

**[SUMMARY OF FINAL SUBMITTED VERSION]****PROGRESS REPORT BY PERMITTEE FOR 2011**

Primary Owner: U.S. BUREAU OF RECLAMATION

Application Number: A005628

Permit Number: 011967

Date Submitted: 06/28/2012

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	1519843 Acres Mixed Crop Types
Industrial	mixed
Municipal	0
Recreational	aquatic activities at Clair Engle Lake
Stockwatering	incidental
Fish and Wildlife Protection and/or Enhancement	Trinity River, Sacramento River, Delta
Other	salinity control

8. Amount of Water Diverted and Used		
Month	Amount directly diverted or collected to storage	Amount used

	(Acre-Feet)	(Acre-Feet)
January	119631.3	3631.3
February	74515.4	4615.4
March	221700.5	4900.5
April	212578.6	6078.6
May	28400	70900
June	221308.9	73908.9
July	97730.4	139630.4
August	73568.8	171268.8
September	79002.8	192002.8
October	83523.3	185023.3
November	82131.2	172531.2
December	30404.9	72604.9
Total	1324496.1	1097096.1

9. Maximum Rate of Diversion for each Month	
Month	Maximum Rate of Diversion (CFS)
January	5299.5
February	3769.3
March	8072.3
April	5684.6
May	4393.9
June	8607.2
July	2605.6
August	1386
September	1691
October	1675
November	1540
December	1533

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
Clair Engle Lake	No	1.31	No	50.23	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
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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 is submitted provisionally, as an attempt to discretize CVP 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. Because of the combined place of use, storage and diversions were distributed in order of permit/license priority. Direct diversions include fish and wildlife flows. Los Vaqueros diversions are accounted for under CVP storage and diversions, as is a portion of San Luis Reservoir Storage. Reclamation does not have population numbers for 2011 CVP contract deliveries (outside of acre-feet served). Per the CPOU, the entire irrigated acreage estimate available (without all districts reporting) is 1,950,217 acres. Reservoir levels are reported for the primary reservoir. Other CVP permits can be consulted for additional reservoir level information. Individual contractors implement conservation measures, but that information was not collected in time to submit with this report. Reclamation also maintains an annual grant program to support conservation activities. Contra Costa Water District conservation data is reported on A009366, A009367, and A015374, but may have bearing on other CVP permits which support redirection to Los Vaqueros Reservoir and delivery to their service area. Attached are two files which represent the official submittal of Reclamation.

#### Attachments

File Name	Description	Size
<a href="#">A005628 Provisional Attachment 2011.pdf</a>	Breakdown of storage and direct diversions	45 KB
<a href="#">Trinity TReport 2011.pdf</a>	2011 Operations Summary	62 KB
<a href="#">CVPSUMMARY2011.pdf</a>	2011 CVP Summary	16 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

## ATTACHMENT TO 2011 PERMITTEE REPORT

## Clair Engle Lake

## Operations under Application 005628/Permit 011967

spillway elevation	2370			
minimum elevation	2,301.18	date	10/22/2010	68.82
maximum elevation	2,368.69	date	7/6/2011	1.31
minimum elevation	2,336.00	date	1/17/2012	34.00

	Amount collected to storage, AF <sup>1</sup>	Amount directly diverted, AF <sup>1,2</sup>	Amount collected to storage or directly diverted, AF <sup>1</sup>	Amount withdrawn from storage, AF <sup>2</sup>	Amount used, AF <sup>2</sup>	Maximum rate of direct diversion, cfs <sup>3</sup>	Maximum rate of diversion to storage cfs <sup>3</sup>	Maximum rate of combined direct and storage diversions, cfs
Jan	116,000.0	3,631.3	119,631.3	0.0	3,631.3	404.0	5,252.5	5,299.5
Feb	69,900.0	4,615.4	74,515.4	0.0	4,615.4	638.0	3,131.3	3,769.3
Mar	216,800.0	4,900.5	221,700.5	0.0	4,900.5	254.0	7,929.3	8,072.3
Apr	206,500.0	6,078.6	212,578.6	0.0	6,078.6	572.0	5,555.6	5,684.6
May	28,400.0	0.0	28,400.0	70,900.0	70,900.0	0.0	4,393.9	4,393.9
Jun	147,400.0	73,908.9	221,308.9	0.0	73,908.9	1,890.0	6,717.2	8,607.2
Jul	6,700.0	91,030.4	97,730.4	48,600.0	139,630.4	1,998.0	959.6	2,605.6
Aug	0.0	73,568.8	73,568.8	97,700.0	171,268.8	1,386.0	0.0	1,386.0
Sep	0.0	79,002.8	79,002.8	113,000.0	192,002.8	1,691.0	0.0	1,691.0
Oct	0.0	83,523.3	83,523.3	101,500.0	185,023.3	1,675.0	0.0	1,675.0
Nov	0.0	82,131.2	82,131.2	90,400.0	172,531.2	1,540.0	0.0	1,540.0
Dec	0.0	30,404.9	30,404.9	42,200.0	72,604.9	1,533.0	0.0	1,533.0
<b>TOTAL</b>	791,700.0	532,796.2	1,324,496.2	564,300.0	1,097,096.2			

