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CVO-400  
WTR-4.10

Ms. Barbara Evoy  
Deputy Director, Division of Water Rights  
State Water Resources Control Board  
P.O. Box 2000  
Sacramento, CA 95812

Subject: Monitoring and Reporting Program on Water Rights Order No. 90-5 (Water Rights)

Dear Ms. Evoy:

During September 2014, average daily water temperature compliance of 56.0 °F or less was not met at the Clear Creek compliance point on the Sacramento River with the exception of September 1, 2014 and September 2, 2014. The following actions were taken to draw the coldest water out of Shasta to avoid exceedences and bring temperatures back into compliance. These actions were also taken with consideration to stretch out the minimal cold water pool left in Shasta reservoir.

On September 9, 2014, Reclamation began to bypass generation of approximately 2,200 cfs through elevation 750 outlet tube to draw colder water to the Sacramento River. On September 19, 2014, Reclamation began to bring approximately 1,000 acre feet a day of Trinity water through Spring Creek and into the Sacramento River. On September 26, 2014, Reclamation increased the amount of bypass through the Shasta elevation 750 outlet tube in the amount of approximately 3,000 acre feet a day.

During the month of September 2014, the average monthly water temperature was 58.5 °F at Clear Creek.

Enclosed is the monitoring report for September 2014, under Order No. 90-5. The report contains the following data:

Station	Description
Shasta Inlets (R-1)	Water Temperature Profile
“	Turbidity, monthly, ntu
Shasta Dam (R-2)	Water Temperature, daily average, degrees F
“	Turbidity, ntu, monthly

Shasta Dam (R-2a)	Flow, average daily, cfs
Keswick (R-3) “	Water Temperature, daily average, degrees F Turbidity, ntu, monthly
Keswick (R-3a)	Flow, average daily, cfs
Spring Creek Power plant (R-4) “	Water Temperature, daily average, degrees F Turbidity, ntu, monthly Flow, average daily cfs
Jellys Ferry (R-5) (Control Point)	Water Temperature, daily average, degrees F Turbidity, ntu, monthly
Sacramento at Delta (R-6)	Water Temperature, monthly, degrees F Turbidity, ntu, monthly
McCloud (R-7) “	Water Temperature, monthly, degrees F Turbidity, ntu, monthly
Pit River (R-8) “	Water Temperature, monthly, degrees F Turbidity, ntu, monthly
Lewiston (R-9)	Water Temperature, daily average, degrees F
Lewiston (R-9a)	Flow, average daily, cfs

Please contact Ms. Thuy Washburn at 916-979-2193, should you have any questions regarding this data.

Sincerely,

Elizabeth Kiteck  
Chief Water Operations

Enclosures

cc: Mr. Kenneth Emanuel  
Division of Water Rights  
State Water Resources Control Board  
P.O. Box 2000  
Sacramento, CA 95812  
(w/encl)

Central Valley Operations Office  
 \*Data obtained from the California Data Exchange Center  
 \*\*Data calculated by the Central Valley Operations Office  
 \*\*\*Measurements taken by the Northern CA Area Office Personnel  
**Water Temperature Data in Degrees F**  
**September 2014**

