

[SUMMARY OF FINAL SUBMITTED VERSION]**PROGRESS REPORT BY PERMITTEE FOR 2010**

Primary Owner: U.S. BUREAU OF RECLAMATION
 Application Number: A013370
 Permit Number: 011315
 Date Submitted: 12/22/2011

Compliance with Permit Terms and Conditions	
I have reviewed my water right permit	Yes
I am complying with all terms and conditions	Yes
Description of noncompliance with terms and conditions	
Intake location has been changed	
Description of intake location changes	
Type of use has changed	
Description of type of use changes	
Place of use has changed	
Description of place of use changes	

Permitted Project Status	
Project Status	Not Complete
Construction work has commenced	Yes
Construction is completed	Yes
Beneficial uses of water has commenced	Yes
Project will be completed within the time period specified in the permit	No
Explanation of work remaining to be done	Petition filed to extend time period to maximize beneficial use
Estimated date of completion	12/31/2030

Purpose of Use	
Domestic	incidental
Irrigation	1950217 Acres Mixed Crop Types
Industrial	mixed
Municipal	0
Recreational	aquatic related sports
Stockwatering	incidental
Fish and Wildlife Protection and/or Enhancement	American River, Sacramento River and Delta Flows
Other	water quality control

Month	Amount directly diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	156144.6	240789.2
February	179167	261434
March	218687.5	293975
April	356081.6	450963.2
May	312785	617600.1
June	368530.3	697460.5
July	101919.4	203838.8

August	70349.6	140699.2
September	67175.2	134350.4
October	63025.5	126051
November	127087.7	254175.4
December	193172.8	386345.5
Total	2214126.2	3807682.3

Month	Maximum Rate of Diversion (CFS)
January	5206.4
February	8876.3
March	5606.9
April	11239.9
May	8195.3
June	9699.3
July	1660.5
August	1957
September	1436
October	2199
November	4050
December	5346

Reservoir name	Spilled this year	Feet below spillway at maximum storage	Completely emptied	Feet below spillway at minimum storage	Method used to measure water level
Folsom	No	12.28	No	97.54	surface water staff gage

Conservation of Water	
Are you now employing water conservation efforts?	No
Description of water conservation efforts	
Amount of water conserved	

Water Quality and Wastewater Reclamation	
During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses?	No
Amount of reclaimed, desalinated, or polluted water used	

Conjunctive Use of Groundwater and Surface Water	
During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your permit?	No
Amounts of groundwater used	

Additional Remarks
<p>The electronic data is submitted provisionally, as an attempt to discretize CVP diversions and storage among individual permits, as requested. The provisional attachment shows the break down between diversions to storage and direct diversions, which are combined in this submittal. Because of the combined place of use, storage and diversions were distributed in order of permit/license priority. Los Vaqueros diversions are accounted for under CVP storage and diversions, as is a portion of San Luis Reservoir Storage. Reclamation does not have population numbers for 2010 CVP contract deliveries (outside of acre-feet served). Per the CPOU, the entire irrigated acreage estimate available (without all districts reporting) is 1,950,217 acres. Reservoir levels are reported for the primary reservoir. Other CVP permits can be consulted for additional reservoir level information. Individual contractors implement conservation measures, but that information was not collected in time to submit with this report. Reclamation also maintains an annual grant program to support conservation activities. Contra Costa</p>

Water District conservation data is reported on A009366, A009367, and A015374, but may have bearing on other CVP permits which support redirection to Los Vaqueros Reservoir and delivery to their service area. Attached are two files which represent the official submittal of Reclamation.

Attachments	
File Name	Size
A013370 Provisional Attachment 2010.pdf	36 KB
2010 Folsom TReport.pdf	65 KB
CVPSUMMARY2010.pdf	16 KB

Contact Information of the Person Submitting the Form	
First Name	Lisa
Last Name	Holm
Relation to Water Right	Authorized Official
Has read the form and agrees the information in the report is true to the best of his/her knowledge and belief	Yes

ATTACHMENT TO 2010 PERMITTEE REPORT

American River Division - Central Valley Project

Folsom Lake/Natoma Lake - Operations under Application 013370/Permit 11315

spillway elevation	475.4			
minimum elevation	377.86	date	1/12/2010	97.54
maximum elevation	463.12	date	6/10/2010	12.28
minimum elevation	408.99	date	12/31/2010	66.41

