

[SUMMARY OF FINAL SUBMITTED VERSION]**PROGRESS REPORT BY PERMITTEE FOR 2010**

Primary Owner: U.S. BUREAU OF RECLAMATION
 Application Number: A005628
 Permit Number: 011967
 Date Submitted: 12/22/2011

Compliance with Permit Terms and Conditions	
I have reviewed my water right permit	Yes
I am complying with all terms and conditions	Yes
Description of noncompliance with terms and conditions	
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	

Permitted Project Status	
Project Status	Not Complete
Construction work has commenced	Yes
Construction is completed	Yes
Beneficial uses of water has commenced	Yes
Project will be completed within the time period specified in the permit	No
Explanation of work remaining to be done	Petition has been filed to extend time period to maximize beneficial use.
Estimated date of completion	12/31/2030

Purpose of Use	
Domestic	incidental
Irrigation	11950217 Acres Mixed Crop Types
Industrial	mixed
Municipal	0
Recreational	aquatic related sports
Stockwatering	incidental
Fish and Wildlife Protection and/or Enhancement	Trinity River, Sacramento River and Delta flows
Other	water quality control

Month	Amount directly diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	148867.6	17067.6
February	148969.7	16269.7
March	148105.1	18305.1
April	214030.7	30030.7
May	217706.5	177006.5

June	371778.8	133178.8
July	95086.3	127486.3
August	12697.5	104197.5
September	12489.3	97089.3
October	36787	99887
November	62178.1	21178.1
December	186706.2	17006.2
Total	1655402.8	858702.8

Month	Maximum Rate of Diversion (CFS)
January	7778.3
February	6434.1
March	4580.9
April	9506.8
May	6742.4
June	13953.7
July	2904
August	206.9
September	210.3
October	5730
November	3430.8
December	6883.7

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	45.39	No	124.92	surface water staff gage

Conservation of Water	
Are you now employing water conservation efforts?	No
Description of water conservation efforts	
Amount of water conserved	

Water Quality and Wastewater Reclamation	
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
Amount of reclaimed, desalinated, or polluted water used	

Conjunctive Use of Groundwater and Surface Water	
During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your permit?	No
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. 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 2010 CVP contract deliveries (outside of acre-feet served). Per the CPOU, the entire irrigated acreage estimate available (without all districts reporting) is 1,950,000 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	Size
A005628 Provisional Attachment 2010.pdf	45 KB
2010 Trinity TReport.pdf	62 KB
CVPSUMMARY2010.pdf	21 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 2010 PERMITTEE REPORT

Clair Engle Lake
Operations under Application 005628/Permit 011967

spillway elevation	2370			
minimum elevation	2,245.08	date	1/1/2010	124.92
maximum elevation	2,324.61	date	7/11/2010	45.39
minimum elevation	2,301.18	date	10/22/2010	68.82

	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	131,800.0	17,067.6	148,867.6	0.0	17,067.6	399.0	7,525.3	7,778.3
Feb	132,700.0	16,269.7	148,969.7	0.0	16,269.7	483.0	6,111.1	6,434.1
Mar	129,800.0	18,305.1	148,105.1	0.0	18,305.1	416.0	4,191.9	4,580.9
Apr	184,000.0	30,030.7	214,030.7	0.0	30,030.7	2,471.0	8,181.8	9,506.8
May	64,900.0	152,806.5	217,706.5	24,200.0	177,006.5	2,500.0	4,242.4	6,742.4
Jun	238,600.0	133,178.8	371,778.8	0.0	133,178.8	2,500.0	11,868.7	13,953.7
Jul	6,700.0	88,386.3	95,086.3	39,100.0	127,486.3	2,500.0	555.6	2,904.0
Aug	0.0	12,697.5	12,697.5	91,500.0	104,197.5	206.9	0.0	206.9
Sep	0.0	12,489.3	12,489.3	84,600.0	97,089.3	210.3	0.0	210.3
Oct	19,500.0	17,287.0	36,787.0	82,600.0	99,887.0	928.0	4,899.0	5,730.0
Nov	41,000.0	21,178.1	62,178.1	0.0	21,178.1	751.0	3,181.8	3,430.8
Dec	169,700.0	17,006.2	186,706.2	0.0	17,006.2	627.0	6,565.7	6,883.7
TOTAL	1,118,700.0	536,702.7	1,655,402.7	322,000.0	858,702.7			

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 under Permit 11966.