Req. Sampling Frequency - Daily Average (Reading indicates daily average)							Req. Sampling Frequency - Monthly		
<b>Control Pt</b> <b>9/1 to 9/30</b>							<b>Sta 6</b>	<b>Sta 7</b>	<b>Sta 8</b>
<b>Date</b>	<b>Sta 2</b> <b>Shd*</b>	<b>Sta 3</b> <b>Kwk*</b>	<b>Sta 4</b> <b>Spp**</b>	<b>Sta 5</b> <b>Ccr**</b>	<b>Sta9</b> <b>Lws*</b>	<b>Sta10</b> <b>Dgc*</b>	<b>Dit***</b>	<b>Mss***</b>	<b>Pmn***</b>
1	53.8	54.6	57.9	55.8	54.1	57.0			
2	53.8	54.6	57.9	55.9	54.8	57.5			
3	54.3	55.1	57.9	56.3	54.5	57.2			
4	54.6	55.1	57.9	56.2	54.5	56.6			
5	54.9	55.3	57.9	59.5	54.4	56.6			
6	55.0	55.4	57.9	56.8	54.6	56.9			
7	55.9	55.8	57.9	56.9	54.7	57.2			
8	56.1	56.1	58.0	57.2	54.8	57.1			
9	56.7	56.2	57.8	57.3	55.1	57.3			
10	55.4	56.7	58.0	57.7	55.1	57.4			
11	57.5	56.2	58.0	57.6	55.0	57.4			
12	55.7	56.7	57.9	57.8	54.8	57.3			
13	55.9	56.7	57.4	57.8	54.7	57.0			
14	56.9	56.9	58.0	58.3	54.5	58.1			
15	56.6	57.4	57.9	58.6	54.5	58.6			
16	57.1	57.8	57.9	58.7	53.8	57.9			
17	57.2	57.6	57.9	58.6	54.4	55.7			
18	57.5	58.0	57.5	58.9	52.1	53.8			
19	59.0	58.3	57.6	59.5	52.0	53.2			
20	57.6	58.5	58.4	59.9	52.0	53.1			
21	58.2	58.8	58.1	60.0	52.2	53.6			
22	58.2	58.8	58.0	59.9	51.9	53.2			
23	58.9	59.1	58.2	60.1	52.0	53.8	65.6		
24	58.3	59.2	57.9	59.8	52.5	53.5		55.6	
25	59.2	59.0	57.7	60.0	53.0	53.3			
26	59.0	59.0	57.7	60.0	53.5	56.2			
27	59.6	59.2	57.5	59.5	54.1	56.6			
28	60.0	59.5	57.6	Out of Service	53.8	56.0			
29	59.8	59.9	57.6	61.7	53.9	56.0			
30	59.7	60.5	57.6	61.3	53.7	56.5			62.0

**Control Point: 56.0 degrees at Balls Ferry from 03/01/2014 to 03/27/2014.**  
**58.0 degrees at Clear Creek from 03/28/2014 to 04/24/2014.**  
**56.0 degrees at Clear Creek from 04/25/2014 to 09/30/2014.**

**Cross Channel Gate Operation:**  
 September 1-30 Open

Note: CCR stopped reporting on Saturday Sep 27, 2014 at 1500 hours. NCAO staff had the site up and running on Monday September 29, 2014 at 0900.

**Measurements taken by the Northern CA Area Office Personnel  
September 2014**

<b>TEMPERATURE</b>			
Sampling Frequency Every two weeks May 1 through November 30.			
	Sample 1	Sample 2	Sample 3
	9/9/2014	9/16/2014	9/23/2014
Lake Elev	Temperature	Temperature	Temperature
MSL	Degrees F	Degrees F	Degrees F
(400 Feet Upstream of Dam)			
	Time: 11:00	Time: 13:15	Time: 11:00
625	46.0	46.1	46.2
650	46.2	46.4	46.5
675	46.5	46.7	47.1
700	47.1	47.6	48.3
725	48.3	49.6	51.2
750	50.6	54.4	58.5
775	56.5	60.9	63.2
800	62.8	64.9	65.8
825	66.4	66.6	67.0
850	67.9	68.0	68.4
875	74.0	73.3	72.9
900	74.1	74.2	73.5
925			
950			
975			
1000			
1025			
1050			
Lake Surface	908.75' 74.3	905.00' 75.6	901.61' 73.7

<b>TURBIDITY</b>			
Sampling Frequency Monthly, except weekly May 1 through Sep 30, when turbidity at Station 2 is equal to or greater than 10 NTU			
	Sample 1	Sample 2	Sample 3
	9/9/2014	9/16/2014	9/23/2014
Lake Elev	Turbidity	Turbidity	Turbidity
MSL	ntu	ntu	ntu
(400 Feet Upstream of Dam)			
	Time: 11:00	Time: 13:15	Time: 11:00
625	3.1	3.2	3.8
650	2.6	2.9	3.0
675	2.2	2.8	2.6
700	2.1	2.5	2.3
725	1.8	2.2	1.8
750	1.3	1.8	1.6
775	1.0	1.6	1.6
800	0.8	1.4	1.4
825	1.1	1.6	1.2
850	1.0	1.4	1.4
875	1.9	2.5	2.4
900	2.0	1.7	2.3
925			
950			
975			
1000			
1025			
1050			
Lake Surface	908.75' 1.9	905.00' 1.5	901.61' 2.4

Central Valley Operations Office  
 Measurements taken by the Northern CA Area Office Personnel

**Summary of Turbidity and Dissolved Oxygen Water Sampling  
 September 2014**

Turbidity Measurements, NTU

Sampling Frequency

Monthly, except weekly from May 1 through September 30, when turbidity at Station 2 is equal to or greater than 10 NTU.

