayment contracts executed pursuant to Section 10010 of the Settlement Act to the San Joaquin River Restoration Fund.
- Proceeds from the sale of water – Section 10009(c)(1)(C) of the Settlement Act directs the proceeds from the sale of water pursuant to the Settlement, or from the sale of property or interests in property as provided in Section 10005 of the Settlement Act into the San Joaquin River Restoration Fund. This includes proceeds from sale of the Recovered Water Account water.
- Any non-Federal funds – Section 10009(c)(1)(D) of the Settlement Act allows for depositing any non-Federal funds, including State cost-sharing funds, contributed to the United States for the implementation of the Settlement.

The San Joaquin River Restoration Fund was created with the passage of the Settlement Act in March 2009. However, no funds were expended from the San Joaquin River Restoration Fund until FY 2010.

Table 2 provides a summary of approved, obligated and expended funds from the San Joaquin River Restoration Fund. In FY 2010 and FY 2011, \$20,296,448 was approved from the Fund. In FY 2010 and FY 2011, \$20,211,219 was obligated from the Fund. In FY 2010 and FY 2011, \$9,847,027 was expended from the Fund. A description of obligated and expended funds by fiscal year is provided by category/project below.

Table 2. Summary of Approved, Obligated, and Expended Funds from FY 2010 and FY 2011 for the San Joaquin River Restoration Fund

SAN JOAQUIN RIVER RESTORATION FUND									
Category/ (W&RR Program/Project)	Approved FY 10	Obligated FY 10	Expended FY 10	Approved FY 11	Obligated FY 11	Expended FY 11	Approved 10/11	Obligated 10/11	Expended 10/11
<b>SAN JOAQUIN RIVER RESTORATION PROGRAM</b>	<b>3,658,621</b>	<b>3,668,621</b>	<b>1,424,899</b>	<b>16,637,827</b>	<b>16,542,598</b>	<b>8,422,128</b>	<b>20,296,448</b>	<b>20,211,219</b>	<b>9,847,027</b>
<b>Admin &amp; Program Mgmt</b>	<b>896,148</b>	<b>896,148</b>	<b>612,906</b>	<b>2,869,465</b>	<b>2,869,465</b>	<b>2,612,035</b>	<b>3,765,613</b>	<b>3,765,613</b>	<b>3,224,941</b>
SJRRP General Admin & Prgm Mgmt	560,628	560,628	550,461	868,125	868,125	845,006	1,428,753	1,428,753	1,395,468
USFWS	-	-	-	1,369,234	1,369,234	1,369,234	1,369,234	1,369,234	1,369,234
NMFS	-	-	-	-	-	-	-	-	-
DWR	-	-	-	-	-	-	-	-	-
Third Party MOU Financial Assistance	-	-	-	183,873	183,873	14,798	183,873	183,873	14,798
SJRRP Program Wide Public Outreach-Labor	59,237	59,237	59,237	163,357	163,357	169,275	222,595	222,595	228,512
SJRRP Program Wide Public Outreach-Contract	276,282	276,282	3,207	284,876	284,876	213,722	561,158	561,158	216,930
<b>RESTORATION GOAL ACTIVITIES:</b>	<b>1,272,349</b>	<b>1,272,349</b>	<b>535,777</b>	<b>11,148,603</b>	<b>11,148,603</b>	<b>4,407,418</b>	<b>12,420,952</b>	<b>12,420,952</b>	<b>4,943,195</b>
<b>PHASE I PROJECTS</b>									
<b>Mendota Pool Bypass/Reach 2B Improvements</b>	<b>34,250</b>	<b>34,250</b>	<b>34,250</b>	<b>1,145,620</b>	<b>1,145,620</b>	<b>352,972</b>	<b>1,179,870</b>	<b>1,179,870</b>	<b>387,222</b>
MPB Project Mgmt	10,382	10,382	10,382	6,801	6,801	6,801	17,183	17,183	17,183
MPB Environ Compliance Efforts - Labor	5,847	5,847	5,847	335,572	335,572	269,781	341,420	341,420	275,629
MPB Environ Compliance Efforts - Contract	-	-	-	717,812	717,812	-	717,812	717,812	-
MPB Ping & Prelim Design - Labor	15,899	15,899	15,899	85,435	85,435	76,390	101,334	101,334	92,289
MPB Ping & Prelim Design - Contract	2,038	2,038	2,038	-	-	-	2,038	2,038	2,038
MPB Public Outreach - Labor	83	83	83	-	-	-	83	83	83
MPB Other	-	-	-	-	-	-	-	-	-
<b>Reach 4B/ESB/MB Channel &amp; Struct Improvement</b>	<b>17,264</b>	<b>17,264</b>	<b>10,410</b>	<b>1,842,563</b>	<b>1,842,563</b>	<b>143,040</b>	<b>1,859,828</b>	<b>1,859,828</b>	<b>153,450</b>
R4B Project Mgmt	4,650	4,650	4,650	10,882	10,882	10,882	15,532	15,532	15,532
R4B Environ Compliance Efforts - Labor	6,854	6,854	-	13,550	13,550	-	20,404	20,404	13,550
R4B Environ Compliance Efforts - Contract	-	-	-	1,642,453	1,642,453	4,092	1,642,453	1,642,453	4,092
R4B Ping & Prelim Design - Labor	5,760	5,760	5,760	134,729	134,729	113,566	140,489	140,489	119,326
R4B Ping & Prelim Design - Contract	-	-	-	-	-	-	-	-	-
R4B Public Outreach - Labor	-	-	-	950	950	950	950	950	950
R4B Other	-	-	-	40,000	40,000	-	40,000	40,000	-