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

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

2010

Trinity River Division - Central Valley Project

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

Year	Month	Trinity Lake							Lewiston Reservoir						Whiskeytown Lake						
		EOM Storage (AF)	Change in Storage (AF)	Release Power (cfs)	Release Spill (cfs)	Release Outlet (cfs)	Release Total	Evap. (cfs)	Release Power	Release Spill	Release Outlet	Total Trinity River	Carr P.P to Whiskeytown	Evap.	EOM Storage (AF)	Change in Storage (AF)	Release Spill	Release Outlet	Total to Clear Cr.	Spring Cr. Power P	Evap.
2009	Oct	905,300	-13,900	9,560	0	19,355	28,915	1,450	4,864	16,891	978	22,733	8,678	135	226,800	-2400	0	14,299	14,299	9,424	522
2009	Nov	900,100	-5,300	18,681	0	510	19,191	422	3,053	13,024	2,575	18,652	2,299	36	206,500	-20,100	0	11,887	11,887	13,914	141
2009	Dec	908,600	8,400	23,701	0	0	23,701	173	1,666	11,512	5,818	18,996	5,964	12	204,700	-2,000	0	12,343	12,343	5,641	56
2010	Jan	1,040,400	131,600	16,862	0	845	17,707	264	4,534	10,042	4,378	8,922	3,418	18	229,700	25,000	3,880	12,288	12,288	59,275	48
2010	Feb	1,173,100	132,600	16,025	12	0	16,037	611	2,967	9,184	5,086	14,273	3,455	40	211,400	-18,200	0	11,062	11,062	94,859	67
2010	Mar	1,302,900	130,200	18,337	73	0	18,410	1,650	4,433	10,324	4,098	18,855	2,473	117	213,800	2,500	0	12,264	12,264	43,234	276
2010	Apr	1,486,900	183,900	30,014	0	123	30137	2,124	4,298	24,463	3,572	32,333	2,202	149	228,600	14,800	0	11,955	11,955	39,575	377
2010	May	1,527,600	40,500	212,328	0	31,038	243366	3,203	4,917	258,559	3,072	266,548	2,686	188	234,900	6,300	0	15,007	15,007	15,396	736
2010	Jun	1,766,200	238,400	143,312	0	0	143312	5,578	4,518	116,303	3,701	124,522	28,806	313	238,500	3,600	0	13,230	13,230	31,500	1,063
2010	Jul	1,733,800	-32,600	128,674	0	0	128674	7,813	1,922	49,470	6,992	58,384	69,371	440	236,800	-1,900	0	9,082	9,082	66,124	1,535
2010	Aug	1,642,300	-91,500	104,382	0	0	104382	6,734	4,681	19,597	4,276	28,554	75,030	377	238,000	1,500	0	6,518	6,518	66,884	1,402
2010	Sept	1,557,700	-84,600	94,341	0	0	94341	3,709	4,754	17,992	4,731	27,477	70,825	214	237,800	-300	0	8,840	8,840	57,331	928
2010	Oct	1,494,600	-62,900	100,064	0	0	100064	2,233	4,919	14,242	4,919	24,080	77,926	137	218,100	-19,600	0	12,085	12,085	87,952	359
2010	Nov	1,535,600	41,000	21,216	0	278	21494	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	16941	557	4,780	9,166	3,937	19,004	22	206,700	1,400	0	12,173	12,713	31,899	0	
Total - Water Year			637,700	816,217	85	51,871	868,173	33,731	43,643	547,329	49,277	640,249	275,207	2,039	3,337,700	-21,900	3,880	174,748	175,288	637,049	7,556
Total - Calendar Year			796,400	902,496	85	32,284	934,865	35,305	46,740	538,269	56,294	641,303	346,365	2,061	2,699,700	2,600	3,880	136,219	136,759	608,070	6,837

Storage Quantities

Trinity Lake	Date	Storage
Begin Storage Season	1/1/2010	913,400
Minimum Storage	1/1/2010	913,400
Maximum Storage	7/11/2010	1,772,500
End of Storage Season	12/31/2010	1,705,300

Summary of Central Valley Project Operations 1/
 Calendar Year 2010
 Inventory of Water Quantities in Acre-feet