Station							
	R-2	R-3a	R-4	R-5	R-6	R-7	R-8
	Shasta Dam		Spring	Clear Creek			
	Discharge	Keswick	Creek PP	Control Point	Sacramento	McCloud	Pit
Day	at Bridge	Discharge	Discharge	9/1 to 9/30	River (DLT)	River	River
17	1.8						
18				1.3			
23					3.9		
24		1.9	0.5			86.0*	
29				1.7			
30							1.9

\*Water turbidity due to major mudslide in McCloud on 9/20/2014.

Dissolved Oxygen, mg/l

Sampling Frequency

Every two weeks from May 1 through September 30; samples to be taken before 1000 hours.

Station				
	R-2	R-3	R-5	
	Shasta Dam		Control Point	Hour
	Discharge	Keswick	9/1 to 9/30	Time Sample
Day	at Bridge	Discharge	Clear Creek	Taken
17	10.9			9:50
18/29			13.2/10.6	13:10/10:25
24		9.7		12:00

**Temperature Control Point:**

56.0 degrees at Balls Ferry from 03/01/2014 to 03/27/2014.

58.0 degrees at Clear Creek from 03/28/2014 to 04/24/2014.

56.0 degrees at Clear Creek from 04/25/2014 to 09/30/2014.

**SHASTA LAKE, DAM AND POWERPLANT**

**QG**

**GENERATION RELEASE, CFS**

**WATER YEAR OCTOBER 2013 TO SEPTEMBER 2014**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5,649	6,198	3,315	3,087	3,350	2,732	1,127	4,514	7,767	7,145	7,207	6,480
2	5,514	5,264	3,424	3,230	3,261	2,497	1,854	5,187	7,819	5,733	6,374	7,122
3	5,223	4,608	3,402	3,086	3,354	2,762	2,037	5,061	7,571	6,195	6,479	6,416
4	5,533	4,848	3,346	2,944	3,331	2,262	1,013	5,197	7,012	6,856	7,530	6,281
5	5,227	4,431	3,182	2,641	3,144	2,383	478	5,135	7,401	6,216	6,086	6,139
6	5,255	4,615	3,634	2,837	3,312	1,844	1,066	5,939	7,105	6,296	7,684	6,146
7	5,505	4,309	3,239	2,603	3,238	2,265	1,235	6,840	7,056	6,238	7,513	5,724
8	5,572	4,122	3,032	2,759	3,774	2,582	660	6,761	6,764	6,200	6,211	5,672
9	6,048	3,788	3,362	2,777	3,779	1,619	808	7,424	6,914	6,133	6,080	4,080
10	5,630	4,109	3,027	3,117	4,079	1,853	1,398	7,237	5,646	7,072	5,768	4,697
11	5,380	3,843	3,061	3,138	3,415	1,752	1,567	6,893	7,654	6,820	5,620	4,117
12	5,869	3,813	3,083	3,048	3,496	1,112	1,379	6,928	7,160	6,887	5,277	3,684
13	5,370	4,238	3,195	2,745	3,152	1,548	2,669	6,568	7,887	7,034	5,567	3,578
14	5,483	4,196	3,117	2,729	2,864	1,785	2,150	7,189	7,325	7,315	5,259	2,909