<sup>1</sup> 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 11966.

<sup>2</sup> These two columns are combined to provide the numbers reported as "Amount used". The withdrawals from storage are also reported under Permit 11966.

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

2011

## Trinity River Division - Central Valley Project

Trinity Lake/Lewiston Reservoir/Whiskeytown Lake - Operational Summary; Units: Acre-feet

		Trinity Lake							Lewiston Reservoir						Whiskeytown Lake						
Year	Month	EOM Storage	Change in Storage	Release Power	Release Spill	Release Outlet	Release Total	Evap.	Release Power	Release Spill	Release Outlet	Total Trinity River	Carr P.P to Whiskeytown	Evap.	EOM Storage	Change in Storage	Release Spill	Release Outlet	Total to Clear Cr.	Spring Cr. Power P	Evap.
2010	Oct	1,494,600	-62,900	100,064	0	0	100,064	2,233	4,919	14,242	4,919	24,080	77,926	137	218,100	-19600	0	12,085	12,085	87,952	359
2010	Nov	1,535,600	41,000	21,216	0	278	21,494	829	2,981	8,959	6,411	18,351	6,236	46	205,400	-12,500	0	11,715	11,715	14,041	46
2010	Dec	1,705,300	169,800	16,941	0	0	16,941	557	4,780	9,166	5,058	19,004	3,937	22	206,700	1,400	0	12,173	12,173	31,899	0
2011	Jan	1,821,300	116,100	18,322	0	0	18,322	504	3,822	8,392	6,004	18,218	4,060	28	199,900	-7,000	0	12,193	12,193	23,019	0
2011	Feb	1,891,200	69,900	16,538	0	706	17,244	912	2,620	11,316	2,620	16,556	5,108	46	204,800	5,000	0	11,010	11,010	17,465	63
2011	Mar	2,108,000	216,800	13,248	0	579	13,827	1,168	4,701	10,491	3,519	18,711	4,909	60	234,700	30,000	0	12,199	12,199	73,094	48
2011	Apr	2,314,500	206,600	33,271	0	1265	34536	3,344	4,572	22,356	1,676	28,604	7,924	171	226,200	-8,500	0	12,064	12,064	62,236	458
2011	May	2,272,000	-42,200	198,874	0	110,715	309589	5,086	1,033	324,598	817	326,448	11,953	234	239,300	1,700	0	15,007	15,007	11,002	756
2011	Jun	2,419,400	147,500	198,076	0	678	198754	6,567	4,754	147,802	2,575	155,131	80,338	282	239,200	-300	0	13,105	13,105	83,658	912
2011	Jul	2,377,500	-41,700	161,062	0	571	161633	7,976	4,917	59,309	3,814	68,040	97,910	355	237,700	-1,400	0	7,805	7,805	96,692	1,416
2011	Aug	2,279,800	-97,600	118,225	0	4	118229	7,882	4,919	28,884	3,812	37,615	80,635	365	236,400	-1,700	0	7,779	7,779	74,562	1,613
2011	Sept	2,166,800	-113,100	121,472	0	0	121472	5,538	4,750	19,649	3,683	28,082	92,328	272	224,900	-11,500	0	10,013	10,013	90,987	1,202
2011	Oct	2,065,300	-101,700	116,580	0	5778	122358	2,095	4,919	14,077	4,334	23,330	99,322	97	206,700	-18,200	0	13,896	13,896	104,302	228
2011	Nov	1,974,900	-90,500	110,626	0	0	110626	815	4,754	9,666	4,167	18,587	92,846	42	205,600	-1,200	0	12,563	12,563	83,860	81
2011	Dec	1,935,800	-39,200	56,010	0	0	56010	280	4,919	9,275	4,919	19,113	41,576	14	204,300	-1,600	0	12,488	12,488	32,186	133
Total - Water Year			610,200	1,017,309	0	114,796	1,132,105	42,596	48,768	665,164	44,908	758,840	473,264	2,018	2,673,300	-24,400	0	137,148	137,148	666,607	6,873
Total - Calendar Year			230,900	1,162,304	0	120,296	1,282,600	42,167	50,680	665,815	41,940	758,435	618,909	1,966	2,659,700	-14,700	0	140,122	140,122	753,063	6,910

