

[SUMMARY OF FINAL SUBMITTED VERSION]

PROGRESS REPORT BY PERMITTEE FOR 2014

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

Date Submitted: 07/07/2015

Application Number: A005626  
Permit Number: 012721

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

MAX Direct Diversion Rate: 8000 CFS  
MAX Collection to Storage: 3190000 AC-FT  
Face Value: 7998004 AC-FT

Permitted Use(s)	Acres	Direct Diversion Season	Storage Season
Domestic	0	09/01 to 06/30	10/01 to 06/30
Stockwatering	0	09/01 to 06/30	10/01 to 06/30
Other	0	09/01 to 06/30	10/01 to 06/30
Recreational	0	09/01 to 06/30	10/01 to 06/30
Municipal	0	09/01 to 06/30	10/01 to 06/30
Fish and Wildlife Protection and/or Enhancement	0	09/01 to 06/30	10/01 to 06/30
Irrigation	999999.9	09/01 to 06/30	10/01 to 06/30
Industrial	0	09/01 to 06/30	10/01 to 06/30

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 for extension of time on file with SWRCB. Reclamation is working with SWRCB staff toward licensing.
6f. Estimated date of completion	12/31/2030

7. Purpose of Use	
Domestic	Incidental
Irrigation	1049793 Acres Mixed Crop Types
Industrial	Mixed
Municipal	0
Recreational	Recreational activities at Shasta Lake
Stockwatering	Incidental
Fish and Wildlife Protection and/or Enhancement	Sacramento River, Delta flows
Other	Water Quality

8. Amount of Water Diverted and Used			
Month	Amount directly diverted (Acre-Feet)	Amount diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	0	0	8900
February	29376.1	118100	34076.1
March	29363	425400	29363
April	60111.6	210700	61111.6
May	64247.2	0	295847.2
June	0	0	325900
July	0	0	276300
August	0	0	232900
September	0	0	185000
October	0	0	51100
November	31252.9	0	91252.9
December	22705.2	819400	22705.2
Total	237056	1573600	1614456
Comments			

Water Transfers	

8e. Water transfered	No
8f. Quantity transfered (Acre-Feet)	
8g. Dates which transfer occurred	/ to /
8h. Transfer approved by	USBR

Water Supply Contracts	
8i. Water supply contract	No
8j. Contract with	
8k. Other provider	
8l. Contract number	
8m. Source from which contract water was diverted	
8n. Point of diversion same as identified water right	
8o. Amount (Acre-Feet) authorized to divert under this contract	
8p. Amount (Acre-Feet) authorized to be diverted in 2014	
8q. Amount (Acre-Feet) projected for 2015	
8r. Exchange or settlement of prior rights	
8s. All monthly reported diversion claimed under the prior rights	
8t. Amount (Acre-Feet) of reported diversion solely under contract	

9. Maximum Rate of Diversion for each Month	
Month	Maximum Rate of Diversion (CFS)
January	0
February	10393.5
March	21049.9
April	14092.8
May	1081.6
June	0
July	0
August	0
September	0
October	0
November	526.1
December	66745.9

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
Shasta Lake	No	96.54	No	186.71	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	
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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
Diversions to storage only reported in second column. Amount used represents storage withdrawals plus direct diversion to consumptive use only. Storage and diversion were distributed in order of permit/license priority. Individual contractors implement conservation measures. Reclamation also maintains an annual grant program to support conservation activities. Attached files represent official submittal of Reclamation. The irrigated acreage numbers do not include Districts which did not timely report. Municipal use figures not provided by contractors. Reclamation does not report water diverted under settlement contractors' underlying water rights; rather Reclamation reports diversion of project water only. CVP summary attached. Data are provisional.

Attachments		
File Name	Description	Size
<a href="#">A5626 2014 Report.pdf</a>		181 KB
<a href="#">CVPSUMMARY2014.pdf</a>		46 KB

Contact Information of the Person Submitting the Form	
First Name	Robert
Last Name	Colella
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

**Shasta Reservoir**  
**Operations under Application 005626/Permit 012721**

spillway elevation	1076.2		
minimum elevation	935.99	date	1/5/2014
maximum elevation	979.66	date	4/28/2014
minimum elevation	889.49	date	11/29/2014