15	5,659	3,796	3,008	2,681	2,595	1,915	2,636	7,239	6,964	6,782	5,773	3,428
16	5,747	3,741	3,190	2,893	2,466	2,550	2,618	7,367	7,473	7,056	5,331	3,157
17	5,431	3,233	3,065	2,914	2,691	2,400	2,559	8,072	7,350	7,045	5,251	3,013
18	5,611	3,139	3,033	2,820	2,492	2,983	3,454	7,401	7,557	6,717	5,064	3,377
19	5,208	2,998	3,223	2,795	3,762	3,661	3,288	6,422	7,503	6,756	5,161	3,017
20	4,947	3,185	3,469	2,671	2,322	2,413	3,657	6,884	8,526	6,709	5,440	3,143
21	5,443	3,065	3,209	2,804	2,467	2,533	3,556	7,058	9,192	7,299	5,340	2,898
22	5,172	3,016	3,170	2,894	2,569	2,565	3,773	7,499	9,190	6,997	5,415	3,260
23	5,530	3,081	3,692	2,802	2,678	2,860	3,147	7,174	8,969	7,196	5,097	2,859
24	5,207	3,233	3,393	3,078	2,714	2,988	3,056	7,300	9,665	6,674	6,171	3,303
25	4,968	3,412	3,198	2,714	2,794	2,898	3,734	7,585	9,621	6,967	5,669	1,961
26	4,879	3,381	3,271	2,506	3,061	3,020	3,157	7,862	9,080	7,132	6,452	423
27	4,982	3,240	3,363	3,040	2,132	2,410	3,616	7,585	8,739	6,729	6,414	1,226
28	4,855	3,264	3,325	3,332	2,336	3,061	3,397	7,761	8,447	7,558	7,041	1,244
29	4,560	3,246	3,031	3,162		1,432	3,665	6,673	8,731	6,480	6,297	1,262
30	4,961	3,288	3,187	2,999		1,675	3,828	8,139	8,558	6,391	6,530	1,197
31	5,015		2,941	3,343		2,098		7,978		6,176	6,781	
<b>TOTAL</b>	<b>165,433</b>	<b>114,700</b>	<b>100,187</b>	<b>90,189</b>	<b>84,628</b>	<b>72,458</b>	<b>72,582</b>	<b>212,872</b>	<b>236,646</b>	<b>208,804</b>	<b>187,882</b>	<b>111,813</b>
<b>MEAN</b>	<b>5,337</b>	<b>3,823</b>	<b>3,232</b>	<b>2,909</b>	<b>3,022</b>	<b>2,337</b>	<b>2,419</b>	<b>6,867</b>	<b>7,888</b>	<b>6,736</b>	<b>6,061</b>	<b>3,727</b>
<b>MAX</b>	<b>6,048</b>	<b>6,198</b>	<b>3,692</b>	<b>3,343</b>	<b>4,079</b>	<b>3,661</b>	<b>3,828</b>	<b>8,139</b>	<b>9,665</b>	<b>7,558</b>	<b>7,684</b>	<b>7,122</b>
<b>MIN</b>	<b>4,560</b>	<b>2,998</b>	<b>2,941</b>	<b>2,506</b>	<b>2,132</b>	<b>1,112</b>	<b>478</b>	<b>4,514</b>	<b>5,646</b>	<b>5,733</b>	<b>5,064</b>	<b>423</b>

**WATER YEAR TOTALS**

<b>TOTAL</b>	<b>1,658,194</b>
<b>DAILY MEAN</b>	<b>4,543</b>
<b>DAILY MAX</b>	<b>9,665</b> <b>06/24/2014</b>
<b>DAILY MIN</b>	<b>423</b> <b>09/26/2014</b>