Trinity Lake	Date	Storage
Begin Calendar Year	01/01/11	1,708,400
Minimum Storage	10/22/10	1,476,200
Maximum Storage	07/06/11	2,426,100
End Calendar Year	12/31/11	1,935,800
Diversion to Storage		949,900

Summary of Central Valley Project Operations 1/  
Calendar Year 2011  
Inventory of Water Quantities in Acre-feet

SJC-123

Facilities and Area of Use	Reservoir Evaporation	Irrigation Diversions	M & I Deliveries	Power Use <u>14/</u>	River Release <u>2/</u>	Acres Irrigated
<b>Trinity River</b>						
Clair Engle Lake and vicinity	42,617	- na -	- na -	1,162,304	- na -	- na -
Lewiston Lake and vicinity	1,966	- na -	- na -	50,680	758,435	- na -
Diversions from Lewiston Lake to Whiskeytown Lake	- na -	- na -	- na -	618,909	- na -	- na -
<b>Trinity River Subtotal</b>	<b>44,583</b>	<b>- na -</b>	<b>- na -</b>	<b>1,831,893</b>	<b>758,435</b>	<b>- na -</b>
<b>Clear Creek</b>						
Whiskeytown Lake <u>3/</u>	6,910	2,206	1,698	- na -	140,122	- na -
Diversions - Whiskeytown Lake to Keswick Reservoir	- na -	- na -	- na -	753,063	- na -	- na -
<b>Clear Creek Subtotal</b>	<b>6,910</b>	<b>2,206</b>	<b>1,698</b>	<b>753,063</b>	<b>140,122</b>	<b>- na -</b>
<b>Sacramento River</b>						
Shasta Lake	99,873	- na -	- na -	5,492,459	- na -	- na -
Keswick Reservoir	2,287	- na -	- na -	6,107,775	7,194,653	- na -
CVP Redding area (Keswick, Shasta, Bella Vista)	- na -	4,727	16,579	- na -	- na -	14,043
Sacramento Valley Canals	- na -	193,712	239	- na -	- na -	124,234
Sacramento River Settlement Contractors	- na -	229,296 <u>4/</u>	1,584 <u>4/</u>	- na -	- na -	367,066
<b>Sacramento River Subtotal</b>	<b>102,160</b>	<b>427,735</b>	<b>18,402</b>	<b>11,600,234</b>	<b>7,194,653</b>	<b>505,343</b>
<b>American River</b>						
Folsom Lake	25,038	0	60,794 <u>5/</u>	2,777,377	- na - <u>2/</u>	0
Lake Natoma	983	- na -	- na -	2,617,222	4,102,248	- na -
Folsom South Canal (from Lake Natoma)	- na -	- na -	3,289	- na -	- na -	- na -
Lower American River Diversions	- na -	- na -	0 <u>5/</u>	- na -	- na -	- na -
<b>American River Subtotal</b>	<b>26,021</b>	<b>0</b>	<b>64,083</b>	<b>5,394,599</b>	<b>4,102,248</b>	<b>0</b>
<b>Stanislaus River</b>						
New Melones Lake	49,716	- na -	- na -	1,424,871	1,424,871 <u>12/</u>	- na -
Stanislaus River <u>13/</u>	- na -	524,708 <u>5/</u>	47,574 <u>5/</u>	- na -	- na -	- na -
<b>Stanislaus River Subtotal</b>	<b>49,716</b>	<b>524,708 <u>6/</u></b>	<b>47,574</b>	<b>1,424,871</b>	<b>1,424,871</b>	<b>- na -</b>

