

[SUMMARY OF FINAL SUBMITTED VERSION]**PROGRESS REPORT BY PERMITTEE FOR 2012**

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

Date Submitted: 06/28/2013

Application Number: A013370
 Permit Number: 011315

Source(s) of Water	POD Parcel Number	County
AMERICAN RIVER		Sacramento
SACRAMENTO RIVER		Sacramento
AMERICAN RIVER		Sacramento
OLD RIVER		Contra Costa
AMERICAN RIVER		Sacramento
AMERICAN RIVER		Contra Costa
AMERICAN RIVER		Contra Costa
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
Industrial		11/01 to 08/01	11/01 to 07/01
Irrigation	500000	11/01 to 08/01	11/01 to 07/01
Municipal		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

Domestic	incidental
Irrigation	2006370 Acres Mixed Crop Types
Industrial	mixed type
Recreational	acquatic related 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	10254	104540
February	63814.8	89414.8
March	339656	63556
April	382465.6	125965.6
May	209845.5	218645.5
June	79026.5	190826.5
July	70047.5	258047.5
August	77602.7	190402.7
September	62744.2	112244.2
October	45124.7	99324.7
November	94506.3	85106.3
December	376970.6	202870.6
Total	1812058.4	1740944.4
Comments	water diversions and usage information under Application 013370	

9. Maximum Rate of Diversion for each Month

Month	Maximum Rate of Diversion (CFS)
January	1786
February	1634
March	1474
April	5430
May	4361.8
June	1991
July	1319.3
August	1857.3
September	1216.4
October	899.1
November	1742
December	5581

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	13.30	No	78.19	staff 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 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.

Attachments		
File Name	Description	Size
A013370.pdf	Folsom/Natoma operations under Application 013370	185 KB
CVPSUMMARY2012.pdf	2012 CVP Summary Report	15 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 2012 PERMITTEE REPORT

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

spillway elevation	475.4		
minimum elevation	405.32	date	12/31/11
maximum elevation	462.1	date	04/29/12
minimum elevation	397.21	date	11/17/12

Month	Amount collected to storage, AF1	Amount directly diverted, AF1,2	Amount collected to storage or directly diverted, AF1	Amount withdrawn from storage, AF2	Amount used, AF2	Maximum rate of direct diversion, cfs ³	Maximum rate of diversion to storage cfs ³	of combined direct and storage diversions, cfs
January	27,400.0	75,140.0	102,540.0	29,400.0	104,540.0	1,786.0	5,707.1	7,205.1
February	0.0	63,814.8	63,814.8	25,600.0	89,414.8	1,634.0	959.6	2,272.6
March	276,600.0	63,056.0	339,656.0	500.0	63,556.0	1,474.0	30,555.6	31,136.6
April	256,900.0	125,565.6	382,465.6	400.0	125,965.6	5,430.0	12,626.3	13,185.3
May	17,400.0	192,445.5	209,845.5	26,200.0	218,645.5	4,361.8	4,141.4	7,113.4
June	200.0	78,826.5	79,026.5	112,000.0	190,826.5	1,991.0	3,232.3	4,839.1
July	0.0	70,047.5	70,047.5	188,000.0	258,047.5	1,319.3	4,090.9	5,374.1
August	0.0	77,602.7	77,602.7	112,800.0	190,402.7	1,857.3	3,787.9	5,645.2
September	0.0	62,744.2	62,744.2	49,500.0	112,244.2	1,216.4	1,464.6	2,681.0
October	0.0	45,124.7	45,124.7	54,200.0	99,324.7	899.1	1,212.1	2,111.2
November	47,700.0	46,806.3	94,506.3	38,300.0	85,106.3	1,742.0	17,878.8	19,574.8
December	183,400.0	193,570.6	376,970.6	9,300.0	202,870.6	5,581.0	27,777.8	30,190.8
TOTAL	809,600.0	1,094,744.5	1,904,344.5	646,200.0	1,740,944.5	29,291.8	113,434.3	131,329.0

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 11315.

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 11315.