<b>Arroyo Canal Fish Screen &amp; Sack Dam Fish Psg</b>	<b>7,604</b>	<b>7,604</b>	<b>7,604</b>	<b>69,846</b>	<b>69,846</b>	<b>69,846</b>	<b>77,449</b>	<b>77,449</b>	<b>77,449</b>
ACF Project Mgmt	1,328	1,328	1,328	47,732	47,732	47,732	49,060	49,060	49,060
ACF Environ Compliance Efforts - Labor	-	-	-	19,742	19,742	19,742	19,742	19,742	19,742
ACF Environ Compliance Efforts - Contract	-	-	-	714	714	714	714	714	714
ACF Ping & Prelim Design - Labor	6,276	6,276	6,276	1,657	1,657	1,657	7,933	7,933	7,933
ACF Ping & Prelim Design - Contract	-	-	-	-	-	-	-	-	-
ACF Public Outreach - Labor	-	-	-	-	-	-	-	-	-
ACF Other	-	-	-	-	-	-	-	-	-
<b>Salt &amp; Mud Slough Seasonal Barriers</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>338</b>	<b>338</b>	<b>338</b>	<b>338</b>	<b>338</b>	<b>338</b>
SMS Project Mgmt	-	-	-	338	338	338	338	338	338
SMS Environ Compliance Efforts - Labor	-	-	-	-	-	-	-	-	-
SMS Environ Compliance Efforts - Contract	-	-	-	-	-	-	-	-	-
SMS Ping & Prelim Design - Labor	-	-	-	-	-	-	-	-	-
SMS Ping & Prelim Design - Contract	-	-	-	-	-	-	-	-	-
SMS Public Outreach - Labor	-	-	-	-	-	-	-	-	-
SMS Other	-	-	-	-	-	-	-	-	-
<b>PHASE II PROJECTS</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>35,598</b>	<b>35,598</b>	<b>8,975</b>	<b>637</b>	<b>637</b>	<b>637</b>
<b>Reach 4B/ESB High Flow Routing</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>637</b>	<b>637</b>	<b>637</b>	<b>637</b>	<b>637</b>	<b>637</b>
Reach 4B/ESB High Flow Routing	-	-	-	637	637	637	637	637	637
Chowchilla Bifurcation Struc Fish Psg	-	-	-	-	-	-	-	-	-
<b>Gravel Pit Filling and/or Isolation</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>34,961</b>	<b>34,961</b>	<b>8,339</b>	<b>-</b>	<b>-</b>	<b>-</b>
Gravel Pit Filling and/or Isolation-Labor	-	-	-	-	-	-	-	-	-
Gravel Pit Filling Plan & Prelim Design	-	-	-	34,961	34,961	8,339	-	-	-
<b>Chowchilla Bifurcation Structure Fish Passage</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Chowchilla Bifurcation Structure Fish Passage	-	-	-	-	-	-	-	-	-
<b>Fisheries Reintroduction Activities</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>605,836</b>	<b>605,836</b>	<b>6,885</b>	<b>605,836</b>	<b>605,836</b>	<b>6,885</b>
EDT Modeling	-	-	-	3,820	3,820	3,820	3,820	3,820	3,820
Hatchery Project Management - Labor	-	-	-	600,058	600,058	1,107	600,058	600,058	1,107
Hatchery CDFG Funding	-	-	-	188	188	188	188	188	188
Hatchery NEPA and Water Supply	-	-	-	1,770	1,770	1,770	1,770	1,770	1,770
<b>Flow-Related Activities</b>	<b>1,213,231</b>	<b>1,213,231</b>	<b>483,514</b>	<b>7,448,802</b>	<b>7,448,802</b>	<b>3,825,363</b>	<b>8,092,372</b>	<b>8,662,033</b>	<b>4,308,876</b>
LSJLD Financial Assistance <sup>1</sup>	-	-	-	-	-	-	-	-	-
Reach 4B High Flow Routing Study	-	-	-	-	-	-	-	-	-
Imple of Bio Conservation Strategy-Labor	2,046	2,046	2,046	(192)	(192)	(192)	1,854	1,854	1,854
Imple of Bio Conservation Strategy-Contract	-	-	-	-	-	-	-	-	-
Flow-Related Monitoring & Reporting	130,204	130,204	130,204	785,733	785,733	461,719	346,276	915,937	591,923
Biological Monitoring	170,568	170,568	45,476	1,194,474	1,194,474	576,796	1,365,042	1,365,042	622,272
Physical Monitoring	908,584	908,584	303,958	5,452,660	5,452,660	2,767,657	6,361,244	6,361,244	3,071,615
Reporting	1,828	1,828	1,828	16,128	16,128	19,384	17,956	17,956	21,213
<b>PARAGRAPH 12 ACTIVITIES:</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>WATER MANAGEMENT GOAL ACTIVITIES:</b>	<b>657,669</b>	<b>657,669</b>	<b>258,720</b>	<b>1,246,030</b>	<b>1,150,801</b>	<b>1,156,098</b>	<b>1,903,699</b>	<b>1,808,470</b>	<b>1,414,818</b>
<b>Paragraph 16 Activities</b>	<b>374,652</b>	<b>374,652</b>	<b>52,082</b>	<b>634,788</b>	<b>560,816</b>	<b>634,788</b>	<b>1,009,823</b>	<b>935,468</b>	<b>686,870</b>
P16 Project Mgmt	19,535	19,535	19,535	129,613	129,613	129,613	149,147	149,147	149,147
P16 Environ Compliance Efforts - Labor	31,529	31,529	31,529	114,694	114,694	114,694	146,223	146,223	146,223
P16 Environ Compliance Efforts - Contract	-	-	-	-	-	-	-	-	-
P16 Ping & Prelim Design - Labor	914	914	914	78,207	78,207	78,207	79,121	79,121	79,121
P16 Ping & Prelim Design - Contract	322,674	322,674	104	304,579	230,607	304,579	627,252	553,281	304,682
P16 Public Outreach - Labor	-	-	-	3,535	3,535	3,535	3,535	3,535	3,535
P16 Other	-	-	-	4,161	4,161	4,161	4,545	4,161	4,161



