

| OFFICIAL FILE COPY | | |
|--------------------|---------|---------|
| DATE | SURNAME | CODE |
| 4/14/14 | JW | CVO-400 |
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| | | |
| Classification | | |
| Project | | |
| Control No. | | |
| Folder I.D. | | |

CVO-400
WTR-4.10

APR 21 2014

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:

For most of the month of March, the temperature control point was set at Airport Road, per the recommendation of the Sacramento River Temperature Task Group (SRTTG). There is no temperature monitoring station at Airport Road Bridge. USBR operated to a surrogate target temperature of 56.75 °F at Balls Ferry, with the intention of achieving 56.0 °F at Airport Road Bridge. On March 27, 2014, the SRTTG had a meeting and the temperature control point was reset to Clear Creek. The temperature target will be set for 58.0 °F during the holding period for salmon until the end of May to conserve Shasta storage.

During March 2014, the average daily water temperature compliance of 56.75 °F or less was met at the Balls Ferry compliance point on the Sacramento. The new target was also met starting March 27, 2014 at Clear Creek.

During the month of March 2014, the average monthly water temperature was 53.4 °F at Balls Ferry and 49.0 °F at Clear Creek.

Enclosed is the monitoring report for March 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 |

| Station | Description |
|--|---|
| 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 |

If you have any questions regarding this data, please contact Thuy Washburn at 916-979-2193.

Sincerely,

Elizabeth Kiteck
Chief Water Operations

Enclosures

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

Central Valley Operations Office
 Data available from the California Data Exchange Center
Water Temperature Data in Degrees F
March 2014

| Req. Sampling Frequency - Daily Average (Reading indicates daily average) | | | | | | | Req. Sampling Frequency - Monthly | | |
|--|-------|-------|-------|-------|------|-------|-----------------------------------|-------|-------|
| | Sta 2 | Sta 3 | Sta 4 | Sta 5 | Sta9 | Sta 5 | Sta 6 | Sta 7 | Sta 8 |
| Date | Shd | Kwk | Spp | Bsf | Lws | Ccr | Dlt | Mss | Pmn |
| 1 | 49.0 | 49.8 | 51.7 | 51.90 | 48.8 | 50.9 | | | |
| 2 | 49.0 | 49.8 | 51.8 | 52.40 | 48.7 | 50.4 | | | |
| 3 | 48.4 | 49.8 | 51.9 | 52.40 | 48.8 | 50.4 | | | |
| 4 | 48.9 | 49.9 | 52.5 | 52.30 | 49.2 | 51.3 | | | 48.3 |
| 5 | 49.0 | 49.8 | 52.4 | 52.70 | 48.7 | 50.6 | | | |
| 6 | 48.8 | 49.7 | 53.0 | 52.80 | 48.7 | 51.0 | | | |
| 7 | 49.2 | 50.0 | 47.9 | 53.00 | 49.0 | 51.1 | | | |
| 8 | 49.4 | 50.1 | 47.6 | 53.00 | 49.0 | 51.3 | | | |
| 9 | 49.5 | 50.2 | 45.5 | 53.00 | 48.9 | 50.9 | | | |
| 10 | 49.5 | 50.4 | 47.9 | 53.20 | 48.8 | 51.8 | | | |
| 11 | 49.5 | 50.5 | 47.6 | 53.40 | 48.8 | 51.3 | | 45.7 | |
| 12 | 49.8 | 50.0 | 47.6 | 53.20 | 49.1 | 51.5 | | | |
| 13 | 49.8 | 50.0 | 47.6 | 53.10 | 49.5 | 51.3 | | | |
| 14 | 49.5 | 50.2 | 48.5 | 53.20 | 50.1 | 51.7 | | | |
| 15 | 49.8 | 50.8 | 48.5 | 53.40 | 50.5 | 52.1 | | | |
| 16 | 49.0 | 51.0 | 48.4 | 53.70 | 50.5 | 52.5 | | | |
| 17 | 49.8 | 51.5 | 48.5 | 53.90 | 50.6 | 52.5 | | | |
| 18 | 50.0 | 51.3 | 47.9 | 54.00 | 50.4 | 52.1 | | | |
| 19 | 50.5 | 51.2 | 48.5 | 53.90 | 50.6 | 52.4 | | | |
| 20 | 50.3 | 51.5 | 48.1 | 53.80 | 51.2 | 52.6 | 48.9 | | |
| 21 | 50.4 | 51.7 | 48.1 | 53.90 | 51.3 | 53.0 | | | |
| 22 | 50.2 | 51.6 | 48.0 | 54.10 | 51.5 | 52.8 | | | |
| 23 | 50.1 | 51.5 | 48.1 | 54.20 | 51.6 | 52.8 | | | |
| 24 | 50.5 | 51.5 | 48.2 | 54.30 | 52.0 | 52.8 | | | |
| 25 | 50.1 | 51.4 | 48.3 | 54.40 | 50.9 | 51.8 | | | |
| 26 | 49.6 | 50.8 | 48.3 | 54.10 | 50.8 | 51.4 | | | |
| 27 | 49.4 | 50.6 | 48.2 | 53.70 | 50.6 | 51.4 | | | |
| 28 | 49.4 | 50.5 | 48.2 | 53.60 | 50.3 | 51.2 | | | |
| 29 | 49.3 | 50.6 | 48.5 | 53.60 | 50.1 | 51.5 | | | |
| 30 | 49.5 | 50.1 | 48.7 | 53.30 | 49.5 | 50.9 | | | |
| 31 | 49.7 | 50.1 | 48.5 | 53.0 | 48.2 | 50.2 | | | |

