

[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: A017376
 Permit Number: 012364

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

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
Domestic	0	11/01 to 04/01	11/01 to 04/01
Industrial		11/01 to 04/01	11/01 to 04/01
Irrigation	999999.9	11/01 to 04/01	11/01 to 04/01
Recreational	0	11/01 to 04/01	11/01 to 04/01
Municipal Irrigation		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 to extend time to put to beneficial use has been filed.
6f. Estimated date of completion	12/31/2030

7. Purpose of Use

Domestic	incidental
Irrigation	2006370 Acres Mixed Crop Types
Industrial	mixed
Municipal	0
Recreational	Recreation at Whiskeytown Lake
Stockwatering	incidental
Fish and Wildlife Protection and/or Enhancement	Clear Creek, Delta
Other	salinity

8. Amount of Water Diverted and Used

Month	Amount directly diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	2441.4	4241.4
February	1669.1	1790.9
March	37982.9	21631.6
April	40232.3	32008.2
May	1839.3	3939.3
June	457.4	657.4
July	787.6	787.6
August	672.7	672.7
September	1801.9	3001.9
October	54.6	28354.9
November	7168.2	8432.6
December	16286.4	17686.4
Total	111393.8	123204.9
Comments		

9. Maximum Rate of Diversion for each Month

Month	Maximum Rate of Diversion (CFS)
January	475
February	249
March	3167.7
April	3363.2
May	265
June	60
July	84
August	72
September	266
October	27.6
November	2002

December	5454.5
----------	--------

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	0.71	No	12.14	staff gauge reading

Conservation of Water	
11. Are you now employing water conservation efforts?	Yes
Description of water conservation efforts	Reclamation encourages conservation through financial grants.
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
Data on municipal population not collected from contractors. Not all irrigated acres reported in time. Breakdown of diversions to storage and direct diversions attached. CVP summary attached.

Attachments		
File Name	Description	Size
CVPSUMMARY2012.pdf	CVP Summary 2012	16 KB
A017376 Attachment 2012.pdf	Breakdown of 2012 diversions	37 KB

Contact Information of the Person Submitting the Form	
First Name	Lisa
Last Name	Holm
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

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

SJC-159

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.

ATTACHMENT TO 2012 PERMITTEE REPORT

Whiskeytown Lake
Operations under Application 017376/Permit 012364

spillway elevation	1210			
minimum elevation	1,197.86	date	1/8/2012	12.14
maximum elevation	1,209.29	date	9/22/2012	0.71
minimum elevation	1,197.99	date	11/7/2012	12.01

	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	200.0	2,241.4	2,441.4	2,000.0	4,241.4	475.0	50.5	475.0
Feb	178.2	1,490.9	1,669.1	300.0	1,790.9	249.0	90.0	249.0
Mar	16,851.3	21,131.6	37,982.9	500.0	21,631.6	1,400.0	2,474.7	3,167.7
Apr	15,224.1	25,008.2	40,232.3	7,000.0	32,008.2	1,343.0	2,020.2	3,363.2
May	0.0	1,839.3	1,839.3	2,100.0	3,939.3	265.0	0.0	265.0
Jun	0.0	457.4	457.4	200.0	657.4	60.0	0.0	60.0
Jul	0.0	787.6	787.6	0.0	787.6	84.0	0.0	84.0
Aug	0.0	672.7	672.7	0.0	672.7	72.0	0.0	72.0
Sep	0.0	1,801.9	1,801.9	1,200.0	3,001.9	266.0	0.0	266.0
Oct	0.0	54.6	54.6	28,300.0	28,354.6	27.6	0.0	27.6
Nov	1,635.6	5,532.6	7,168.2	2,900.0	8,432.6	1,901.0	422.0	2,002.0
Dec	12,000.0	4,286.4	16,286.4	13,400.0	17,686.4	858.6	5,454.5	5,454.5
TOTAL	46,089.1	65,304.7	111,393.9	57,900.0	123,204.7			

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

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.