Table 2. Summary of Approved, Obligated, and Expended Funds from FY 2010 and FY 2011 for the San Joaquin River Restoration Fund

SAN JOAQUIN RIVER RESTORATION FUND

Category/ (W&RR Program/Project)	Approved FY 10	Obligated FY 10	Expended FY 10	Approved FY 11	Obligated FY 11	Expended FY 11	Approved 10/11	Obligated 10/11	Expended 10/11
<b>Friant-Kern &amp; Madera Canal Capacity Restoration</b>	<b>217,070</b>	<b>217,070</b>	<b>192,419</b>	<b>566,535</b>	<b>560,991</b>	<b>476,603</b>	<b>783,606</b>	<b>778,061</b>	<b>669,022</b>
CCR Project Mgmt	102	102	102	5,156	5,156	5,156	5,257	5,257	5,257
CCR Environ Compliance Efforts - Labor	3,727	3,727	3,727	26,580	26,580	26,580	30,307	30,307	30,307
CCR Environ Compliance Efforts - Contract	-	-	-	-	-	-	-	-	-
CCR PIng & Prelim Design - Labor	213,242	213,242	188,591	165,633	160,089	165,633	378,875	373,331	354,224
CCR PIng & Prelim Design - Contract	-	-	-	-	-	-	-	-	-
CCR Public Outreach - Labor	-	-	-	-	-	-	-	-	-
CCR Other	-	-	-	369,167	369,167	279,234	369,167	369,167	279,234
<b>Reverse Flow Facilities</b>	<b>65,947</b>	<b>65,947</b>	<b>14,219</b>	<b>44,706</b>	<b>28,994</b>	<b>44,706</b>	<b>110,654</b>	<b>94,942</b>	<b>124,873</b>
RFF Project Mgmt	-	-	-	7,445	7,445	7,445	7,445	7,445	7,445
RFF Environ Compliance Efforts - Labor	2,026	2,026	2,026	495	495	495	2,521	2,521	4,547
RFF Environ Compliance Efforts - Contract	-	-	-	-	-	-	-	-	-
RFF PIng & Prelim Design - Labor	63,922	63,922	12,194	36,766	21,053	36,766	100,687	84,975	112,881
RFF PIng & Prelim Design - Contract	-	-	-	-	-	-	-	-	-
RFF Public Outreach - Labor	-	-	-	-	-	-	-	-	-
RFF Other	-	-	-	-	-	-	-	-	-
<b>LAND ACQUISITION ACTIVITIES:</b>	-	-	-	-	-	-	-	-	-
<b>Land Acquisition Activities</b>	-	-	-	-	-	-	-	-	-
<b>OTHER SETTLEMENT/LEGISLATION ACTIVITIES:</b>	<b>832,455</b>	<b>842,455</b>	<b>17,496</b>	<b>1,373,729</b>	<b>1,373,729</b>	<b>246,577</b>	<b>2,216,184</b>	<b>2,216,184</b>	<b>264,073</b>
PEIS Project Mgmt - Labor	9,577	9,577	9,577	21,399	21,399	21,399	30,976	30,976	30,976
PEIS Environ Compliance Efforts - Labor	6,495	6,495	6,495	38,656	38,656	38,656	45,151	45,151	45,151
PEIS Environ Compliance Efforts - Contract	816,383	826,383	1,424	1,301,739	1,301,739	174,588	2,128,122	2,128,122	176,011
PEIS Public Outreach - Labor	-	-	-	733	733	733	733	733	733
PEIS Other	-	-	-	11,202	11,202	11,202	11,202	11,202	11,202
<b>Viability Study Project Management Labor</b>	-	-	-	-	-	-	-	-	-
Viability Study Env Compl/Permitting Efforts	-	-	-	-	-	-	-	-	-
Viability Study Planning	-	-	-	-	-	-	-	-	-
Viability Study Eng & Design	-	-	-	-	-	-	-	-	-
Viability Study Modeling	-	-	-	-	-	-	-	-	-
Public Outreach	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
<b>GRAND TOTAL</b>	<b>3,658,621</b>	<b>3,668,621</b>	<b>1,424,899</b>	<b>16,637,827</b>	<b>16,542,598</b>	<b>8,422,128</b>	<b>20,296,448</b>	<b>20,211,219</b>	<b>9,847,027</b>

1. Financial Assistance water provided to the LSJLD in FY 2011 under the Flow-Related Activities, Physical Monitoring cost authority.

## **2.1 Administration and Program Management**

Administration and Program Management covers a wide variety of program management functions. Funds were obligated and expended on the following activities in FY 2010 and FY 2011:

- Labor and expenses dedicated to program-wide activities, including labor for the Program Manager, Division Secretary, Budget Analyst, and for other divisions and organizations within Reclamation for provide Program oversight or Program management efforts.
- Labor and expenses related to on-going litigation.
- Labor and expenses for a portion of the 9(d) contract renewal process (this effort was also completed using Water and Related Resources, CVP, Friant Division funds).
- Travel expenses for activities for the Office of the Solicitor.
- Staff management and program-wide staff expenses, such as training, computers, copiers, office space, awards, audio/visual equipment, and similar.
- Funding for U.S. Fish and Wildlife Service to provide technical fisheries management and early Endangered Species Act (ESA) consultation services and labor for Reclamation to prepare and award the agreement.
- Financial assistance agreement with the San Joaquin River Exchange Contractors Water Authority to provide landowner coordination and outreach activities and labor for Reclamation to prepare and award options on the agreement.
- Labor and expenses for outreach activities that address Program-wide activities, including preparation of the Annual Report, preparation of and mailing of Quarterly Updates, and updates to the Program website.
- Consultant services to support program wide outreach, including Kerns & West and CirclePoint to provide a wide variety of Program outreach and meeting facilitation efforts.

## **2.2 Mendota Pool Bypass and Reach 2B Improvements Project**

Funds were obligated and expended on the following activities in FY 2010 and FY 2011:

- Labor and expenses for project management, environmental compliance, and engineering efforts, including efforts by Reclamation's Technical Service Center (TSC) as part of the design and for the Value Planning Study.
- Sediment sampling in the Mendota Pool including laboratory analysis for both water and sediment samples.
- Funds were also obligated to a contract with URS Corporation for environmental compliance, permitting, and public outreach and coordination services related to the project. This effort is also using funds from the Central Valley Project Restoration Fund and Water and Related Resources, CVP, Friant Division and thus, funds were obligated, but not expended in FY 2011.

### **2.3 Reach 4B, Eastside Bypass, and Mariposa Bypass Channel and Structural Improvements Project**

Funds were obligated and expended on the following activities in FY 2010 and FY 2011:

- Labor and expenses for project management, environmental compliance, public outreach, and engineering efforts, including design services provided by the TSC.
- Funds were also obligated to a contract with CDM for environmental compliance, permitting, and public outreach and coordination services related to the project. These efforts are currently using funds from the Central Valley Project Restoration Fund and Water and Related Resources, CVP, Friant Division and thus, funds were obligated, but very little was expended in FY 2011.
- Funds obligated in FY 2011 for “Other” were obligated to the TSC for design services.

### **2.4 Arroyo Canal Fish Screen and Sack Dam Fish Passage Project**

Funds obligated and expended in FY 2010 and FY 2011 under the San Joaquin River Restoration Fund were used for labor and expenses for project management, environmental compliance, engineering efforts, including services provided by the TSC, and for labor to modify Reclamation’s contract with WRIME (see discussion under CALFED below).

### **2.5 Salt and Mud Slough Seasonal Barriers Project**

Funds obligated and expended in FY 2011 were used for labor and expenses to reinitiate development of a project management plan for this project.

### **2.6 Reach 4B, Eastside Bypass High Flow Routing Project**

Funds obligated and expended in FY 2010 and FY 2011 were used for initial planning of a Reach 4B high-flow routing study prior to the decision to consolidate this effort with the Reach 4B, Eastside Bypass, and Mariposa Bypass Channel and Structural Improvements Project in response to stakeholder feedback.