UNITED STATES DEPARTMENT OF THE INTERIOR  
 U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA

RUN DATE: October 7, 2014

**KESWICK DAM, RESERVOIR, AND POWERPLANT**

**QT**

**TOTAL RELEASE, CFS**

**WATER YEAR OCTOBER 2013 TO SEPTEMBER2014**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6,250	5,658	3,891	3,779	3,349	2,684	2,502	4,533	8,494	9,244	8,563	6,900
2	6,244	5,536	3,996	3,630	3,350	2,687	2,626	5,068	8,467	9,251	8,630	6,900
3	6,251	5,146	4,068	3,562	3,340	2,544	2,663	5,068	8,217	9,248	8,638	6,588
4	6,252	5,195	4,066	3,280	3,307	2,602	2,692	5,066	8,245	9,252	8,581	6,600
5	6,247	4,924	4,064	3,107	3,275	2,608	2,664	5,094	8,244	9,243	8,640	6,393
6	6,239	4,786	4,067	3,102	3,258	2,595	2,736	5,854	8,254	9,242	8,424	6,150
7	6,239	4,628	4,057	3,098	3,411	2,648	2,730	6,438	8,200	9,263	8,407	6,139
8	6,219	4,583	3,967	3,047	3,709	2,633	2,693	6,421	8,188	9,253	8,149	6,148
9	6,149	4,722	3,974	2,955	3,453	2,639	2,697	6,970	8,184	9,217	7,979	5,894
10	6,169	4,665	3,986	3,042	3,469	2,644	2,688	6,998	8,186	9,077	7,987	5,901
11	6,154	4,618	4,047	3,002	3,312	2,641	2,672	6,997	8,162	9,204	8,047	5,623
12	6,088	4,478	3,990	2,975	3,174	2,619	2,575	7,008	8,582	9,285	7,767	5,636
13	6,168	4,420	3,993	2,979	3,075	2,631	2,500	6,986	8,563	9,238	7,570	5,690
14	6,140	4,158	3,995	2,952	2,994	2,629	2,489	6,989	8,589	9,359	7,570	5,562
15	6,111	3,920	3,991	2,895	2,890	2,670	2,512	6,965	8,624	9,221	7,351	5,492
16	6,111	3,848	3,992	2,887	2,890	2,684	2,952	6,944	8,628	9,193	7,381	5,499
17	6,135	3,792	3,990	2,888	2,889	2,692	3,018	6,996	8,656	9,230	7,380	5,494
18	6,112	3,962	3,993	2,892	2,894	2,637	3,737	7,001	9,165	9,207	7,382	5,553
19	6,117	3,998	3,925	2,898	2,932	2,713	3,741	6,993	9,150	9,277	7,126	5,379
20	6,104	3,985	3,834	2,893	2,897	3,321	3,748	7,009	10,256	9,275	7,117	5,319
21	6,004	4,006	3,844	2,895	2,751	3,166	3,747	7,081	9,933	9,300	7,143	5,326
22	5,950	4,006	3,843	2,894	2,773	3,072	3,684	7,559	9,839	9,039	7,177	5,108
23	5,943	3,965	3,838	2,898	2,731	3,095	3,488	7,564	9,873	9,250	7,205	5,115
24	5,950	3,909	3,858	2,882	2,708	3,095	3,356	7,562	9,925	9,297	7,216	4,812
25	5,957	3,913	3,885	2,846	2,712	3,077	3,372	7,559	9,942	9,307	7,201	4,803
26	5,904	3,960	3,821	2,842	2,710	3,068	3,369	7,558	10,143	9,285	7,414	4,541
27	5,877	4,039	3,787	3,082	2,618	2,935	3,530	7,566	9,696	9,277	7,363	4,535
28	5,879	4,033	3,794	3,352	2,688	2,863	3,755	7,634	9,671	9,246	7,089	4,530
29	5,894	4,047	3,651	3,349		2,702	3,797	7,490	9,650	8,758	7,249	4,537
30	5,878	3,983	3,628	3,343		2,699	4,142	8,555	9,441	8,902	6,970	4,573
31	5,883		3,794	3,348		2,546		8,498		8,838	6,903	
<b>TOTAL</b>	<b>188,618</b>	<b>130,883</b>	<b>121,629</b>	<b>95,594</b>	<b>85,559</b>	<b>85,839</b>	<b>92,875</b>	<b>212,024</b>	<b>269,167</b>	<b>285,278</b>	<b>237,619</b>	<b>166,740</b>
<b>MEAN</b>	<b>6,084</b>	<b>4,363</b>	<b>3,924</b>	<b>3,084</b>	<b>3,056</b>	<b>2,769</b>	<b>3,096</b>	<b>6,839</b>	<b>8,972</b>	<b>9,203</b>	<b>7,665</b>	<b>5,558</b>
<b>MAX</b>	<b>6,252</b>	<b>5,658</b>	<b>4,068</b>	<b>3,779</b>	<b>3,709</b>	<b>3,321</b>	<b>4,142</b>	<b>8,555</b>	<b>10,256</b>	<b>9,359</b>	<b>8,640</b>	<b>6,900</b>
<b>MIN</b>	<b>5,877</b>	<b>3,792</b>	<b>3,628</b>	<b>2,842</b>	<b>2,618</b>	<b>2,544</b>	<b>2,489</b>	<b>4,533</b>	<b>8,162</b>	<b>8,758</b>	<b>6,903</b>	<b>4,530</b>