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 03/31/2014.

Cross Channel Gate Operation:
 March 1-31 Closed

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

| TEMPERATURE | | | |
|--|--------------------|--------------------|--------------------|
| Sampling Frequency | | | |
| Every two weeks May 1 through November 30. | | | |
| | Sample 1 | Sample 2 | Sample 3 |
| | 3/12/2014 | | |
| Lake Elev | Temperature | Temperature | Temperature |
| MSL | Degrees F | Degrees F | Degrees F |
| (400 Feet Upstream of Dam) | | | |
| | Time: 10:45 | Time: | Time: |
| 625 | 45.0 | | |
| 650 | 45.0 | | |
| 675 | 45.0 | | |
| 700 | 45.1 | | |
| 725 | 45.2 | | |
| 750 | 45.3 | | |
| 775 | 45.5 | | |
| 800 | 46.0 | | |
| 825 | 46.9 | | |
| 850 | 47.4 | | |
| 875 | 48.5 | | |
| 900 | 50.8 | | |
| 925 | 51.2 | | |
| 950 | 51.3 | | |
| 975 | | | |
| 1000 | | | |
| 1025 | | | |
| 1050 | | | |
| Lake Surface | 957.71' 51.3 | | |

| TURBIDITY | | | |
|--|--------------------|------------------|------------------|
| 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 |
| | 3/12/2014 | | |
| Lake Elev | Turbidity | Turbidity | Turbidity |
| MSL | ntu | ntu | ntu |
| (400 Feet Upstream of Dam) | | | |
| | Time: 10:45 | Time: | Time: |
| 625 | 0.1 | | |
| 650 | 0.1 | | |
| 675 | 0.1 | | |
| 700 | 0.1 | | |
| 725 | 0.1 | | |
| 750 | 0.1 | | |
| 775 | 0.3 | | |
| 800 | 0.6 | | |
| 825 | 0.9 | | |
| 850 | 0.9 | | |
| 875 | 0.9 | | |
| 900 | 1.2 | | |
| 925 | 1.4 | | |
| 950 | 1.4 | | |
| 975 | | | |
| 1000 | | | |
| 1025 | | | |
| 1050 | | | |
| Lake Surface | 957.71' 1.3 | | |

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

**Summary of Turbidity and Dissolved Oxygen Water Sampling
 March 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 | R-5 |
| | Shasta Dam | | Spring | Balls Ferry | | | | Clear Creek |
| Day | Discharge at Bridge | Keswick Discharge | Creek PP Discharge | Control Point 3/1 to 3/27 | Sacramento River (DLT) | McCloud River | Pit River | Control Point 3/28 to 3/31 |
| 4 | | | 54.9 | | | | 6.8 | |
| 5 | 1.6 | | | | | | | |
| 6 | | 3.7 | | | | | | 3.6 |
| 11 | | | | 9.7 | | 3.2 | | |
| 20 | | | | 4.0 | 1.1 | | | |
| | | | | | | | | |
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| | | | | | | | | |
| | | | | | | | | |