### **2.7 Gravel Pit Filling and/or Isolating Project**

Funds obligated and expended in FY 2011 were used to begin development of a two-dimensional water temperature model in Reach 1A as one tool available for future prioritization of gravel pit projects based on relative potential for reducing juvenile salmon mortality.

### **2.8 Fisheries Reintroduction Activities**

Funds obligated and expended in FY 2011 were used to award a contract to ICF, Jones and Stokes for preparation of an Ecosystem Diagnostic and Treatment Model for the San Joaquin River. Funds were also used for labor to award the contract. In FY 2011, Reclamation also began initial planning activities related to providing funding for the operations and maintenance activities at the California Department of Fish and Game’s (DFG) planned Conservation Hatchery, including providing an additional water supply for the hatchery and completing the necessary permitting and environmental compliance activities.

## 2.9 Flow-Related Activities

Funds were obligated and expended on the following activities in FY 2010 and FY 2011:

- Labor and expenses for a variety of flow related monitoring activities, including the following: seepage monitoring including groundwater well installation, seepage monitoring field efforts, data management, preparation of the Seepage Management Plan and efforts on the Seepage Project Handbook, and similar; preparing flow allocations and coordinating flow activities and releases with the Restoration Administrator; participating in the Technical Advisory Committee; making flow changes at Friant Dam; water and sediment quality monitoring required pursuant to the State Water Resources Control Board Order for Interim Flows; preparation of the Annual Technical Report and Monitoring and Analysis Plan; coordination efforts for the Restoration Goal Technical Feedback meetings; and related data management and quality control activities. This effort includes efforts by the TSC for hydraulic and sediment monitoring, deployment and maintenance of temperatures strings in Millerton Reservoir, and seepage management and monitoring activities.
- Labor and expenses for a variety of biological monitoring activities including efforts by the TSC for delta button celery monitoring and reporting, dissolved oxygen monitoring, and effectiveness evaluation at the Hills Ferry Barrier.
- Labor to begin the initial planning for implementing the Program's biological conservation strategy included in the Draft Program Environmental Impact Statement/Report.
- An agreement with the Lower San Joaquin Levee District for increased maintenance activities that are a result of the Interim Flows.
- Acquisition of an additional water quality monitoring sonde to allow for remote monitoring of water quality parameters in the Eastside Bypass and of level loggers and pressure transducers for continuous surface and groundwater monitoring.
- Biological monitoring and study activities in FY 2011 completed by the U.S. Fish and Wildlife Service as outlined in the Monitoring and Analysis Plan.
- Activities by the U.S. Geological Survey in FY 2010 and FY 2011 including sediment monitoring, quality control of flow monitoring data, participation and peer review of the Program's seepage management activities, and quality control of specific gage data in FY 2011 (separate agreement).
- Laboratory analysis of water and sediment quality monitoring samples.
- Agreement with Henry Miller Reclamation District #2131 for the installation of four gates and associated SCADA system at Sack Dam.
- Awarded a multi-year contract in FY 2011 to CDM for a variety of seepage management activities, including completing a revised version of the Seepage Management Plan, conducting site evaluations, installing groundwater monitoring wells, and similar. Funds were obligated for this effort in FY 2011 from the San Joaquin River Restoration Fund and from Water and Related Resources, CVP, Friant Division.
- Agreement with the San Joaquin River Parkway and Conservation Trust for the monitoring and management of invasive species consistent with the requirements in the Interim Flows environmental documents. Funds were also obligated for this effort in FY 2011 from the Central Valley Project Restoration Fund.
- Aerial mapping services.

## **2.10 Paragraph 16 Activities**

Funds were obligated and expended on the following activities in FY 2010 and FY 2011:

- Labor and expenses for project management, environmental compliance, public outreach, and engineering efforts, including design services provided by the TSC.
- Funds were also obligated to the contract with Montgomery Watson Harza for water management support and coordination services related to the project.

## **2.11 Friant-Kern Canal Capacity Restoration**

Funds were obligated and expended on the following activities in FY 2010 and FY 2011:

- Labor and expenses for project management, environmental compliance, aerial surveys, and engineering efforts as part of the feasibility study efforts for the Friant-Kern Canal and Madera Canal Capacity Restoration Projects.
- Funds were obligated to the TSC for completion of: HEC-RAS modeling; engineering designs; and, editing, formatting, and assisting in writing of the Feasibility Report and Feasibility Design Report.

## **2.12 Reverse Flow Facilities**

Funds were obligated and expended on the following activities in FY 2010 and FY 2011:

- Labor and expenses for project management, environmental compliance, and engineering efforts as part of the feasibility study efforts for the Friant-Kern Canal Reverse Flow Pump-Back Facilities.
- Funds were obligated to the TSC for: alternatives development; engineering designs; and, editing, formatting, and assisting in writing of the Feasibility Report and Feasibility Design Report.

## **2.13 Other Settlement/Legislation Activities**

Funds were obligated and expended on the following activities in FY 2010 and FY 2011:

- Labor and expenses for project management, environmental compliance, and public outreach activities related to the Program Environmental Impact Statement/Report.
- Funds were obligated and expended on a contract with Montgomery Watson Harza for completion of remaining efforts for the Program Environmental Impact Statement/Report and on a separate contract with Montgomery Watson Harza to provide technical assistance to Reclamation as Reclamation completes the State Water Resources Control Board's process to modify Reclamation's water rights as Friant Dam to implement the SJRRP (funds were obligated for this effort in FY 2010 from the San Joaquin River Restoration Fund and from Water and Related Resources, CVP, San Joaquin Division).
- Funds in FY 2011 included funding to the State Water Resources Control Board to complete the Water Year 2012 Interim Flows Order and for upcoming change in Reclamation's water rights as Friant Dam to implement the SJRRP.

### 3. Central Valley Project Restoration Fund

The Central Valley Project Improvement Act, Public Law 102-575, authorized the creation of the Central Valley Project (CVP) Restoration Fund. Funds deposited into the CVP Restoration Fund are to be used to implement certain provisions of the Central Valley Project Improvement Act. Section 3406(c)(1) of the Central Valley Project Improvement Act states that the Secretary of the Interior shall “develop a comprehensive plan, which is reasonable, prudent, and feasible, to address fish, wildlife, and habitat concerns on the San Joaquin River, including but not limited to the streamflow, channel, riparian habitat, and water quality improvements that would be needed to reestablish where necessary and to sustain naturally reproducing anadromous fisheries from Friant Dam to its confluence with the San Francisco Bay/Sacramento-San Joaquin Delta Estuary.” Early efforts to implement the SJRRP relied substantially on funds from the CVP Restoration Fund.

