

[SUMMARY OF FINAL SUBMITTED VERSION]**PROGRESS REPORT BY PERMITTEE FOR 2011**

Primary Owner: U.S. BUREAU OF RECLAMATION
 Application Number: A013370
 Permit Number: 011315
 Date Submitted: 06/28/2012

1. Permit Review	
I have reviewed my water right permit	Yes

2. Compliance with Permit Terms and Conditions	
I am complying with all terms and conditions	Yes
Description of noncompliance with terms and conditions	

3. Changes to the Project	
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	
Other changes	
Description of other changes	

4-6. Permitted Project Status	
Project Status	Not Complete
6a. Construction work has commenced	Yes
6b. Construction is completed	Yes
6c. Beneficial uses of water has commenced	Yes
6d. Project will be completed within the time period specified in the permit	Yes
6e. Explanation of work remaining to be done	Petition filed to extend time period to maximize beneficial use
6f. Estimated date of completion	12/31/2030

7. Purpose of Use	
Domestic	incidental
Irrigation	1519843 Acres Mixed Crop Types
Industrial	mixed
Municipal	0
Recreational	acquatic related sports
Stockwatering	incidental
Fish and Wildlife Protection and/or Enhancement	American River
Other	Water Quality Control

8. Amount of Water Diverted and Used		
Month	Amount directly diverted or collected to storage	Amount used

	(Acre-Feet)	(Acre-Feet)
January	215216	157016
February	272120.8	138120.8
March	291151.2	269951.2
April	416661.7	303361.7
May	439971.9	310471.9
June	347634.4	299334.4
July	285309.3	282809.3
August	119408.5	212208.5
September	117845.6	216845.6
October	72328.9	235328.9
November	45986.8	142086.8
December	49988.5	115388.5
Total	2673623.6	2682923.6

9. Maximum Rate of Diversion for each Month	
Month	Maximum Rate of Diversion (CFS)
January	3487.1
February	2580
March	5214
April	5138
May	5125
June	5133
July	5104
August	2242.2
September	2260.8
October	1282.6
November	833.1
December	952.2

10. Storage					
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	10.87	No	71.10	surface water gage reading

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

Water Quality and Wastewater Reclamation	
13. 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
14. Amount of reclaimed, desalinated, or polluted water used	

Conjunctive Use of Groundwater and Surface Water	

15. During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your permit?

No

16. Amounts of groundwater used

Additional Remarks

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. . Reclamation does not have population numbers for 2011 CVP contract deliveries (outside of acre-feet served).

Attachments

File Name	Description	Size
Folsom 2011 Operations Summary.pdf	2011 Folsom Operations Summary	63 KB
CVPSUMMARY2011.pdf	2011 CVP Summary	16 KB

Contact Information of the Person Submitting the Form

First Name	Claire
Last Name	Hsu
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 2011 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
2010	Oct	601,800	-22,500	101,605	0	0	10,747	2,097	69,778	23,969	3,689	97,436	2,686	91
2010	Nov	550,500	-51,100	162,542	0	6,238	5,260	901	118,653	38,771	3,570	160,994	1,948	50
2010	Dec	442,300	-108,100	287,413	0	495,381	3,848	797	152,307	587,939	3,689	743,935	1,299	34
2011	Jan	479,500	37,100	204,654	0	92,879	3,775	381	151,698	129,461	3,689	284,848	1,906	12
2011	Feb	613,500	133,900	138,008	2	3,572	4,348	873	132,958	1,831	3,332	138,121	2,075	46
2011	Mar	634,700	21,200	292,941	546,307	0	4,572	964	265,174	607,106	3,689	875,969	1,565	46
2011	Apr	750,600	115,900	294,607	244,925	0	7,234	2,194	298,247	255,286	3,570	557,103	2,081	87
2011	May	880,100	129,600	320,196	92,639	0	11,292	3,269	305,017	113,480	3,689	422,186	2,315	127
2011	Jun	928,400	48,300	328,003	242,646	0	11,873	516	292,723	280,033	3,570	576,326	2,380	18
2011	Jul	932,200	3,900	279,806	25,853	0	15,850	4,429	277,016	35,245	3,689	315,950	2,604	155
2011	Aug	839,400	-92,900	211,044	2	0	15,658	4,998	206,389	4,205	3,689	214,283	2,505	180
2011	Sep	740,400	-99,000	210,723	0	0	13,712	4,003	211,013	853	3,570	215,436	2,646	151
2011	Oct	577,400	-163,000	227,950	0	970	9,128	1,882	229,554	1,912	3,689	235,155	2,501	73
2011	Nov	481,300	-96,400	144,377	0	0	6,337	837	137,006	0	3,576	140,582	1,755	44
2011	Dec	415,900	-65,200	125,068	0	0	5,951	692	110,427	12,173	3,689	126,289	1,476	44
Total - Water Year			-46,700	3,059,492	1,152,374	599,040	117,297	27,304	2,710,527	2,080,091	47,124	4,837,742	28,511	1,070
Total - Calendar Year			-26,600	2,777,377	1,152,374	97,421	109,730	25,038	2,617,222	1,441,585	43,441	4,102,248	25,809	983