	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, cfs3	Maximum rate of diversion to storage cfs3	Maximum rate of combined direct and storage diversions, cfs
Jan	0.0	169,674.2	169,674.2	8,900.0	178,574.2	3,343.0	0.0	3,343.0
Feb	118,100.0	162,863.4	280,963.4	4,700.0	167,563.4	4,079.0	9,899.0	12,031.0
Mar	425,400.0	143,466.8	568,866.8	0.0	143,466.8	3,661.0	20,555.6	21,987.6
Apr	210,700.0	143,112.4	353,812.4	1,000.0	144,112.4	3,773.0	13,080.8	14,207.8
May	0.0	189,886.6	189,886.6	231,600.0	421,486.6	3,666.8	0.0	3,666.8
Jun	0.0	142,659.1	142,659.1	325,900.0	468,559.1	2,942.6	0.0	2,942.6
Jul	0.0	0.0	0.0	276,300.0	276,300.0	0.0	0.0	2,506.9
Aug	0.0	0.0	0.0	232,900.0	232,900.0	0.0	0.0	2,873.3
Sep	0.0	36,389.7	36,389.7	185,000.0	221,389.7	1,170.6	0.0	1,170.6
Oct	0.0	133,002.4	133,002.4	51,100.0	184,102.4	4,519.0	0.0	4,519.0
Nov	0.0	185,648.7	185,648.7	60,000.0	245,648.7	4,345.0	0.0	4,730.6
Dec	819,400.0	110,541.4	929,941.4	0.0	110,541.4	3,566.0	66,363.6	66,659.6
<b>TOTAL</b>	1,573,600.0	1,417,244.8	2,990,844.8	1,377,400.0	2,794,644.8			

1 These two columns are combined to provide the numbers reported as "Amount directly diverted or collected to

2 These two columns are combined to provide the numbers reported as "Amount used". The withdrawals from storage

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 2014  
Inventory of Water Quantities in Acre-feet

SJC-168

Facilities and Area of Use	Reservoir Evaporation	Irrigation Diversions	M & I Deliveries	Power Use <u>2/</u>	River Release <u>3/</u>	Acres Irrigated
<b>Trinity River</b>						
Clair Engle Lake and vicinity	29,859	- na -	- na -	922,767	- na -	- na -
Lewiston Lake and vicinity	2,581	- na -	- na -	631	442,120	- na -
Diversions from Lewiston Lake to Whiskeytown Lake	- na -	- na -	- na -	602,864	- na -	- na -
<b>Trinity River Subtotal</b>	<b>32,440</b>	<b>- na -</b>	<b>- na -</b>	<b>1,526,262</b>	<b>442,120</b>	<b>- na -</b>
<b>Clear Creek</b>						
Whiskeytown Lake <u>4/</u>	8,800	767	1,352	- na -	142,838	- na -
Diversions - Whiskeytown Lake to Keswick Reservoir	- na -	- na -	- na -	547,908	- na -	- na -
<b>Clear Creek Subtotal</b>	<b>8,800</b>	<b>767</b>	<b>1,352</b>	<b>547,908</b>	<b>142,838</b>	<b>- na -</b>
<b>Sacramento River</b>						
Shasta Lake	67,115	0	895	3,075,911	- na -	- na -
Keswick Reservoir	2,561	- na -	- na -	3,722,315	45,629	- na -
CVP Redding area (Keswick, Shasta, Bella Vista)	- na -	2,380	11,125	- na -	- na -	9,193
Sacramento Valley Canals	- na -	107,288	104	- na -	- na -	81,643 <u>5/</u>
Sacramento River Settlement Contractors	- na -	1,210,638 <u>6/</u>	68,584 <u>6/</u>	- na -	- na -	332,651 <u>7/</u>
<b>Sacramento River Subtotal</b>	<b>69,676</b>	<b>1,320,306</b>	<b>79,813</b>	<b>6,798,226</b>	<b>45,629</b>	<b>423,487</b>
<b>American River</b>						
Folsom Lake	25,126	0	19,252 <u>8/</u>	781,943	- na - <u>3/</u>	- na -
Lake Natoma	1,357	- na -	- na -	762,794	78,961	- na -
Folsom South Canal (from Lake Natoma)	- na -	- na -	18,644	- na -	- na -	- na -
Lower American River Diversions	- na -	- na -	31,889 <u>8/</u>	- na -	- na -	- na -
<b>American River Subtotal</b>	<b>26,483</b>	<b>0</b>	<b>69,785</b>	<b>1,544,737</b>	<b>0</b>	<b>0</b>
<b>Stanislaus River</b>						
New Melones Lake	33,049	- na -	- na -	814,435	2,055 <u>9/</u>	- na -
Stanislaus River <u>10/</u>	- na -	467,787 <u>8/</u>	37,600 <u>8/</u>	- na -	- na -	- na -
<b>Stanislaus River Subtotal</b>	<b>33,049</b>	<b>467,787 <sup>11/</sup></b>	<b>37,600</b>	<b>814,435</b>	<b>2,055</b>	<b>- na -</b>