Section 10007 of the Settlement Act declared that the Settlement satisfies and discharges all of the obligations of the Secretary of the Interior contained in Section 3406(c)(1) of the Central Valley Project Improvement Act. Section 10009(b)(2) authorized the use of monies from the CVP Restoration Fund for purposes of implementing the Settlement in an amount not to exceed \$2,000,000 (October 2006 price levels) in any fiscal year.

Table 3 provides a summary of approved, obligated and expended funds from the CVP Restoration Fund. From that account, from FY 2007 to FY 2011, \$17,000,000 was approved; \$26,543,930 was obligated; and \$24,387,018 was expended. A description of obligated and expended funds by fiscal year is provided by category/project below.

Table 3. Summary of Approved, Obligated, and Expended Funds from FY 2007 to FY 2011 for the Central Valley Project Restoration Fund

CENTRAL VALLEY PROJECT RESTORATION FUND

Category/Program	Approved FY 07 <sup>1</sup>	Obligated FY 07	Expended FY 07	Approved FY 08	Obligated FY 08	Expended FY 08	Approved FY 09	Obligated FY 09	Expended FY 09
<b>SAN JOAQUIN RIVER BASIN RES MGMT INIT</b>	<b>3,000,000</b>	<b>3,000,893</b>	<b>2,379,278</b>	<b>2,000,000</b>	<b>7,732,727</b>	<b>6,429,373</b>	<b>9,500,000</b>	<b>13,820,274</b>	<b>8,906,951</b>
SAN JOAQUIN RVR BSN RES MGMT I	3,000,000	3,000,893	2,379,278	2,000,000	646,534	1,173,274	9,500,000	581,700	532,539
PROGRAMMATIC STUDIES	-	-	-	-	504,826	308,490	-	604,378	770,265
ENGINEERING AND DESIGN	-	-	-	-	329,569	329,569	-	885,416	235,422
ENVIRONMENTAL COMPLIANCE & PEIS/R	-	-	-	-	236,113	236,113	-	205,388	205,388
FISH MANAGEMENT	-	-	-	-	99,230	1,230	-	-	98,000
WATER MANAGEMENT	-	-	-	-	987,171	914,015	-	2,958,291	1,250,451
CONSULTANT SERVICES	-	-	-	-	4,929,282	3,466,682	-	8,585,100	5,814,885
<b>GRAND TOTAL</b>	<b>3,000,000</b>	<b>3,000,893</b>	<b>2,379,278</b>	<b>2,000,000</b>	<b>7,732,727</b>	<b>6,429,373</b>	<b>9,500,000</b>	<b>13,820,274</b>	<b>8,906,951</b>

<sup>1</sup> FY 2007 Spending Plan

CENTRAL VALLEY PROJECT RESTORATION FUND

Category/Program	Approved FY 10	Obligated FY 10	Expended FY 10	Approved FY 11	Obligated FY 11	Expended FY 11	Approved FY 07-11	Obligated FY 07-11	Expended FY 07-11
<b>SAN JOAQUIN RIVER BASIN RES MGMT INIT</b>	<b>1,000,000</b>	<b>1,272,214</b>	<b>4,319,879</b>	<b>1,500,000</b>	<b>717,822</b>	<b>2,351,537</b>	<b>17,000,000</b>	<b>26,543,930</b>	<b>24,387,018</b>
SAN JOAQUIN RVR BSN RES MGMT I	1,000,000	560,006	763,853	1,500,000	532	(5,859)	17,000,000	4,789,665	4,843,084
PROGRAMMATIC STUDIES	-	21,869	52,317	-	901,644	3,850	-	2,032,717	1,134,922
ENGINEERING AND DESIGN	-	(145,908)	247,600	-	(40,000)	195,030	-	1,029,078	1,007,621
ENVIRONMENTAL COMPLIANCE & PEIS/R	-	105,005	105,005	-	-	-	-	546,507	546,507
FISH MANAGEMENT	-	-	-	-	-	-	-	99,230	99,230
WATER MANAGEMENT	-	730,818	2,250,111	-	(6,435)	255,267	-	4,669,845	4,669,844
CONSULTANT SERVICES	-	424	900,993	-	(137,919)	1,903,249	-	13,376,888	12,085,809
<b>GRAND TOTAL</b>	<b>1,000,000</b>	<b>1,272,214</b>	<b>4,319,879</b>	<b>1,500,000</b>	<b>717,822</b>	<b>2,351,537</b>	<b>17,000,000</b>	<b>26,543,930</b>	<b>24,387,018</b>

<sup>1</sup> FY 2007 Spending Plan

### **3.1 San Joaquin River Basin Restoration Management Initiative**

Funds were obligated and expended on the following activities from FY 2007 to FY 2011:

#### **FY 2007**

- Labor and expenses dedicated to program-wide activities, including labor for the Program Manager, and for other divisions and organizations within Reclamation to provide Program oversight or Program management efforts; for staff management and program-wide staff expenses, such as training, computers, copiers, office space, awards, audio/visual equipment, and similar; and, for outreach activities that address Program-wide activities, including preparation of the Annual Report.
- Funds were obligated and expended on consultant services to support program-wide outreach, including Kerns & West and CirclePoint to provide a wide variety of Program outreach and meeting facilitation efforts, including assistance in developing the Program structure and preparing the Program Management Plan.
- Funds were obligated and expended on a consultant contract with Montgomery Watson Harza to provide a wide variety of support services related to the development of the Program Environmental Impact Statement/Report, the Fisheries Management Plan, and certain efforts related to meeting the SJRRP's Water Management Goal. (Note: this effort was funded over time from various funds.)
- Agreements with U.S. Fish and Wildlife Service and National Marine Fisheries Service for FY 2007 activities to provide a variety of technical fisheries management and early ESA consultation services.

#### **FY 2008**

- Labor and expenses dedicated to program-wide activities, including labor for the Program Manager, and for other divisions and organizations within Reclamation to provide Program oversight or Program management efforts; for staff management and program-wide staff expenses, such as training, computers, copiers, office space, awards, audio/visual equipment, and similar; and, for outreach activities that address Program-wide activities, including preparation of the Annual Report and Quarterly Updates. These efforts were moved to the Programmatic Studies effort below during the year.
- Agreement with the U.S. Fish and Wildlife Service for FY 2008 activities to provide a variety of technical fisheries management and early ESA consultation services.
- Cooperative agreement with the Water Education Foundation for a variety of public outreach efforts.

#### **FY 2009**

- Agreement with U.S. Fish and Wildlife Service for FY 2009 activities to provide a variety of technical fisheries management and early ESA consultation services.
- Labor and expenses for Reclamation's program management activities were moved to Programmatic Studies (described below) starting in FY 2009.