Month	Amount collected to storage, AF ¹	Amount directly diverted, AF ^{1,2}	Amount collected to storage or directly diverted, AF ¹	Amount withdrawn from storage, AF ²	Amount used, AF ²	Maximum rate of direct diversion, cfs ³	Maximum rate of diversion to storage cfs ³	Maximum rate of combined direct and storage diversions, cfs
January	71,500.0	84,644.6	156,144.6	156,144.6	240,789.2	1,985.0	158,129.6	5,206.4
February	96,900.0	82,267.0	179,167.0	179,167.0	261,434.0	1,898.0	181,065.0	8,876.3
March	143,400.0	75,287.5	218,687.5	218,687.5	293,975.0	1,614.0	220,301.5	5,606.9
April	261,200.0	94,881.6	356,081.6	356,081.6	450,963.2	2,614.0	358,695.6	11,239.9
May	7,970.0	304,815.0	312,785.0	312,785.0	617,600.1	5,569.0	318,354.0	8,195.3
June	39,600.0	328,930.3	368,530.3	368,530.3	697,460.5	8,000.0	376,530.3	9,699.3
July	0.0	101,919.4	101,919.4	101,919.4	203,838.8	1,660.5	103,579.9	1,660.5
August	0.0	70,349.6	70,349.6	70,349.6	140,699.2	1,957.0	72,306.6	1,957.0
September	0.0	67,175.2	67,175.2	67,175.2	134,350.4	1,436.0	68,611.2	1,436.0
October	0.0	63,025.5	63,025.5	63,025.5	126,051.0	2,199.0	65,224.5	2,199.0
November	0.0	127,087.7	127,087.7	127,087.7	254,175.4	4,050.0	131,137.7	4,050.0
December	0.0	193,172.8	193,172.8	193,172.8	386,345.5	5,346.0	198,518.8	5,346.0
TOTAL	620,570.0	1,593,556.2	2,214,126.2	2,214,126.2	3,807,682.4			

¹ These two columns are combined to provide the numbers reported as "Amount directly diverted or collected to storage". The Diversion to Storage is also reported under Permit 11317.

² These two columns are combined to provide the numbers reported as "Amount used". The withdrawals from storage are also reported under other CVP Permit 11317.

³ Daily diversion rates were combined to determine the maximum combined rate of diversion for each month.

ATTACHMENT TO 2010 PERMITTEE REPORT

These values are derived from daily operations records of the CVP. Please note that values reported from other sources may be slightly different than show on this summary. Storage and change is storage at Lake Natoma is not included as it is a regulating reservoir (capacity 8,760 af).

**American River Division - Central Valley Project
Folsom Lake/Natoma Lake - Operational Summary
Units: Acre-feet**

Year	Month	Folsom Lake							Natoma Lake					
		EOM Storage	Change in Storage	Releases Power	Releases Spill	Outlet	Pumping Plant	Evap.	Releases Power	Releases Spill	Releases Hatchery	Total to American River	Folsom South Canal	Evap
2009	Oct	347,300	-64,300	130,865	0	0	8,981	1,591	113,946	6,050	3,689	123,685	2,362	81
2009	Nov	284,400	-62,900	99,980	0	14,797	6,734	599	101,886	1,492	3,570	106,948	2,212	52
2009	Dec	264,300	-20,100	115,678	0	0	4,491	242	104,181	1,379	3,689	109,249	1,511	14
2010	Jan	321,700	57,300	97,229	0	0	4,378	395	91,404	0	3,689	95,093	1,525	20
2010	Feb	418,600	96,900	81,708	0	0	4,447	522	64,497	11,560	3,332	67,829	1,674	36
2010	Mar	562,000	143,500	74,415	0	0	4,594	1,454	68,119	742	3,689	71,808	2,009	69
2010	Apr	823,200	261,300	94,335	0	0	5,092	1,813	87,109	188	3,570	90,679	2,162	77
2010	May	905,400	82,400	305,290	2	0	8,712	3,285	281,060	1,371	3,689	284,749	2,279	121
2010	Jun	923,100	17,700	353,597	0	0	14,174	4,816	269,625	65,235	3,570	273,195	2,668	169
2010	Jul	753,700	-169,500	271,799	0	0	17,328	5,653	247,642	0	3,689	251,331	2,672	206
2010	Aug	656,500	-97,100	167,792	0	0	15,301	4,437	150,577	0	3,689	154,266	2,224	182
2010	Sep	624,200	-32,600	99,369	0	0	14,265	3,517	88,226	0	3,570	91,796	2,787	149
2010	Oct	601,800	-22,500	101,605	0	0	10,747	2,097	69,778	23,969	3,689	73,467	2,686	91
2010	Nov	550,500	-51,100	162,542	0	6,238	5,260	901	118,653	38,771	3,570	122,223	1,948	50
2010	Dec	442,300	-108,100	287,413	0	495,381	3,848	797	152,307	587,939	3,689	155,996	1,299	34
Total - Water Year			212,600	1,892,057	2	14,797	108,497	28,324	1,668,272	88,017	43,435	1,720,628	26,085	1,176
Total - Calendar Year			178,200	2,097,094	2	501,619	108,146	29,687	1,688,997	729,775	43,435	1,732,432	25,933	1,204