**WATER YEAR TOTALS**

<b>TOTAL</b>	<b>1,971,825</b>
<b>DAILY MEAN</b>	<b>5,402</b>
<b>DAILY MAX</b>	<b>10,256 06/20/2014</b>
<b>DAILY MIN</b>	<b>2,489 04/14/2014</b>

UNITED STATES DEPARTMENT OF THE INTERIOR  
 U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA  
**LEWISTON DAM, LAKE, AND JUDGE FRANCIS CARR POWERPLANT**

RUN DATE: October 7, 2014

**QR RELEASE TO RIVER, CFS**

**WATER YEAR OCTOBER 2013 TO SEPTEMBER 2014**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	466	305	314	314	304	308	303	1,516	1,211	467	459	956
2	466	305	312	315	306	310	303	1,514	1,210	484	458	951
3	463	293	313	316	307	311	321	1,520	1,204	453	456	953
4	462	302	315	316	307	310	319	1,525	1,208	456	455	961
5	461	304	312	317	306	316	316	1,528	1,207	456	450	968
6	463	303	314	317	306	316	316	1,536	1,183	457	454	962
7	459	303	312	315	306	316	314	1,526	1,136	460	460	965
8	461	308	313	318	308	316	317	1,527	1,098	462	453	964
9	463	309	317	317	308	319	313	1,527	1,059	461	453	952
10	464	308	318	318	302	320	318	1,529	1,011	461	454	960
11	461	309	313	318	305	317	315	1,530	922	460	452	955
12	458	310	312	320	306	301	315	1,535	833	463	453	954
13	461	311	315	321	306	293	315	1,534	783	463	452	694
14	447	312	315	320	305	288	314	1,527	738	465	450	475
15	402	311	314	312	306	290	317	1,532	700	462	453	451
16	347	311	312	312	306	292	317	1,538	697	458	453	1,002
17	312	312	310	310	309	298	318	1,536	709	456	448	3,202
18	308	313	312	313	305	296	317	1,532	709	454	446	3,437
19	306	316	315	315	298	294	315	1,547	664	460	447	3,435
20	307	313	318	313	296	293	313	1,538	605	459	452	3,439
21	306	310	315	312	304	293	313	1,539	613	458	451	3,465
22	307	310	316	312	316	293	314	1,528	601	463	454	2,957
23	308	311	312	313	314	291	749	1,541	515	455	788	1,344
24	303	315	314	313	313	289	1,349	1,536	497	456	998	516
25	300	314	312	315	313	289	1,497	1,541	478	459	1,650	480
26	299	314	313	312	313	295	1,526	1,537	466	459	2,501	498
27	298	314	314	323	308	299	1,517	1,539	469	460	1,944	496
28	301	314	314	298	308	300	1,532	1,539	469	458	1,415	496
29	299	315	312	304		303	1,562	1,532	470	460	981	492
30	302	312	312	305		301	1,541	1,443	468	456	953	495
31	305		312	305		304		1,256		455	958	
<b>TOTAL</b>	<b>11,765</b>	<b>9,287</b>	<b>9,722</b>	<b>9,729</b>	<b>8,591</b>	<b>9,361</b>	<b>18,196</b>	<b>47,128</b>	<b>23,933</b>	<b>14,256</b>	<b>22,151</b>	<b>38,875</b>
<b>MEAN</b>	<b>380</b>	<b>310</b>	<b>314</b>	<b>314</b>	<b>307</b>	<b>302</b>	<b>607</b>	<b>1,520</b>	<b>798</b>	<b>460</b>	<b>715</b>	<b>1,296</b>
<b>MAX</b>	<b>466</b>	<b>316</b>	<b>318</b>	<b>323</b>	<b>316</b>	<b>320</b>	<b>1,562</b>	<b>1,547</b>	<b>1,211</b>	<b>484</b>	<b>2,501</b>	<b>3,465</b>
<b>MIN</b>	<b>298</b>	<b>293</b>	<b>310</b>	<b>298</b>	<b>296</b>	<b>288</b>	<b>303</b>	<b>1,256</b>	<b>466</b>	<b>453</b>	<b>446</b>	<b>451</b>

**WATER YEAR TOTALS**

<b>TOTAL</b>	<b>222,994</b>
<b>DAILY MEAN</b>	<b>611</b>
<b>DAILY MAX</b>	<b>3,465 09/21/2014</b>
<b>DAILY MIN</b>	<b>288 03/14/2014</b>



