

[SUMMARY OF FINAL SUBMITTED VERSION]

PROGRESS REPORT BY PERMITTEE FOR 2013

Primary Owner: U.S. BUREAU OF RECLAMATION
 Primary Contact: U.S. BUREAU OF RECLAMATION

Date Submitted: 06/30/2014

Application Number: A013370
 Permit Number: 011315

Source(s) of Water	POD Parcel Number	County
AMERICAN RIVER		Sacramento
AMERICAN RIVER		Sacramento
AMERICAN RIVER		Contra Costa
AMERICAN RIVER		Contra Costa
OLD RIVER		Contra Costa
AMERICAN RIVER		Sacramento
SACRAMENTO RIVER		Sacramento
AMERICAN RIVER		Sacramento

MAX Direct Diversion Rate: 8000 CFS
 MAX Collection to Storage: 1000000 AC-FT
 Face Value: 5347832 AC-FT

Permitted Use(s)	Acres	Direct Diversion Season	Storage Season
Municipal		11/01 to 08/01	11/01 to 07/01
Industrial		11/01 to 08/01	11/01 to 07/01
Irrigation	500000	11/01 to 08/01	11/01 to 07/01

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	No
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

Irrigation	1875468 Acres Mixed Crop Types
Industrial	mixed type
Recreational	water sports
Stockwatering	incidental
Fish and Wildlife Protection and/or Enhancement	Salmon and Steelhead

8. Amount of Water Diverted and Used

Month	Amount directly diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	155696.8	168796.8
February	108142.1	124242.1
March	153207.9	103407.9
April	149708.6	73608.5
May	117870.6	65870.6
June	72355.1	141555.1
July	61548.1	196048.1
August	67859.4	159959.4
September	42932.8	108432.8
October	18239.5	85639.5
November	76172.6	129272.6
December	29689.9	77289.9
Total	1053423.4	1434123.3
Comments	water diversions and usage information under A013370	

9. Maximum Rate of Diversion for each Month

Month	Maximum Rate of Diversion (CFS)
January	3471.1
February	2454
March	2008
April	1480
May	1277
June	1647.9
July	1141.1
August	1240.3
September	923.5
October	409.3
November	1488
December	593.2

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 Lake	No	32.51	No	111.72	gauge 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 attachment shows the breakdown between diversions to storage and direct diversions, which are combined in this submittal.

Attachments

File Name	Description	Size
CVPSUMMARY2013.pdf	Summary of CVP operations	16 KB
A013370 Attachment_2013.pdf	Folsom operations under A013370	61 KB

Contact Information of the Person Submitting the Form

First Name	Claire
Last Name	Hsu
Relation to Water Right	Primary Owner of Record
Has read the form and agrees the information in the report is true to the best of his/her knowledge and belief	Yes

Summary of Central Valley Project Operations 1/
 Calendar Year 2013
 Inventory of Water Quantities in Acre-feet