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 | | | Hour |
| Day | Discharge at Bridge | Keswick Discharge | Balls Ferry | Time Sample Taken |
| | | | | |
| | No Requirement October through April. | | | |
| | | | | |

Temperature Control Point:
 56.0 degrees at Balls Ferry from 03/01/2014 to 03/27/2014.
 58.0 degrees at Clear Creek from 3/28/2014 to 3/31/2014.

SHASTA LAKE, DAM AND POWERPLANT

QG

GENERATION RELEASE, CFS

WATER YEAR OCTOBER 2013 TO SEPTEMBER2014

| 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 | | | | | | |
| 2 | 5,514 | 5,264 | 3,424 | 3,230 | 3,261 | 2,497 | | | | | | |
| 3 | 5,223 | 4,608 | 3,402 | 3,086 | 3,354 | 2,762 | | | | | | |
| 4 | 5,533 | 4,848 | 3,346 | 2,944 | 3,331 | 2,262 | | | | | | |
| 5 | 5,227 | 4,431 | 3,182 | 2,641 | 3,144 | 2,383 | | | | | | |
| 6 | 5,255 | 4,615 | 3,634 | 2,837 | 3,312 | 1,844 | | | | | | |
| 7 | 5,505 | 4,309 | 3,239 | 2,603 | 3,238 | 2,265 | | | | | | |
| 8 | 5,572 | 4,122 | 3,032 | 2,759 | 3,774 | 2,582 | | | | | | |
| 9 | 6,048 | 3,788 | 3,362 | 2,777 | 3,779 | 1,619 | | | | | | |
| 10 | 5,630 | 4,109 | 3,027 | 3,117 | 4,079 | 1,853 | | | | | | |
| 11 | 5,380 | 3,843 | 3,061 | 3,138 | 3,415 | 1,752 | | | | | | |
| 12 | 5,869 | 3,813 | 3,083 | 3,048 | 3,496 | 1,112 | | | | | | |
| 13 | 5,370 | 4,238 | 3,195 | 2,745 | 3,152 | 1,548 | | | | | | |
| 14 | 5,483 | 4,196 | 3,117 | 2,729 | 2,864 | 1,785 | | | | | | |
| 15 | 5,659 | 3,796 | 3,008 | 2,681 | 2,595 | 1,915 | | | | | | |
| 16 | 5,747 | 3,741 | 3,190 | 2,893 | 2,466 | 2,550 | | | | | | |
| 17 | 5,431 | 3,233 | 3,065 | 2,914 | 2,691 | 2,400 | | | | | | |
| 18 | 5,611 | 3,139 | 3,033 | 2,820 | 2,492 | 2,983 | | | | | | |
| 19 | 5,208 | 2,998 | 3,223 | 2,795 | 3,762 | 3,661 | | | | | | |
| 20 | 4,947 | 3,185 | 3,469 | 2,671 | 2,322 | 2,413 | | | | | | |
| 21 | 5,443 | 3,065 | 3,209 | 2,804 | 2,467 | 2,533 | | | | | | |
| 22 | 5,172 | 3,016 | 3,170 | 2,894 | 2,569 | 2,565 | | | | | | |
| 23 | 5,530 | 3,081 | 3,692 | 2,802 | 2,678 | 2,860 | | | | | | |
| 24 | 5,207 | 3,233 | 3,393 | 3,078 | 2,714 | 2,988 | | | | | | |
| 25 | 4,968 | 3,412 | 3,198 | 2,714 | 2,794 | 2,898 | | | | | | |
| 26 | 4,879 | 3,381 | 3,271 | 2,506 | 3,061 | 3,020 | | | | | | |
| 27 | 4,982 | 3,240 | 3,363 | 3,040 | 2,132 | 2,410 | | | | | | |
| 28 | 4,855 | 3,264 | 3,325 | 3,332 | 2,336 | 3,061 | | | | | | |
| 29 | 4,560 | 3,246 | 3,031 | 3,162 | | 1,432 | | | | | | |
| 30 | 4,961 | 3,288 | 3,187 | 2,999 | | 1,675 | | | | | | |
| 31 | 5,015 | | 2,941 | 3,343 | | 2,098 | | | | | | |
| TOTAL | 165,433 | 114,700 | 100,187 | 90,189 | 84,628 | 72,458 | | | | | | |
| MEAN | 5,337 | 3,823 | 3,232 | 2,909 | 3,022 | 2,337 | | | | | | |
| MAX | 6,048 | 6,198 | 3,692 | 3,343 | 4,079 | 3,661 | | | | | | |
| MIN | 4,560 | 2,998 | 2,941 | 2,506 | 2,132 | 1,112 | | | | | | |