## **FY 2010**

- Agreement with U.S. Fish and Wildlife Service for FY 2010 activities to provide a variety of technical fisheries management and early ESA consultation services.

## **3.2 Programmatic Studies**

Funds were obligated and expended on the following activities from FY 2008 to FY 2011:

### **FY 2008**

- Labor and expenses dedicated to program-wide activities, including labor for the Program Manager, and for other divisions and organizations within Reclamation to provide Program oversight or Program management efforts; for staff management and program-wide staff expenses, such as training, computers, copiers, office space, awards, audio/visual equipment, and similar; and, for outreach activities that address Program-wide activities, including preparation of the Annual Report and Quarterly Updates. These efforts were moved from the San Joaquin River Basin Restoration Management Initiative during the year.

### **FY 2009**

- Labor and expenses dedicated to program-wide activities, including labor for the Program Manager, Division Secretary, and for other divisions and organizations within Reclamation to provide Program oversight or Program management efforts; staff management and program-wide staff expenses, such as training, computers, copiers, office space, awards, audio/visual equipment, and similar; cost to reconfigure and move into new office space; and, labor and expenses for outreach activities that address Program-wide activities, including preparation of the Annual Report, Quarterly Updates, and updates to the Program website.

### **FY 2010**

- Labor and expenses dedicated to program-wide activities. This effort was moved to the Water and Related Resources, CVP, San Joaquin Division early in the fiscal year (see discussion below).

### **FY 2011**

- Agreement with the San Joaquin River Parkway and Conservation Trust for the monitoring and management of invasive species consistent with the requirements in the Interim Flows environmental documents. Funds were also obligated for this effort in FY 2011 from the San Joaquin River Restoration Fund.
- Agreement with Montgomery Watson Harza for preparation of the Annual Technical Report, Monitoring and Assessment Plan, and coordination of the Restoration Goal Technical Feedback Meeting.

### **3.3 Engineering and Design**

Funds were obligated and expended on the following activities from FY 2008 to FY 2010:

#### **FY 2008**

- Labor and expenses for initial planning on the SJRRP's seepage management activities, including efforts by the Mid-Pacific Region's construction branch and the TSC to develop an initial seepage monitoring well network and geotechnical drilling plan.
- Labor and expenses dedicated to program-wide engineering and design activities, including efforts by the TSC.

#### **FY 2009**

- Labor and expenses to begin implementation of the SJRRP's seepage management activities, including labor and expenses for installing seepage monitoring wells and continuing efforts to expand the seepage monitoring well network.
- Labor and expenses dedicated to program-wide engineering and design activities, including efforts by the TSC.

#### **FY 2010**

- Funds previously obligated to other offices and divisions for implementing SJRRP seepage management activities, including labor and expenses for installing seepage monitoring wells and continuing efforts to expand the seepage monitoring well network, were not needed and returned.

### **3.4 Environmental Compliance and PEIS/R**

Funds were obligated and expended on the following activities from FY 2008 to FY 2010:

#### **FY 2008**

- Labor and expenses dedicated to program-wide environmental compliance activities including the Program Environmental Impact Statement/Report.

#### **FY 2009**

- Labor and expenses dedicated to program-wide environmental compliance activities including the Program Environmental Impact Statement/Report and the Water Year 2010 Interim Flows Project.

#### **FY 2010**

- Labor and expenses dedicated to program-wide environmental compliance activities including the Program Environmental Impact Statement/Report and the Water Year 2010 Interim Flows Project. This effort was moved to the San Joaquin River Restoration Fund part way through the year.

### **3.5 Fish Management**

Funds were obligated to an agreement with the National Marine Fisheries Service in FY 2008 activities to provide a variety of technical fisheries management and early ESA consultation services. These funds were expended in FY 2008 and FY 2009. Funds were also expended on labor to prepare and execute this agreement.

### **3.6 Water Management**

Funds were obligated and expended on the following activities in FY 2008, 2009 and 2010:

#### **FY 2008**

- Labor and expenses for project management, environmental compliance, public outreach, and engineering efforts.
- Funds were obligated to the TSC for completion of engineering designs supporting the Water Management Goal.

#### **FY 2009**

- Labor and expenses for project management, environmental compliance, public outreach, engineering efforts, and non-capital controlled and non-controlled equipment.
- Funds were obligated to the TSC for completion of engineering designs supporting the Water Management Goal.
- Funds were obligated to Montgomery Watson Harza for modeling support, technical assistance, conference support, development of the Restoration Flow Guidelines and the Recapture and Recirculation Plan, and other services necessary to implement the Water Management Goal.

#### **FY 2010**

- Labor and expenses for project management, environmental compliance, public outreach, engineering efforts, and non-capital controlled and non-controlled equipment.
- Funds were obligated to the TSC for completion of engineering designs supporting the Water Management Goal.

### **3.7 Consultant Services**

Funds were obligated and expended on the following activities from FY 2008, 2009 and 2011:

#### **FY 2008**

- Additional funds were obligated and expended on consultant services to support program wide outreach, including Kerns & West and CirclePoint to provide a wide variety of Program outreach and meeting facilitation efforts including Fisheries Management and Water Management Technical Feedback meetings.

- Additional funds were obligated and expended on the consultant contract with Montgomery Watson Harza to provide a wide variety of support services related to the development of the Program Environmental Impact Statement/Report, the Fisheries Management Plan, and certain efforts related to meeting the SJRRP's Water Management Goal.

#### **FY 2009**

- Additional funds were obligated and expended on consultant services to support program-wide outreach, including Kerns & West and CirclePoint to provide a wide variety of Program outreach and meeting facilitation efforts including Fisheries Management and Water Management Technical Feedback meetings.
- Additional funds were obligated and expended on the consultant contract with Montgomery Watson Harza to provide a wide variety of support services related to the development of the Program Environmental Impact Statement/Report, the Fisheries Management Plan, and certain efforts related to meeting the SJRRP's Water Management Goal.
- Funds were obligated and expended on a contract with Mussetter Engineering, Inc. for additional computer modeling support.
- Funds were obligated to a contract with URS Corporation for environmental compliance, permitting, and public outreach and coordination services related to the Mendota Pool Bypass and Reach 2B Improvements Project. This effort is also using funds from the San Joaquin River Restoration Fund and Water and Related Resources, CVP, Friant Division.
- Funds were obligated to a contract with CDM for environmental compliance, permitting, and public outreach and coordination services related to the Reach 4B, Eastside Bypass, and Mariposa Bypass Channel and Structural Improvements Project. This effort is also using funds from the San Joaquin River Restoration Fund and Water and Related Resources, CVP, Friant Division.
- Awarding a financial assistance agreement with the San Joaquin River Exchange Contractors Water Authority to provide landowner coordination and outreach activities. This effort is also using funds from the San Joaquin River Restoration Fund and Water and Related Resources, San Joaquin, Friant Division.