SJC-122

Facilities and Area of Use	Reservoir Evaporation	Irrigation Diversions	M & I Deliveries	Power Use <u>14/</u>	River Release <u>2/</u>	Acres Irrigated
Trinity River						
Clair Engle Lake and vicinity	35,305	- na -	- na -	902,496	- na -	- na -
Lewiston Lake and vicinity	2,061	- na -	- na -	49,704	654,299	- na -
Diversions from Lewiston Lake to Whiskeytown Lake	- na -	- na -	- na -	608,070	- na -	- na -
Trinity River Subtotal	37,366	- na -	- na -	1,560,270	654,299	- na -
Clear Creek						
Whiskeytown Lake <u>3/</u>	6,837	2,580	1,673	- na -	140,099	- na -
Diversions - Whiskeytown Lake to Keswick Reservoir	- na -	- na -	- na -	608,070	- na -	- na -
Clear Creek Subtotal	6,837	2,580	1,673	608,070	140,099	- na -
Sacramento River						
Shasta Lake	101,559	- na -	- na -	4,680,760	- na -	- na -
Keswick Reservoir	2,326	- na -	- na -	5,284,614	5,284,614	- na -
CVP Redding area (Keswick, Shasta, Bella Vista)	- na -	4,742	18,490	- na -	- na -	13,058
Sacramento Valley Canals	- na -	189,590	437	- na -	- na -	115,138
Sacramento River Settlement Contractors	- na -	<u>4/</u>	<u>4/</u>	- na -	- na -	405,013
Sacramento River Subtotal	103,885	194,332	18,927	9,965,374	5,284,614	533,209
American River						
Folsom Lake	29,687	0	39,125 <u>5/</u>	2,097,094	- na -	0
Lake Natoma	1,204	- na -	- na -	1,688,997	2,461,661	- na -
Folsom South Canal (from Lake Natoma)	- na -	- na -	3,415	- na -	- na -	- na -
Lower American River Diversions	- na -	- na -	0 <u>5/</u>	- na -	- na -	- na -
American River Subtotal	30,891	0	42,540	3,786,091	2,461,661	0
Stanislaus River						
New Melones Lake	36,302	- na -	- na -	799,067	799,067 <u>12/</u>	- na -
Stanislaus River <u>13/</u>	- na -	495,138 <u>5/</u>	23,465 <u>5/</u>	- na -	- na -	- na -
Stanislaus River Subtotal	36,302	495,138 <u>6/</u>	23,465	799,067	799,067	- na -

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>SJC-122</u>
Delta and Westside of San Joaquin Valley						
Contra Costa Canal and Contra Loma Reservoir	- na -	0	81,072	- na -	- na -	0
Delta Mendota and San Luis Canals						
Delta-Mendota Canal	- na -	61,811	6,770	- na -	- na -	63,495 <u>19/</u>
Waterfowl Conservation	- na -	257,993	- na -	- na -	- na -	- na -
San Luis Reservoir J/	65,754	- na -	- na -	530,300	- na -	- na -
O'Neill Forebay J/	- na - <u>11/</u>	- na -	- na -	54,536	- na -	- na -
San Luis and Coalinga Canal	- na -	1,175,266	92,620	- na -	- na -	463,851 <u>20/</u>
Cross Valley Canal	- na -	8,985	75 <u>5/</u>	- na -	- na -	- na -
San Felipe Service Area (Pacheco Tunnel)	- na -	24,754	71,554	- na -	- na -	0 <u>21/</u>
Mendota Pool (Bob C.)						
Mendota Pool and vicinity <u>7/ 8/</u>	- na -	57,778	- na -	- na -	- na -	27,242 <u>9/</u>
Waterfowl Conservation(Reported under San Luis Canal)	- na -	- na -	- na -	- na -	- na -	- nr -
Exchange Contract <u>10/ 8/</u>	- na -	680,374	- na -	- na -	- na -	54,325 <u>22/</u>
Delta and Westside Subtotal	65,754	2,266,961	252,091	584,836	- na -	608,913
San Joaquin River						
Millerton Lake and vicinity	18,812	7,249	155	- na - <u>15/</u>	136,872 <u>16/</u>	- na - <u>17/</u>
Interim Restoration (Releases under P.L. 111-11)	- na -	- na -	- na -	- na -	267,066	- na -
Exchange Contract (Recapture under P.L. 111-11)	- na -	52000	- na -	- na -	- na -	- na - <u>18/</u>
Friant-Kern Canal	- na -	1,172,116	61,156	- na -	- na -	633,124
Madera Canal	- na -	255,733	- na -	- na -	- na -	174,971
San Joaquin River Subtotal	18,812	1,487,098	61,311	- na -	403,938	808,095
Total - CVP	299,847	4,446,109	400,007	17,303,708	9,743,678	1,950,217

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 Westlands Water District, Coelho Family Trust, Dudley, Laguna WD, Reclamation District No.1606, and Tranquillity Public Utilities 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 Centinella WD, Eagle Field WD, Mercy Springs WD, Oro Loma WD, and Plain View WD.
- 20/ Does not include irrigated acreage in Pacheco WD and Panoche WD.
- 21/ Does not include irrigated acreage in San Benito County WD and Santa Clara Valley WD.
- 22/ Does not include irrigated acreage in Central California ID and Firebaugh Canal WD.
- J/ Joint State/Federal use facility.