WATER YEAR TOTALS

| | | |
|-------------------|----------------|-------------------|
| TOTAL | 627,595 | |
| DAILY MEAN | 3,448 | |
| DAILY MAX | 6,198 | 11/01/2013 |
| DAILY MIN | 1,112 | 03/12/2014 |

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

RUN DATE: April 11, 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 | 6,244 | 5,536 | 3,996 | 3,630 | 3,350 | 2,687 | | | | | | |
| 3 | 6,251 | 5,146 | 4,068 | 3,562 | 3,340 | 2,544 | | | | | | |
| 4 | 6,252 | 5,195 | 4,066 | 3,280 | 3,307 | 2,602 | | | | | | |
| 5 | 6,247 | 4,924 | 4,064 | 3,107 | 3,275 | 2,608 | | | | | | |
| 6 | 6,239 | 4,786 | 4,067 | 3,102 | 3,258 | 2,595 | | | | | | |
| 7 | 6,239 | 4,628 | 4,057 | 3,098 | 3,411 | 2,648 | | | | | | |
| 8 | 6,219 | 4,583 | 3,967 | 3,047 | 3,709 | 2,633 | | | | | | |
| 9 | 6,149 | 4,722 | 3,974 | 2,955 | 3,453 | 2,639 | | | | | | |
| 10 | 6,169 | 4,665 | 3,986 | 3,042 | 3,469 | 2,644 | | | | | | |
| 11 | 6,154 | 4,618 | 4,047 | 3,002 | 3,312 | 2,641 | | | | | | |
| 12 | 6,088 | 4,478 | 3,990 | 2,975 | 3,174 | 2,619 | | | | | | |
| 13 | 6,168 | 4,420 | 3,993 | 2,979 | 3,075 | 2,631 | | | | | | |
| 14 | 6,140 | 4,158 | 3,995 | 2,952 | 2,994 | 2,629 | | | | | | |
| 15 | 6,111 | 3,920 | 3,991 | 2,895 | 2,890 | 2,670 | | | | | | |
| 16 | 6,111 | 3,848 | 3,992 | 2,887 | 2,890 | 2,684 | | | | | | |
| 17 | 6,135 | 3,792 | 3,990 | 2,888 | 2,889 | 2,692 | | | | | | |
| 18 | 6,112 | 3,962 | 3,993 | 2,892 | 2,894 | 2,637 | | | | | | |
| 19 | 6,117 | 3,998 | 3,925 | 2,898 | 2,932 | 2,713 | | | | | | |
| 20 | 6,104 | 3,985 | 3,834 | 2,893 | 2,897 | 3,321 | | | | | | |
| 21 | 6,004 | 4,006 | 3,844 | 2,895 | 2,751 | 3,166 | | | | | | |
| 22 | 5,950 | 4,006 | 3,843 | 2,894 | 2,773 | 3,072 | | | | | | |
| 23 | 5,943 | 3,965 | 3,838 | 2,898 | 2,731 | 3,095 | | | | | | |
| 24 | 5,950 | 3,909 | 3,858 | 2,882 | 2,708 | 3,095 | | | | | | |
| 25 | 5,957 | 3,913 | 3,885 | 2,846 | 2,712 | 3,077 | | | | | | |
| 26 | 5,904 | 3,960 | 3,821 | 2,842 | 2,710 | 3,068 | | | | | | |
| 27 | 5,877 | 4,039 | 3,787 | 3,082 | 2,618 | 2,935 | | | | | | |
| 28 | 5,879 | 4,033 | 3,794 | 3,352 | 2,688 | 2,863 | | | | | | |
| 29 | 5,894 | 4,047 | 3,651 | 3,349 | | 2,702 | | | | | | |
| 30 | 5,878 | 3,983 | 3,628 | 3,343 | | 2,699 | | | | | | |
| 31 | 5,883 | | 3,794 | 3,348 | | 2,546 | | | | | | |
| TOTAL | 188,618 | 130,883 | 121,629 | 95,594 | 85,559 | 85,839 | | | | | | |
| MEAN | 6,084 | 4,363 | 3,924 | 3,084 | 3,056 | 2,769 | | | | | | |
| MAX | 6,252 | 5,658 | 4,068 | 3,779 | 3,709 | 3,321 | | | | | | |
| MIN | 5,877 | 3,792 | 3,628 | 2,842 | 2,618 | 2,544 | | | | | | |