Storage Quantities

American River	Date	Storage
Begin Storage Season	11/1/2010	599,200
Minimum Storage	1/10/2011	404.30
Beginning of Year Storage	1/1/2011	435,200
Maximum Storage	7/13/2011	961,000
End of Storage Season	7/1/2100	931,000
Minimum Storage	1/10/2011	408,700
End of Year Storage	12/31/2011	415,900
Diversion to Storage:		960,596

Summary of Central Valley Project Operations 1/
Calendar Year 2011
Inventory of Water Quantities in Acre-feet

SJC-109

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	42,617	- na -	- na -	1,162,304	- na -	- na -
Lewiston Lake and vicinity	1,966	- na -	- na -	50,680	758,435	- na -
Diversions from Lewiston Lake to Whiskeytown Lake	- na -	- na -	- na -	618,909	- na -	- na -
Trinity River Subtotal	44,583	- na -	- na -	1,831,893	758,435	- na -
Clear Creek						
Whiskeytown Lake <u>3/</u>	6,910	2,206	1,698	- na -	140,122	- na -
Diversions - Whiskeytown Lake to Keswick Reservoir	- na -	- na -	- na -	753,063	- na -	- na -
Clear Creek Subtotal	6,910	2,206	1,698	753,063	140,122	- na -
Sacramento River						
Shasta Lake	99,873	- na -	- na -	5,492,459	- na -	- na -
Keswick Reservoir	2,287	- na -	- na -	6,107,775	7,194,653	- na -
CVP Redding area (Keswick, Shasta, Bella Vista)	- na -	4,727	16,579	- na -	- na -	14,043
Sacramento Valley Canals	- na -	193,712	239	- na -	- na -	124,234
Sacramento River Settlement Contractors	- na -	229,296 <u>4/</u>	1,584 <u>4/</u>	- na -	- na -	367,066
Sacramento River Subtotal	102,160	427,735	18,402	11,600,234	7,194,653	505,343
American River						
Folsom Lake	25,038	0	60,794 <u>5/</u>	2,777,377	- na - <u>2/</u>	0
Lake Natoma	983	- na -	- na -	2,617,222	4,102,248	- na -
Folsom South Canal (from Lake Natoma)	- na -	- na -	3,289	- na -	- na -	- na -
Lower American River Diversions	- na -	- na -	0 <u>5/</u>	- na -	- na -	- na -
American River Subtotal	26,021	0	64,083	5,394,599	4,102,248	0
Stanislaus River						
New Melones Lake	49,716	- na -	- na -	1,424,871	1,424,871 <u>12/</u>	- na -
Stanislaus River <u>13/</u>	- na -	524,708 <u>5/</u>	47,574 <u>5/</u>	- na -	- na -	- na -
Stanislaus River Subtotal	49,716	524,708 <u>6/</u>	47,574	1,424,871	1,424,871	- 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 <u>19/</u>
Delta and Westside of San Joaquin Valley						
Contra Costa Canal and Contra Loma Reservoir	- na -	0	96,202	- na -	- na -	0
Delta Mendota and San Luis Canals						
Delta-Mendota Canal	- na -	121,753	6,144	- na -	- na -	98,025 <u>19/</u>
Waterfowl Conservation	- na -	272,778	- na -	- na -	- na -	- na -
San Luis Reservoir J/	71,665	- na -	- na -	289,164	- na -	- na -
O'Neill Forebay J/	- na - <u>11/</u>	- na -	- na -	2,034	- na -	- na -
San Luis and Coalinga Canal	- na -	1,129,847	11,591	- na -	- na -	666,791
Cross Valley Canal	- na -	1,001	41 <u>5/</u>	- na -	- na -	- na -
San Felipe Service Area (Pacheco Tunnel)	- na -	48,089	63,155	- na -	- na -	759 <u>21/</u>
Mendota Pool						
Mendota Pool and vicinity <u>7/ 8/</u>	- na -	49,455	- na -	- na -	- na -	32,466 <u>9/</u>
Waterfowl Conservation(Reported under San Luis Canal)	- na -	- na -	- na -	- na -	- na -	- nr -
Exchange Contract <u>10/ 8/</u>	- na -	724,940	- na -	- na -	- na -	216,459
Delta and Westside Subtotal	71,665	2,347,863	177,133	291,198	- na -	1,014,500
San Joaquin River						
Millerton Lake and vicinity	19,500	455	148	- na - <u>15/</u>	1,278,808 <u>16/</u>	- na - <u>17/</u>
Interim Restoration (Releases under P.L. 111-11)	- na -	- na -	- na -	- na -	61,165	- na -
Exchange Contract (Recapture under P.L. 111-11)	- na -	29,602	- na -	- na -	- na -	- na - <u>18/</u>
Friant-Kern Canal	- na -	1,236,950	66,487	- na -	- na -	768,461 <u>20/</u>
Madera Canal	- na -	268,609	- na -	- na -	- na -	180,044
San Joaquin River Subtotal	19,500	1,535,616	66,635	- na -	1,339,973	948,505
Total - CVP	320,555	4,838,128	375,525	21,295,858	14,960,302	2,468,348

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 Coelho Family Trust , Dudley, and Fresno Slough Water 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 Plain View WD.
- 20/ Does not include irrigated acreage in Garfield WD, Porterville ID, and Stone Corral ID.
- 21/ Does not include irrigated acreage in San Benito County WD.

J/ Joint State/Federal use facility.