Facilities and Area of Use	Reservoir Evaporation	Irrigation Diversions	M & I Deliveries	Power Use <u>14/</u>	River Release <u>2/</u>	Acres Irrigated <u>13</u>
<b>Delta and Westside of San Joaquin Valley</b>						
Contra Costa Canal and Contra Loma Reservoir	- na -	0	96,202	- na -	- na -	0
<b>Delta Mendota and San Luis Canals</b>						
Delta-Mendota Canal	- na -	121,753	6,144	- na -	- na -	98,025 <u>19/</u>
Waterfowl Conservation	- na -	272,778	- na -	- na -	- na -	- na -
San Luis Reservoir J/	71,665	- na -	- na -	289,164	- na -	- na -
O'Neill Forebay J/	- na - <u>11/</u>	- na -	- na -	2,034	- na -	- na -
San Luis and Coalinga Canal	- na -	1,129,847	11,591	- na -	- na -	666,791
Cross Valley Canal	- na -	1,001	41 <u>5/</u>	- na -	- na -	- na -
San Felipe Service Area (Pacheco Tunnel)	- na -	48,089	63,155	- na -	- na -	759 <u>21/</u>
<b>Mendota Pool</b>						
Mendota Pool and vicinity <u>7/ 8/</u>	- na -	49,455	- na -	- na -	- na -	32,466 <u>9/</u>
Waterfowl Conservation(Reported under San Luis Canal)	- na -	- na -	- na -	- na -	- na -	- nr -
Exchange Contract <u>10/ 8/</u>	- na -	724,940	- na -	- na -	- na -	216,459
<b>Delta and Westside Subtotal</b>	<b>71,665</b>	<b>2,347,863</b>	<b>177,133</b>	<b>291,198</b>	<b>- na -</b>	<b>1,014,500</b>
<b>San Joaquin River</b>						
Millerton Lake and vicinity	19,500	455	148	- na - <u>15/</u>	1,278,808 <u>16/</u>	- na - <u>17/</u>
Interim Restoration (Releases under P.L. 111-11)	- na -	- na -	- na -	- na -	61,165	- na -
Exchange Contract (Recapture under P.L. 111-11)	- na -	29,602	- na -	- na -	- na -	- na - <u>18/</u>
Friant-Kern Canal	- na -	1,236,950	66,487	- na -	- na -	768,461 <u>20/</u>
Madera Canal	- na -	268,609	- na -	- na -	- na -	180,044
<b>San Joaquin River Subtotal</b>	<b>19,500</b>	<b>1,535,616</b>	<b>66,635</b>	<b>- na -</b>	<b>1,339,973</b>	<b>948,505</b>
<b>Total - CVP</b>	<b>320,555</b>	<b>4,838,128</b>	<b>375,525</b>	<b>21,295,858</b>	<b>14,960,302</b>	<b>2,468,348</b>

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

- 1/ Does not include water quantities and acreage for either American River Division or Black Butte Unit.
- 2/ 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.
- 3/ M & I use by Clear Creek Community Service District.
- 4/ Total delivery under water right settlement contracts; includes water under contractors water rights.
- 5/ Includes water under water service and water right settlement contracts; some of this water includes water under contractors water rights.
- 6/ Stanislaus River Irrigation Diversions include releases reported from Goodwin Reservoir Daily Operations, Joint Main & South Main Canal Releases.
- 7/ All contractors including water right settlement contractors except Exchange Contractors below
- 8/ Water diverted directly from San Joaquin River is under water rights of settlement contractors.
- 9/ Does not include irrigated acreage in Coelho Family Trust , Dudley, and Fresno Slough Water District.
- 10/ Represents the combined irrigation diversions and acres irrigated of Central California Irrigation District, Columbia Canal Co., Firebaugh Canal Co., and San Luis Canal Co.
- 11/ The total amount of Reservoir Evaporation is unavailable. 12/ River release is made at Goodwin Dam.
- 13/ Water service contract and water right settlement deliveries are made at Goodwin Dam.
- 14/ Releases made through power generation facilities. Though these releases are totaled, the same water may pass through multiple facilities.
- 15/ Generation facilities at Friant Dam and associated water rights are not operated or held by Reclamation.
- 16/ Releases include water for water right Settlement Contracts between Friant and Gravelly Ford.
- 17/ Total area in water right settlement contracts. 18/ Acres irrigated incorporated in Mendota Pool figure.
- 19/ Does not include irrigated acreage in Plain View WD.
- 20/ Does not include irrigated acreage in Garfield WD, Porterville ID, and Stone Corral ID.
- 21/ Does not include irrigated acreage in San Benito County WD.

J/ Joint State/Federal use facility.