WATER YEAR TOTALS

| | | |
|-------------------|----------------|-------------------|
| TOTAL | 708,122 | |
| DAILY MEAN | 3,891 | |
| DAILY MAX | 6,252 | 10/04/2013 |
| DAILY MIN | 2,544 | 03/03/2014 |

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: April 11, 2014

QR RELEASE TO RIVER, CFS

WATER YEAR OCTOBER 2013 TO SEPTEMBER2014

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|--------------|---------------|--------------|--------------|--------------|--------------|--------------|-----|-----|-----|-----|-----|-----|
| 1 | 466 | 305 | 314 | 314 | 304 | 308 | | | | | | |
| 2 | 466 | 305 | 312 | 315 | 306 | 310 | | | | | | |
| 3 | 463 | 293 | 313 | 316 | 307 | 311 | | | | | | |
| 4 | 462 | 302 | 315 | 316 | 307 | 310 | | | | | | |
| 5 | 461 | 304 | 312 | 317 | 306 | 316 | | | | | | |
| 6 | 463 | 303 | 314 | 317 | 306 | 316 | | | | | | |
| 7 | 459 | 303 | 312 | 315 | 306 | 316 | | | | | | |
| 8 | 461 | 308 | 313 | 318 | 308 | 316 | | | | | | |
| 9 | 463 | 309 | 317 | 317 | 308 | 319 | | | | | | |
| 10 | 464 | 308 | 318 | 318 | 302 | 320 | | | | | | |
| 11 | 461 | 309 | 313 | 318 | 305 | 317 | | | | | | |
| 12 | 458 | 310 | 312 | 320 | 306 | 301 | | | | | | |
| 13 | 461 | 311 | 315 | 321 | 306 | 293 | | | | | | |
| 14 | 447 | 312 | 315 | 320 | 305 | 288 | | | | | | |
| 15 | 402 | 311 | 314 | 312 | 306 | 290 | | | | | | |
| 16 | 347 | 311 | 312 | 312 | 306 | 292 | | | | | | |
| 17 | 312 | 312 | 310 | 310 | 309 | 298 | | | | | | |
| 18 | 308 | 313 | 312 | 313 | 305 | 296 | | | | | | |
| 19 | 306 | 316 | 315 | 315 | 298 | 294 | | | | | | |
| 20 | 307 | 313 | 318 | 313 | 296 | 293 | | | | | | |
| 21 | 306 | 310 | 315 | 312 | 304 | 293 | | | | | | |
| 22 | 307 | 310 | 316 | 312 | 316 | 293 | | | | | | |
| 23 | 308 | 311 | 312 | 313 | 314 | 291 | | | | | | |
| 24 | 303 | 315 | 314 | 313 | 313 | 289 | | | | | | |
| 25 | 300 | 314 | 312 | 315 | 313 | 289 | | | | | | |
| 26 | 299 | 314 | 313 | 312 | 313 | 295 | | | | | | |
| 27 | 298 | 314 | 314 | 323 | 308 | 299 | | | | | | |
| 28 | 301 | 314 | 314 | 298 | 308 | 300 | | | | | | |
| 29 | 299 | 315 | 312 | 304 | | 303 | | | | | | |
| 30 | 302 | 312 | 312 | 305 | | 301 | | | | | | |
| 31 | 305 | | 312 | 305 | | 304 | | | | | | |
| TOTAL | 11,765 | 9,287 | 9,722 | 9,729 | 8,591 | 9,361 | | | | | | |
| MEAN | 380 | 310 | 314 | 314 | 307 | 302 | | | | | | |
| MAX | 466 | 316 | 318 | 323 | 316 | 320 | | | | | | |
| MIN | 298 | 293 | 310 | 298 | 296 | 288 | | | | | | |