#### **FY 2011**

- In FY 2011, unused funds from Kerns and West and CirclePoint from prior contracts were deobligated.

## **4. Water and Related Resources – CVP, San Joaquin Division**

Funds in the amount of \$5 million were appropriated through the FY 2010 Water and Related Resources Appropriation. These funds were used in the initial part of the year to implement all SJRRP activities. In the later part of FY 2010, many of these activities were moved to the San Joaquin River Restoration Fund. Therefore, many of the descriptions provided below are similar to those provided for the San Joaquin River Restoration Fund.

Table 4 provides a summary of approved, obligated and expended funds from the Water and Related Resources, CVP, San Joaquin Division. In FY 2010, \$5,020,479 was approved. In FY 2010 and FY 2011, \$5,020,479 was obligated, and \$2,619,888 was expended. A description of obligated and expended funds by fiscal year is provided by category/project below.

### **4.1 Administration and Program Management and SJRRP – Investigations/Studies**

Administration and Program Management covers a wide variety of program management functions. Funds were obligated and expended on the following activities in FY 2010 and FY 2011:

- Labor and expenses dedicated to program-wide activities, including labor for the Program Manager, Division Secretary, Budget Analyst, and for other divisions and organizations within Reclamation to provide Program oversight or Program management efforts.
- Labor and expenses for a portion of the 9(d) contract renewal process (this effort was also completed using Water and Related Resources, CVP, Friant Division funds).
- Staff management and program-wide staff expenses, such as training, computers, copiers, office space, awards, audio/visual equipment, and similar.
- Funds were obligated and expended on a contract with Montgomery Watson Harza to provide technical assistance to Reclamation as Reclamation completes the State Water Resources Control Board's process to modify Reclamation's water rights as Friant Dam to implement the SJRRP (funds were obligated for this effort in FY 2010 from the San Joaquin River Restoration Fund and from Water and Related Resources, CVP, San Joaquin Division).

Table 4. Summary of Approved, Obligated, and Expended Funds in FY 2010 and FY 2011 for Water & Related Resources, CVP, San Joaquin Division

CVP, SAN JOAQUIN DIVISION

Category/ (W&RR Program/Project)	Approved FY 10	Obligated FY 10	Expended FY 10	Approved FY 11	Obligated FY 11	Expended FY 11	Approved 10/11	Obligated 10/11	Expended 10/11
<b>ADMIN &amp; PROGRAM MANAGEMENT:</b>	5,020,479	5,020,479	2,410,484	0	0	209,404	5,020,479	5,020,479	2,619,888
Admin & Program Mgmt	811,723	811,723	446,916	0	0	0	811,723	811,723	446,916
Admin & Prgm Mgmt	811,723	811,723	446,916	0	0	0	811,723	811,723	446,916
<b>RESTORATION GOAL ACTIVITIES:</b>	3,803,561	3,803,561	1,558,372	0	138,155	347,559	3,803,561	3,941,716	1,905,931
SJRRP - Investigations/Study	2,369	2,369	2,369	0	0	0	2,369	2,369	2,369
<b>Mendota Pool Bypass/Reach 2B Improvement</b>									
Mendota Pool Bypass/Reach 2B Improvement	642,361	642,361	23,534	0	0	0	642,361	642,361	23,534
<b>Reach 4B/ESB/MB Channel &amp; Struct Imprv</b>									
Reach 4B/ESB/MB Chnl & Structural Improv	1,360,476	1,360,476	24,979	0	0	0	1,360,476	1,360,476	24,979
<b>PHASE II PROJECTS</b>	267,847	267,847	110,736	0	0	127,936	267,847	267,847	238,671
<b>Reach 4B/ESB High Flow Routing &amp; Sand Slough</b>									
Reach 4B/ESB High Flow Routing & Sand	267,847	267,847	110,736	0	0	127,936	267,847	267,847	238,671
<b>Flow-Related Activities</b>	1,530,508	1,530,508	1,396,754	0	138,155	219,623	1,530,508	1,668,663	1,616,377
Interim Flows Planning & Monitoring	1,530,508	1,530,508	1,396,754	0	138,155	219,623	1,530,508	1,668,663	1,616,377
<b>WATER MANAGEMENT GOAL ACTIVITIES:</b>	405,195	405,195	405,195	0	(138,155)	(138,155)	405,195	267,040	267,040
<b>Water Mgmt Study and EA/IS</b>	76,970	76,970	76,970	0	0	0	76,970	76,970	76,970
<b>Friant-Kern Canal Capacity Restoration</b>	31,469	31,469	31,469	0	0	0	31,469	31,469	31,469
Friant-Kern Canal Cap Rest Plng & EA/IS	31,469	31,469	31,469	0	0	0	31,469	31,469	31,469
<b>Reverse Flow Facilities</b>	296,756	296,756	296,756	0	(138,155)	(138,155)	296,756	158,601	158,601
Reverse Flow Facilities Plng & EA/IS	296,756	296,756	296,756	0	(138,155)	(138,155)	296,756	158,601	158,601
<b>GRAND TOTAL</b>	5,020,479	5,020,479	2,410,484	0	0	209,404	5,020,479	5,020,479	2,619,888

## **4.2 Mendota Pool Bypass and Reach 2B Improvements Project**

Funds were obligated and expended on the following activities in FY 2010 and FY 2011:

- Labor and expenses in FY 2010 for project management, environmental compliance, and engineering efforts to initiate project efforts.
- Funds were obligated to a contract with URS Corporation for environmental compliance, permitting, and public outreach and coordination services related to the project.

## **4.3 Reach 4B, Eastside Bypass, and Mariposa Bypass Channel and Structural Improvements Project**

Funds were obligated and expended on the following activities in FY 2010 and FY 2011:

- Labor and expenses for project management, environmental compliance, and engineering efforts to initiate project efforts.
- Funds were obligated to a contract with CDM for environmental compliance, permitting, and public outreach and coordination services related to the project.

## **4.4 Reach 4B, Eastside Bypass High Flow Routing Project**

Funds obligated and expended in FY 2010 and FY 2011 were used for initial planning of a Reach 4B high-flow routing study prior to the decision to consolidate this effort with the Reach 4B, Eastside Bypass, and Mariposa Bypass Channel and Structural Improvements Project in response to stakeholder feedback. Activities also included hydraulic modeling conducted by the TSC.