SJC-111

Facilities and Area of Use	Reservoir Evaporation	Irrigation Diversions	M & I Deliveries	Power Use ^{2/}	River Release ^{3/}	Acres Irrigated
Trinity River						
Clair Engle Lake and vicinity	42,202	- na -	- na -	1,226,232	- na -	- na -
Lewiston Lake and vicinity	2,393	- na -	- na -	12	489,594	- na -
Diversions from Lewiston Lake to Whiskeytown Lake	- na -	- na -	- na -	800,302	- na -	- na -
Trinity River Subtotal	44,595	- na -	- na -	2,026,546	489,594	- na -
Clear Creek						
Whiskeytown Lake ^{4/}	8,452	2,697	2,261	- na -	141,022	- na -
Diversions - Whiskeytown Lake to Keswick Reservoir	- na -	- na -	- na -	699,148	- na -	- na -
Clear Creek Subtotal	8,452	2,697	2,261	699,148	141,022	- na -
Sacramento River						
Shasta Lake	91,301	0	2,001	4,596,774	- na -	- na -
Keswick Reservoir	2,554	- na -	- na -	5,390,080	94,100	- na -
CVP Redding area (Keswick, Shasta, Bella Vista)	- na -	6,277	8,897	- na -	- na -	12,284
Sacramento Valley Canals	- na -	280,244	332	- na -	- na -	75,041 ^{5/}
Sacramento River Settlement Contractors	- na -	1,735,351 ^{6/}	76,797 ^{6/}	- na -	- na -	333,900 ^{7/}
Sacramento River Subtotal	93,855	2,021,872	86,026	9,986,854	94,100	421,225
American River						
Folsom Lake	29,888	0	87,429 ^{8/}	1,508,851	- na - ^{3/}	0
Lake Natoma	1,380	- na -	- na -	1,536,241	1,711,583	- na -
Folsom South Canal (from Lake Natoma)	- na -	- na -	16,024	- na -	- na -	- na -
Lower American River Diversions	- na -	- na -	48,077 ^{8/}	- na -	- na -	- na -
American River Subtotal	31,268	0	151,530	3,045,092	0	0
Stanislaus River						
New Melones Lake	45,090	- na -	- na -	982,374	414,372 ^{9/}	- na -
Stanislaus River ^{10/}	- na -	541,064 ^{8/}	46,087 ^{8/}	- na -	- na -	- na -
Stanislaus River Subtotal	45,090	541,064 ^{11/}	46,087	982,374	414,372	- na -

Facilities and Area of Use	Reservoir Evaporation	Irrigation Diversions	M & I Deliveries	Power Use ^{2/}	River Release ^{3/}	Acres Irrigated
Delta and Westside of San Joaquin Valley						
Contra Costa Canal and Contra Loma Reservoir	- na -	0	136,441	- na -	- na -	0
Delta Mendota and San Luis Canals						
Delta-Mendota Canal	- na -	62,187	6,082	- na -	- na -	65,360
Waterfowl Conservation	- na -	308,170	- na -	- na -	- na -	- na -
San Luis Reservoir ^{12/}	71,862	- na -	- na -	1,113,926	- na -	- na -
O'Neill Forebay ^{12/}	- na - ^{13/}	- na -	- na -	243,582	- na -	- na -
San Luis and Coalinga Canal	- na -	441,110	11,839	- na -	- na -	459,239 ^{14/}
Cross Valley Canal	- na -	8,831	0 ^{8/}	- na -	- na -	- na -
San Felipe Service Area (Pacheco Tunnel)	- na -	24,816	81,589	- na -	- na -	0 ^{15/}
Mendota Pool						
Mendota Pool and vicinity ^{16/ 17/}	- na -	47,860	- na -	- na -	- na -	10,343 ^{18/}
Waterfowl Conservation(Reported under San Luis Canal)	- na -	- na -	- na -	- na -	- na -	- nr -
Exchange Contract ^{19/ 17/}	- na -	624216	- na -	- na -	- na -	58,009
Delta and Westside Subtotal	71,862	1,517,190	235,951	1,357,508	- na -	592,951
San Joaquin River						
Millerton Lake and vicinity	20,718	25	14	- na - ^{20/}	142,911 ^{21/}	- na - ^{22/}
Interim Restoration (Releases under P.L. 111-11)	- na -	- na -	- na -	- na -	177,100	- na -
Exchange Contract (Recapture under P.L. 111-11)	- na -	93717	- na -	- na -	- na -	- na - ^{23/}
Friant-Kern Canal	- na -	442,155	16,976	- na -	- na -	750,787 ^{24/}
Madera Canal	- na -	102,101	46	- na -	- na -	110,505 ^{25/}
San Joaquin River Subtotal	20,718	637,998	17,036	- na -	320,011	861,292
Total - CVP	315,840	4,720,821	538,891	18,097,522	1,459,099	1,875,468