Storage Quantities

American River	Date	Storage
Begin Storage Season	11/1/2009	599,200
Minimum Storage	1/12/2010	250,200
Beginning of Year Storage	1/1/2010	262,500
Maximum Storage	6/10/2010	945,000
End of Storage Season	7/1/2010	921,400
Minimum Storage	1/10/2011	408,700
End of Year Storage	12/31/2010	442,300
Diversion to Storage:		694,800

Summary of Central Valley Project Operations 1/
 Calendar Year 2010
 Inventory of Water Quantities in Acre-feet

SJC-108

Facilities and Area of Use	Reservoir Evaporation	Irrigation Diversions	M & I Deliveries	Power Use <u>14/</u>	River Release <u>2/</u>	Acres Irrigated
Trinity River						
Clair Engle Lake and vicinity	35,305	- na -	- na -	902,496	- na -	- na -
Lewiston Lake and vicinity	2,061	- na -	- na -	49,704	654,299	- na -
Diversions from Lewiston Lake to Whiskeytown Lake	- na -	- na -	- na -	608,070	- na -	- na -
Trinity River Subtotal	37,366	- na -	- na -	1,560,270	654,299	- na -
Clear Creek						
Whiskeytown Lake <u>3/</u>	6,837	2,580	1,673	- na -	140,099	- na -
Diversions - Whiskeytown Lake to Keswick Reservoir	- na -	- na -	- na -	608,070	- na -	- na -
Clear Creek Subtotal	6,837	2,580	1,673	608,070	140,099	- na -
Sacramento River						
Shasta Lake	101,559	- na -	- na -	4,680,760	- na -	- na -
Keswick Reservoir	2,326	- na -	- na -	5,284,614	5,284,614	- na -
CVP Redding area (Keswick, Shasta, Bella Vista)	- na -	4,742	18,490	- na -	- na -	13,058
Sacramento Valley Canals	- na -	189,590	437	- na -	- na -	115,138
Sacramento River Settlement Contractors	- na -	<u>4/</u>	<u>4/</u>	- na -	- na -	405,013
Sacramento River Subtotal	103,885	194,332	18,927	9,965,374	5,284,614	533,209
American River						
Folsom Lake	29,687	0	39,125 <u>5/</u>	2,097,094	- na -	0
Lake Natoma	1,204	- na -	- na -	1,688,997	2,461,661	- na -
Folsom South Canal (from Lake Natoma)	- na -	- na -	3,415	- na -	- na -	- na -
Lower American River Diversions	- na -	- na -	0 <u>5/</u>	- na -	- na -	- na -
American River Subtotal	30,891	0	42,540	3,786,091	2,461,661	0
Stanislaus River						
New Melones Lake	36,302	- na -	- na -	799,067	799,067 <u>12/</u>	- na -
Stanislaus River <u>13/</u>	- na -	495,138 <u>5/</u>	23,465 <u>5/</u>	- na -	- na -	- na -
Stanislaus River Subtotal	36,302	495,138 <u>6/</u>	23,465	799,067	799,067	- na -