## **4.5 Flow-Related Activities**

Funds were obligated and expended on the following activities in FY 2010 and FY 2011:

- Labor and expenses for a variety of flow-related monitoring activities, including the following: seepage monitoring including groundwater well installation, seepage monitoring field efforts, data management, and efforts to prepare the Seepage Management Plan; preparing flow allocations and coordinating flow activities and releases with the Restoration Administrator; participating in the Technical Advisory Committee; making flow changes at Friant Dam; water and sediment quality monitoring required pursuant to the State Water Resources Control Board Order for Interim Flows; and related data management and quality control activities.
- Awarding an option to the financial assistance agreement with the San Joaquin River Exchange Contractors Water Authority to provide landowner coordination and outreach activities.
- Funds were obligated and expended on a contract with WRIME, Inc. for environmental compliance, permitting, and public outreach for the Water Year 2011 Interim Flows Project.
- Funds were obligated and expended on a financial assistance agreement with San Luis Canal Company for increased operations and maintenance at Sack Dam that was a result of the Interim Flows.

- Funds were obligated and expended on an agreement with the U.S. Geological Survey to quality control of specific gage data.
- Aerial flights and mapping services.

#### **4.6 Water Management Study and EA/IS**

Funds were obligated and expended on labor and expenses for project management, environmental compliance, public outreach, and engineering efforts for implementation of the Water Management Goal.

#### **4.7 Friant-Kern Canal Capacity Restoration**

Funds were obligated and expended on labor and expenses for project management, environmental compliance, and engineering efforts as part of the feasibility study efforts for the Friant-Kern Canal and Madera Canal Capacity Restoration Projects.

#### **4.8 Reverse Flow Facilities**

In FY 2010, funds were obligated and expended by Reclamation for a drilling survey of the Friant-Kern Canal at Shafter Check, Poso Check, and Lake Woollomes.



## **5. Water and Related Resources – CVP, Friant Division**

Funds slightly more than \$5 million were appropriated in the FY 2011 Operating Plan for the Water and Related Resources Appropriation. Table 5 provides a summary of approved, obligated and expended funds from the Water and Related Resources, CVP, Friant Division. In FY 2011, \$5,016,000 was approved and the total amount was obligated. Of this amount, \$232,271 was expended in FY 2011. A description of obligated and expended funds by fiscal year is provided by category/project below.

### **5.1 Seepage Management / Flow-Related Activities**

Funds were obligated to a multi-year contract to CDM for a variety of seepage management activities, including completing a revised version of the Seepage Management Plan, conducting site evaluations, installing groundwater monitoring wells, and similar. This contract was also funded with funds from the San Joaquin River Restoration Fund.

### **5.2 Agreement with Henry Miller Reclamation District/Arroyo Canal Fish Screen and Sack Dam Fish Passage Project**

Funds were obligated to a multi-year agreement with the Henry Miller Reclamation District #2131 to complete the California Environmental Quality Act, permitting, and design activities for the Arroyo Canal Fish Screen and Sack Dam Fish Passage Project in coordination with Reclamation.

**Table 5. Summary of Approved, Obligated, and Expended Funds in FY 2010 and FY 2011 for Water & Related Resources, CVP, Friant Division**

**CVP, FRIANT DIVISION**

Category/ (W&RR Program/Project)	Approved FY 10	Obligated FY 10	Expended FY 10	Approved FY 11	Obligated FY 11	Expended FY 11	Approved 10/11	Obligated 10/11	Expended 10/11
<b>CVP,SAN JOAQUIN RIVER WRITE-IN</b>	-	-	-	<b>5,016,000</b>	<b>5,016,000</b>	<b>232,271</b>	<b>5,016,000</b>	<b>5,016,000</b>	<b>232,271</b>
Seepage Management	-	-	-	-	1,513,802	-	-	1,513,802	-
Agmt w/Henry Miller Reclamation District MOU	-	-	-	-	3,502,198	232,271	-	3,502,198	232,271

## **6. CALFED**

Funds of \$1 million were appropriated in FY 2009 as part of the CALFED appropriation for the implementation of the SJRRP. Table 6 provides a summary of approved, obligated and expended CALFED funds. Funds were obligated and expended on a contract with WRIME for environmental compliance, permitting, and public outreach and coordination services related to the Arroyo Canal Fish Screen and Sack Dam Fish Passage Project.

**Table 6. Summary of Approved, Obligated, and Expended Funds in FY 2009, FY 2010 and FY 2011 for CALFED Funds**

**SAN JOAQUIN RIVER SETTLEMENT- SACK DAM FISH SCREEN N32-1852**

Category/ (W&RR Program/Project)	Approved FY 09	Obligated FY 09	Expended FY 09	Approved FY 10	Obligated FY 10	Expended FY 10	Approved FY 11	Obligated FY 11	Expended FY 11	Approved 09/11	Obligated 09/11	Expended 09/11
<b>CalFed</b>	<b>1,000,000</b>	<b>998,064</b>	<b>877</b>	-	(256)	153,160	-	(183,966)	454,234	<b>1,000,000</b>	<b>813,842</b>	<b>608,271</b>
Arroyo Canal and Sack Dam	-	998,064	877	-	(256)	153,160	-	(183,966)	454,234	-	813,842	<b>608,271</b>

## **7. San Joaquin River Restoration Trust Fund**

In late 2008, the California Department of Water Resources (DWR) and Reclamation entered into an agreement in which DWR provides funds to Reclamation for certain activities related to implementation of the SJRRP. Consistent with the agreement, these funds have been used to provide funding to the National Marine Fisheries Service to provide technical assistance to Reclamation necessary for investigations, environmental reviews, studies, designs and related activities associated with program-level, site-specific, and project-specific actions to implement the SJRRP. Funds have also been obligated to complete activities related to the Program Environmental Impact Statement/Report. Table 7 provides a summary of approved, obligated and expended funds from DWR.

Table 7. Summary of Approved, Obligated, and Expended Funds in FY 2009, FY 2010 and FY 2011 for Trust Account

TRUST, SAN JOAQUIN T40-1591

Category/ (W&RR Program/Project)	Approved FY 09	Obligated FY 09	Expended FY 09	Approved FY 10	Obligated FY 10	Expended FY 10	Approved FY 11	Obligated FY 11	Expended FY 11	Approved 09/11	Obligated 09/11	Expended 09/11
TRUST, SAN JOAQUIN RIVER	1,500,000	500,592	250,000	1,000,000	1,758,989	208,661	2,000,000	579,871	1,609,809	4,500,000	2,839,452	2,068,470
NMFS Interagency Agreement	-	500,592	250,000	-	555,509	208,661	-	579,871	1,609,809	-	1,635,972	2,068,470
PEIS/R	-	-	-	-	1,203,480	-	-	-	-	-	1,203,480	-