UNITED STATES DEPARTMENT OF THE INTERIOR  
 U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA

RUN DATE: October 7, 2014

**WHISKEYTOWN DAM, LAKE, AND SPRING CREEK POWERPLANT**

**QG GENERATION RELEASE, CFS**

**WATER YEAR OCTOBER 2013 TO SEPTEMBER 2014**

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	638	83	109	76	14	14	1,459	54	699	2,501	1,982	14
2	794	586	85	74	14	14	501	14	793	3,109	2,609	14
3	798	565	81	74	14	14	646	14	698	3,174	2,378	14
4	728	606	80	74	14	14	1,710	14	890	2,906	1,830	14
5	722	622	80	75	14	8	1,438	14	1,245	3,185	2,357	16
6	665	447	80	73	14	0	997	18	1,423	3,096	1,467	18
7	641	724	80	73	14	118	2,013	14	1,543	3,172	1,082	14
8	799	740	80	73	14	146	1,586	197	1,293	2,961	2,242	39
9	380	575	80	73	14	382	1,797	148	1,299	2,970	2,419	32
10	738	111	80	73	14	72	888	14	1,451	2,329	2,282	21
11	721	107	80	73	14	1,301	894	314	950	2,523	2,432	15
12	750	125	78	73	14	1,373	873	14	1,530	2,303	2,562	14
13	768	88	78	74	14	1,056	18	169	1,543	2,308	2,265	152
14	750	115	78	74	14	7	146	305	1,567	2,266	2,034	14
15	660	128	78	57	14	7	146	144	1,589	2,285	2,224	14
16	725	202	77	14	14	7	145	144	1,476	2,355	2,301	14
17	692	90	77	14	14	7	145	98	1,394	2,382	2,207	14
18	736	115	77	14	14	88	14	14	1,375	2,460	2,557	198
19	939	214	77	14	14	7	42	679	1,374	2,420	2,119	225
20	1,017	119	77	14	14	56	14	170	1,256	2,402	1,933	35
21	1,030	128	77	14	14	499	14	14	977	2,270	2,264	14
22	954	121	77	14	14	293	14	235	980	2,238	1,813	14
23	946	189	77	14	14	381	14	234	961	2,256	2,116	22
24	953	167	77	14	14	529	14	453	988	2,610	1,424	14
25	1,320	120	77	14	14	542	14	316	641	2,411	1,318	581
26	1,283	100	77	14	14	608	14	14	982	2,419	853	909
27	1,280	118	77	14	14	276	136	14	1,068	2,405	533	528
28	1,595	101	77	14	14	343	14	14	1,240	2,160	18	487
29	1,726	89	77	14		1,044	14	622	1,171	2,419	328	532
30	1,150	175	77	14		373	14	717	1,361	2,079	36	500
31	1,304		77	14		381		931		2,276	14	
<b>TOTAL</b>	<b>28,202</b>	<b>7,670</b>	<b>2,459</b>	<b>1,313</b>	<b>392</b>	<b>9,960</b>	<b>15,734</b>	<b>6,116</b>	<b>35,757</b>	<b>78,650</b>	<b>53,999</b>	<b>4,492</b>
<b>MEAN</b>	<b>910</b>	<b>256</b>	<b>79</b>	<b>42</b>	<b>14</b>	<b>321</b>	<b>524</b>	<b>197</b>	<b>1,192</b>	<b>2,537</b>	<b>1,742</b>	<b>150</b>
<b>MAX</b>	<b>1,726</b>	<b>740</b>	<b>109</b>	<b>76</b>	<b>14</b>	<b>1,373</b>	<b>2,013</b>	<b>931</b>	<b>1,589</b>	<b>3,185</b>	<b>2,609</b>	<b>909</b>
<b>MIN</b>	<b>380</b>	<b>83</b>	<b>77</b>	<b>14</b>	<b>14</b>	<b>0</b>	<b>14</b>	<b>14</b>	<b>641</b>	<b>2,079</b>	<b>14</b>	<b>14</b>

**WATER YEAR TOTALS**

<b>TOTAL</b>	<b>244,744</b>
<b>DAILY MEAN</b>	<b>671</b>
<b>DAILY MAX</b>	<b>3,185 07/05/2014</b>
<b>DAILY MIN</b>	<b>0 03/06/2014</b>