Facilities and Area of Use	Reservoir Evaporation	Irrigation Diversions	M & I Deliveries	Power Use <sup>2/</sup>	River Release <sup>3/</sup>	Acres Irrigated
<b>Delta and Westside of San Joaquin Valley</b>						
Contra Costa Canal and Contra Loma Reservoir	- na -	0	97,926	- na -	- na -	0
<b>Delta Mendota and San Luis Canals</b>						
Delta-Mendota Canal	- na -	20,554	5,178	- na -	- na -	30,952 <sup>12/</sup>
Waterfowl Conservation	- na -	115,202	- na -	- na -	- na -	- na -
San Luis Reservoir <sup>13/</sup>	71,862	- na -	- na -	690,286	- na -	- na -
O'Neill Forebay <sup>13/</sup>	- na - <sup>14/</sup>	- na -	- na -	197,985	- na -	- na -
San Luis and Coalinga Canal	- na -	177,572	9,667	- na -	- na -	385,530 <sup>15/</sup>
Cross Valley Canal	- na -	2,644	0 <sup>8/</sup>	- na -	- na -	- na -
San Felipe Service Area (Pacheco Tunnel)	- na -	4,250	64,983	- na -	- na -	636 <sup>16/</sup>
<b>Mendota Pool</b>						
Mendota Pool and vicinity <sup>17/ 18/</sup>	- na -	52,727	- na -	- na -	- na -	9,916 <sup>19/</sup>
Waterfowl Conservation(Reported under San Luis Canal)	- na -	- na -	- na -	- na -	- na -	- nr -
Exchange Contract <sup>20/ 18/</sup>	- na -	49,873	- na -	- na -	- na -	<sup>21/</sup>
<b>Delta and Westside Subtotal</b>	<b>71,862</b>	<b>422,822</b>	<b>177,754</b>	<b>888,271</b>	<b>- na -</b>	<b>427,034</b>
<b>San Joaquin River</b>						
Millerton Lake and vicinity	17,186	87	106	- na - <sup>22/</sup>	404,490 <sup>23/</sup>	- na - <sup>24/</sup>
Restoration (Releases under P.L. 111-11)	- na -	- na -	- na -	- na -	19,260	- na -
Exchange Contract (Millerton Releases) <sup>19/ 17/</sup>	- na -	442,793	- na -	- na -	- na -	199,908 <sup>21/</sup>
Exchange Contract (Recapture under P.L. 111-11)	- na -	11,239	- na -	- na -	- na -	- na - <sup>25/</sup>
Friant-Kern Canal	- na -	84,669	3,076	- na -	- na -	465,637 <sup>26/</sup>
Madera Canal	- na -	27,165	0	- na -	- na -	0 <sup>27/</sup>
<b>San Joaquin River Subtotal</b>	<b>17,186</b>	<b>565,953</b>	<b>3,182</b>	<b>- na -</b>	<b>423,750</b>	<b>665,545</b>
<b>Total - CVP</b>	<b>259,496</b>	<b>2,777,635</b>	<b>369,486</b>	<b>12,119,839</b>	<b>1,056,392</b>	<b>1,516,066</b>

**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, Thomes Creek WD, and La Grande WD

6/ Total delivery under water right settlement contracts and contractors water rights.

7/ Does not include irrigated acreage in 4-E WD and Natomas Central MWC.

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/ Does not include irrigated acreage in Banta-Carbona ID, Del Puerto WD and Patterson WD (did not report in time).

13/ Joint State/Federal use facility.

14/ The total amount of Reservoir Evaporation is unavailable.

15/ Does not include irrigated acreage in Pacheco WD and Panoche WD (did not report in time).

16/ Does not include irrigated acreage in San Benito County WD (did not report in time).

17/ All contractors include water right settlement contractors except Exchange Contractors below

18/ Water diverted directly from San Joaquin River is under water rights of settlement contractors.

19/ 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).

20/ 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.

21/ Exchange contractor collective acreage reported in San Joaquin River Subtotal. Does not include irrigated acreage in Firebaugh Canal WD (did not report in time).

22/ Generation facilities at Friant Dam and associated water rights are not operated or held by Reclamation.

23/ Releases include water for water right Settlement Contracts between Friant and Gravelly Ford, and for Exchange Contractors.

24/ Total area in water right settlement contracts.

25/ Acres irrigated incorporated in Mendota Pool figure.

26/ Does not include irrigated acreage in Elano-Earlimart ID, Garfield WD, Pixley ID, and Southern San Joaquin MUD. Includes cross valley canal.

27/ Madera Canal diverters did not report acreage in time for this report.

Filename: CVPSUMMARY2014