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

Summary of Central Valley Project Operations 1/
 Calendar Year 2012
 Inventory of Water Quantities in Acre-feet

SJC-110

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	76,680	- na -	- na -	1,146,126	- na -	- na -
Lewiston Lake and vicinity	2,296	- na -	- na -	52,904	620,826	- na -
Diversions from Lewiston Lake to Whiskeytown Lake	- na -	- na -	- na -	572,646	- na -	- na -
Trinity River Subtotal	78,976	- na -	- na -	1,771,676	620,826	- na -
Clear Creek						
Whiskeytown Lake ^{4/}	7,932	2,623	3,244	- na -	140,115	- na -
Diversions - Whiskeytown Lake to Keswick Reservoir	- na -	- na -	- na -	612,539	- na -	- na -
Clear Creek Subtotal	7,932	2,623	3,244	612,539	140,115	- na -
Sacramento River						
Shasta Lake	104,256	- na -	- na -	4,425,931	- na -	- na -
Keswick Reservoir	2,572	- na -	- na -	5,403,739	37,223	- na -
CVP Redding area (Keswick, Shasta, Bella Vista)	- na -	5,841	19,514	- na -	- na -	12,418
Sacramento Valley Canals	- na -	238,699	299	- na -	- na -	75,692 ^{5/}
Sacramento River Settlement Contractors	- na -	1,562,416 ^{6/}	83,820 ^{6/}	- na -	- na -	333,900 ^{7/}
Sacramento River Subtotal	106,828	1,806,956	103,633	9,829,670	37,223	422,010
American River						
Folsom Lake	30,301	0	95,565 ^{8/}	1,745,268	- na - ^{3/}	0
Lake Natoma	1,323	- na -	- na -	1,756,645	205,673	- na -
Folsom South Canal (from Lake Natoma)	- na -	- na -	28,850	- na -	- na -	- na -
Lower American River Diversions	- na -	- na -	44,380 ^{8/}	- na -	- na -	- na -
American River Subtotal	31,624	0	168,795	3,501,913	205,673	0
Stanislaus River						
New Melones Lake	50,845	- na -	- na -	936,465	452,958 ^{9/}	- na -
Stanislaus River ^{10/}	- na -	520,834 ^{8/}	45,282 ^{8/}	- na -	- na -	- na -
Stanislaus River Subtotal	50,845	520,834 ^{11/}	45,282	936,465	452,958	- 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	154,841	- na -	- na -	0
Delta Mendota and San Luis Canals						
Delta-Mendota Canal	- na -	88,972	6,018	- na -	- na -	93,411
Waterfowl Conservation	- na -	132,782	- na -	- na -	- na -	- na -
San Luis Reservoir ^{12/}	71,862	- na -	- na -	1,421,592	- na -	- na -
O'Neill Forebay ^{12/}	- na - ^{13/}	- na -	- na -	1,544,453	- na -	- na -
San Luis and Coalinga Canal	- na -	697,827	11,722	- na -	- na -	502,747 ^{14/}
Cross Valley Canal	- na -	2,215	0 ^{8/}	- na -	- na -	- na -
San Felipe Service Area (Pacheco Tunnel)	- na -	67,633	91,667	- na -	- na -	0 ^{15/}
Mendota Pool						
Mendota Pool and vicinity ^{16/ 17/}	- na -	49,558	- na -	- na -	- na -	32,866 ^{18/}
Waterfowl Conservation(Reported under San Luis Canal)	- na -	- na -	- na -	- na -	- na -	- nr -
Exchange Contract ^{19/ 17/}	- na -	640,468	- na -	- na -	- na -	219,264
Delta and Westside Subtotal	71,862	1,679,455	264,248	2,966,045	- na -	848,288
San Joaquin River						
Millerton Lake and vicinity	20,167	0	148	- na - ^{20/}	296,818 ^{21/}	- na - ^{22/}
Interim Restoration (Releases under P.L. 111-11)	- na -	- na -	- na -	- na -	174,100	- na -
Exchange Contract (Recapture under P.L. 111-11)	- na -	95,833	- na -	- na -	- na -	- na - ^{23/}
Friant-Kern Canal	- na -	445,391	31,297	- na -	- na -	665,058 ^{24/}
Madera Canal	- na -	114,975	- na -	- na -	- na -	71,014 ^{25/}
San Joaquin River Subtotal	20,167	656,199	31,445	- na -	470,918	736,072
Total - CVP	368,234	4,666,067	616,647	19,618,308	1,927,713	2,006,370

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).

19/ Represents the combined irrigation diversions and acres irrigated of Central California Irrigation District, Columbia Canal Co., and San Luis Canal Co.

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.