

[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: 06/27/2014

Application Number: A017376
Permit Number: 012364

Source(s) of Water	POD Parcel Number	County
CLEAR CREEK		Contra Costa
CLEAR CREEK		Contra Costa
CLEAR CREEK		Shasta

MAX Direct Diversion Rate: 3600 CFS
MAX Collection to Storage: 250000 AC-FT
Face Value: 1335371.2 AC-FT

Permitted Use(s)	Acres	Direct Diversion Season	Storage Season
Industrial		11/01 to 04/01	11/01 to 04/01
Irrigation	999999.9	11/01 to 04/01	11/01 to 04/01
Municipal		11/01 to 04/01	11/01 to 04/01
Recreational	0	11/01 to 04/01	11/01 to 04/01
Domestic	0	11/01 to 04/01	11/01 to 04/01

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 for extension of time to put water to beneficial use is on file with the SWRCB.
6f. Estimated date of completion	12/31/2030

7. Purpose of Use	
Domestic	incidental
Irrigation	959323 Acres Mixed Crop Types
Industrial	Mixed
Municipal	0
Recreational	Recreation at Whiskeytown Lake
Fish and Wildlife Protection and/or Enhancement	Clear Creek, Delta
Other	Salinity Control

8. Amount of Water Diverted and Used		
Month	Amount directly diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	2593.8	3893.8
February	700	1100
March	2700	1400
April	27588	1388
May	8669.3	1769.3
June	1946.8	4646.8
July	308.9	408.9
August	2849.8	1549.8
September	492	892
October	489.1	6189.1
November	13462	38962
December	1897.9	2697.9
Total	63697.6	64897.6
Comments		

9. Maximum Rate of Diversion for each Month	
Month	Maximum Rate of Diversion (CFS)
January	494
February	214
March	186
April	424.8
May	2373.7
June	365
July	90
August	136
September	103.5
October	196.5
November	710
December	82

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
Whiskeytown Lake	No	0.73	No	11.71	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	

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 are submitted provisionally, as an attempt to discretize 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. Individual contractors implement conservation measures. Reclamation also maintains an annual grant program to support conservation activities. Attached files represent the official submittal of Reclamation. The irrigated acreage number does not include any Districts which did not timely report. Municipal population figures not provided by contractors. CVP Summary attached.

Attachments		
File Name	Description	Size
CVPSUMMARY2013.pdf		45 KB
A17376 2013 Report.pdf		187 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

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

SJC-160

Facilities and Area of Use	Reservoir Evaporation	Irrigation Diversions	M & I Deliveries	Power Use <u>2/</u>	River Release <u>3/</u>	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 <u>4/</u>	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 <u>5/</u>
Sacramento River Settlement Contractors	- na -	1,735,351 <u>6/</u>	76,797 <u>6/</u>	- na -	- na -	333,900 <u>7/</u>
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 <u>8/</u>	1,508,851	- na - <u>3/</u>	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 <u>8/</u>	- 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 <u>9/</u>	- na -
Stanislaus River <u>10/</u>	- na -	541,064 <u>8/</u>	46,087 <u>8/</u>	- na -	- na -	- na -
Stanislaus River Subtotal	45,090	541,064 <u>11/</u>	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

Whiskeytown Lake

Operations under Application 017376/Permit 012364

spillway elevation	1210			
minimum elevation	1,197.99	date	11/7/2012	12.01
maximum elevation	1,209.27	date	5/31/2013	0.73
minimum elevation	1,198.29	date	12/31/2013	11.71

	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
Jan	0.0	2,593.8	2,593.8	1,300.0	3,893.8	494.0	0.0	494.0
Feb	700.0	0.0	700.0	1,100.0	1,100.0	0.0	214.0	214.0
Mar	2,700.0	0.0	2,700.0	1,400.0	1,400.0	0.0	186.0	186.0
Apr	26,700.0	888.0	27,588.0	500.0	1,388.0	424.8	422.0	424.8
May	8,600.0	69.3	8,669.3	1,700.0	1,769.3	23.0	2,373.7	2,373.7
Jun	0.0	1,946.8	1,946.8	2,700.0	4,646.8	365.0	0.0	365.0
Jul	0.0	308.9	308.9	100.0	408.9	90.0	0.0	90.0
Aug	1,900.0	949.8	2,849.8	600.0	1,549.8	136.0	9.0	136.0
Sep	0.0	492.0	492.0	400.0	892.0	103.5	0.0	103.5
Oct	100.0	389.1	489.1	5,800.0	6,189.1	196.5	0.0	196.5
Nov	0.0	13,462.0	13,462.0	25,500.0	38,962.0	710.0	0.0	710.0
Dec	1,100.0	797.9	1,897.9	1,900.0	2,697.9	82.0	8.0	82.0
TOTAL	41,800.0	21,897.6	63,697.6	43,000.0	64,897.6			

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 12365.

² These two columns are combined to provide the numbers reported as "Amount used". The withdrawals from storage are also reported under Permit 12365.

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