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

- 1/ Does not include water quantities and acreage for Black Butte Unit.
- 2/ Releases made through power generation facilities. Though these releases are totaled, the same water may pass through multiple facilities.
- 3/ 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. Does not include power releases.
- 4/ M & I use by Clear Creek Community Service District.
- 5/ Does not include irrigated acreage in Corning WD, Colusa County WD, or 4-M WD.
- 6/ Total delivery under water right settlement contracts and contractors water rights.
- 7/ Does not include irrigated acreage in RD-108, RD-1004, Robert's Ditch IC, Tisdale I&DC, or 4-E WD.
- 8/ Includes water under water service and water right settlement contracts; some water under contractors water rights.
- 9/ River release is made at Goodwin Dam.
- 10/ Water service contract and water right settlement deliveries are made at Goodwin Dam.
- 11/ Stanislaus River Irrigation Diversions include releases reported from Goodwin Reservoir Daily Operations, Joint Main & South Main Canal Releases.
- 12/ Joint State/Federal use facility.
- 13/ The total amount of Reservoir Evaporation is unavailable.
- 14/ Does not include irrigated acreage in Pacheco WD and Panoche WD.
- 15/ Districts did not report irrigated acreage in time for this report.
- 16/ All contractors include water right settlement contractors except Exchange Contractors below
- 17/ Water diverted directly from San Joaquin River is under water rights of settlement contractors.
- 18/ Does not include irrigated acreage in Coelho Family Trust , Dudley, Laguna WD, and RD No 1066 (all reported not farming) as well as James ID (not reported in time).
- 19/ Represents the irrigation diversions of Central California Irrigation District, Columbia Canal Co., and San Luis Canal Co. and acres irrigated reported for San Luis and Columbia Canal Cos
- 20/ Generation facilities at Friant Dam and associated water rights are not operated or held by Reclamation.
- 21/ Releases include water for water right Settlement Contracts between Friant and Gravelly Ford.
- 22/ Total area in water right settlement contracts.
- 23/ Acres irrigated incorporated in Mendota Pool figure.
- 24/ Does not include irrigated acreage in Elano-Earlimart ID, Garfield WD, Pixley ID, and Southern San Joaquin MUD.
- 25/ Does not include irrigated acreage in Gravelly Ford WD or Madera ID.

ATTACHMENT TO 2013 PERMITTEE REPORT

American River Division - Central Valley Project
Folsom Lake/Natoma Lake - Operations under Application 013370/Permit 11315

spillway elevation	475.4		
minimum elevation	422.55	date	03/05/13
maximum elevation	442.89	date	05/31/13
minimum elevation	363.68	date	12/31/13

Month	Amount collected to storage, AF1	Amount directly diverted, AF1,2	collected to storage or directly diverted, AF1	Amount withdrawn from storage, AF2	Amount used, AF2	Maximum rate of direct diversion, cfs3	Maximum rate of diversion to storage cfs3	of combined direct and storage diversions, cfs
January	15,700.0	139,996.8	155,696.8	28,800.0	168,796.8	3,471.1	1,414.1	4,885.3
February	4,900.0	103,242.1	108,142.1	21,000.0	124,242.1	2,454.0	959.6	3,413.6
March	52,300.0	100,907.9	153,207.9	2,500.0	103,407.9	2,008.0	2,929.3	4,937.3
April	76,100.0	73,608.5	149,708.5	0.0	73,608.5	1,480.0	2,575.8	4,055.8
May	52,000.0	65,870.6	117,870.6	0.0	65,870.6	1,277.0	1,666.7	2,943.7
June	200.0	72,155.1	72,355.1	69,400.0	141,555.1	1,647.9	101.0	1,748.9
July	0.0	61,548.1	61,548.1	134,500.0	196,048.1	1,141.1	0.0	1,141.1
August	0.0	67,859.4	67,859.4	92,100.0	159,959.4	1,240.3	0.0	1,240.3
September	0.0	42,932.8	42,932.8	65,500.0	108,432.8	923.5	0.0	923.5
October	0.0	18,239.5	18,239.5	67,400.0	85,639.5	409.3	0.0	409.3
November	0.0	76,172.6	76,172.6	53,100.0	129,272.6	1,488.0	0.0	1,488.0
December	0.0	29,689.9	29,689.9	47,600.0	77,289.9	593.2	0.0	593.2
TOTAL	201,200.0	852,223.2	1,053,423.2	581,900.0	1,434,123.2			

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.