Facilities and Area of Use	Reservoir Evaporation	Irrigation Diversions	M & I Deliveries	Power Use <u>14/</u>	River Release <u>2/</u>	Acres Irrigated
Delta and Westside of San Joaquin Valley						
Contra Costa Canal and Contra Loma Reservoir	- na -	0	81,072	- na -	- na -	0
Delta Mendota and San Luis Canals						
Delta-Mendota Canal	- na -	61,811	6,770	- na -	- na -	63,495 <u>19/</u>
Waterfowl Conservation	- na -	257,993	- na -	- na -	- na -	- na -
San Luis Reservoir J/	65,754	- na -	- na -	530,300	- na -	- na -
O'Neill Forebay J/	- na - <u>11/</u>	- na -	- na -	54,536	- na -	- na -
San Luis and Coalinga Canal	- na -	1,175,266	92,620	- na -	- na -	463,851 <u>20/</u>
Cross Valley Canal	- na -	8,985	75 <u>5/</u>	- na -	- na -	- na -
San Felipe Service Area (Pacheco Tunnel)	- na -	24,754	71,554	- na -	- na -	0 <u>21/</u>
Mendota Pool						
Mendota Pool and vicinity <u>7/ 8/</u>	- na -	57,778	- na -	- na -	- na -	27,242 <u>9/</u>
Waterfowl Conservation(Reported under San Luis Canal)	- na -	- na -	- na -	- na -	- na -	- nr -
Exchange Contract <u>10/ 8/</u>	- na -	680,374	- na -	- na -	- na -	54,325 <u>22/</u>
Delta and Westside Subtotal	65,754	2,266,961	252,091	584,836	- na -	608,913
San Joaquin River						
Millerton Lake and vicinity	18,812	7,249	155	- na - <u>15/</u>	136,872 <u>16/</u>	- na - <u>17/</u>
Interim Restoration (Releases under P.L. 111-11)	- na -	- na -	- na -	- na -	267,066	- na -
Exchange Contract (Recapture under P.L. 111-11)	- na -	52000	- na -	- na -	- na -	- na - <u>18/</u>
Friant-Kern Canal	- na -	1,172,116	61,156	- na -	- na -	633,124
Madera Canal	- na -	255,733	- na -	- na -	- na -	174,971
San Joaquin River Subtotal	18,812	1,487,098	61,311	- na -	403,938	808,095
Total - CVP	299,847	4,446,109	400,007	17,303,708	9,743,678	1,950,217

LEGEND: na = not applicable; nr = not reported; ua = unavailable

- 1/ Does not include water quantities and acreage for either American River Division or Black Butte Unit.
- 2/ As appropriate value is shown only for regulating reservoir; Includes river outlet releases for downstream uses and/or flood control releases, including temperature control, water quality and Delta standards.
- 3/ M & I use by Clear Creek Community Service District.
- 4/ Total delivery under water right settlement contracts; includes water under contractors water rights.
- 5/ Includes water under water service and water right settlement contracts; some of this water includes water under contractors water rights.
- 6/ Stanislaus River Irrigation Diversions include releases reported from Goodwin Reservoir Daily Operations, Joint Main & South Main Canal Releases.
- 7/ All contractors including water right settlement contractors except Exchange Contractors below
- 8/ Water diverted directly from San Joaquin River is under water rights of settlement contractors.
- 9/ Does not include irrigated acreage in Westlands Water District, Coelho Family Trust , Dudley, Laguna WD, Reclamation District No.1606, and Tranquillity Public Utilities District.
- 10/ Represents the combined irrigation diversions and acres irrigated of Central California Irrigation District, Columbia Canal Co., Firebaugh Canal Co., and San Luis Canal Co.
- 11/ The total amount of Reservoir Evaporation is unavailable. 12/ River release is made at Goodwin Dam.
- 13/ Water service contract and water right settlement deliveries are made at Goodwin Dam.
- 14/ Releases made through power generation facilities. Though these releases are totaled, the same water may pass through multiple facilities.
- 15/ Generation facilities at Friant Dam and associated water rights are not operated or held by Reclamation.
- 16/ Releases include water for water right Settlement Contracts between Friant and Gravelly Ford.
- 17/ Total area in water right settlement contracts. 18/ Acres irrigated incorporated in Mendota Pool figure.
- 19/ Does not include irrigated acreage in Centinella WD, Eagle Field WD, Mercy Springs WD, Oro Loma WD, and Plain View WD.
- 20/ Does not include irrigated acreage in Pacheco WD and Panoche WD.
- 21/ Does not include irrigated acreage in San Benito County WD and Santa Clara Valley WD.
- 22/ Does not include irrigated acreage in Central California ID and Firebaugh Canal WD.
- J/ Joint State/Federal use facility.