WATER YEAR TOTALS

| | |
|-------------------|-----------------------|
| TOTAL | 58,455 |
| DAILY MEAN | 321 |
| DAILY MAX | 466 10/01/2013 |
| DAILY MIN | 288 03/14/2014 |

UNITED STATES DEPARTMENT OF THE INTERIOR
 U.S. BUREAU OF RECLAMATION-CENTRAL VALLEY PROJECT-CALIFORNIA
WHISKEYTOWN DAM, LAKE, AND SPRING CREEK POWERPLANT

RUN DATE: March 7, 2014

QG

GENERATION RELEASE, CFS

WATER YEAR OCTOBER 2013 TO SEPTEMBER2014

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|--------------|---------------|--------------|--------------|--------------|------------|-----|-----|-----|-----|-----|-----|-----|
| 1 | 638 | 83 | 109 | 76 | 14 | | | | | | | |
| 2 | 794 | 586 | 85 | 74 | 14 | | | | | | | |
| 3 | 798 | 565 | 81 | 74 | 14 | | | | | | | |
| 4 | 728 | 606 | 80 | 74 | 14 | | | | | | | |
| 5 | 722 | 622 | 80 | 75 | 14 | | | | | | | |
| 6 | 665 | 447 | 80 | 73 | 14 | | | | | | | |
| 7 | 641 | 724 | 80 | 73 | 14 | | | | | | | |
| 8 | 799 | 740 | 80 | 73 | 14 | | | | | | | |
| 9 | 380 | 575 | 80 | 73 | 14 | | | | | | | |
| 10 | 738 | 111 | 80 | 73 | 14 | | | | | | | |
| 11 | 721 | 107 | 80 | 73 | 14 | | | | | | | |
| 12 | 750 | 125 | 78 | 73 | 14 | | | | | | | |
| 13 | 768 | 88 | 78 | 74 | 14 | | | | | | | |
| 14 | 750 | 115 | 78 | 74 | 14 | | | | | | | |
| 15 | 660 | 128 | 78 | 57 | 14 | | | | | | | |
| 16 | 725 | 202 | 77 | 14 | 14 | | | | | | | |
| 17 | 692 | 90 | 77 | 14 | 14 | | | | | | | |
| 18 | 736 | 115 | 77 | 14 | 14 | | | | | | | |
| 19 | 939 | 214 | 77 | 14 | 14 | | | | | | | |
| 20 | 1,017 | 119 | 77 | 14 | 14 | | | | | | | |
| 21 | 1,030 | 128 | 77 | 14 | 14 | | | | | | | |
| 22 | 954 | 121 | 77 | 14 | 14 | | | | | | | |
| 23 | 946 | 189 | 77 | 14 | 14 | | | | | | | |
| 24 | 953 | 167 | 77 | 14 | 14 | | | | | | | |
| 25 | 1,320 | 120 | 77 | 14 | 14 | | | | | | | |
| 26 | 1,283 | 100 | 77 | 14 | 14 | | | | | | | |
| 27 | 1,280 | 118 | 77 | 14 | 14 | | | | | | | |
| 28 | 1,595 | 101 | 77 | 14 | 14 | | | | | | | |
| 29 | 1,726 | 89 | 77 | 14 | 14 | | | | | | | |
| 30 | 1,150 | 175 | 77 | 14 | 14 | | | | | | | |
| 31 | 1,304 | | 77 | 14 | | | | | | | | |
| TOTAL | 28,202 | 7,670 | 2,459 | 1,313 | 392 | | | | | | | |
| MEAN | 910 | 256 | 79 | 42 | 14 | | | | | | | |
| MAX | 1,726 | 740 | 109 | 76 | 14 | | | | | | | |
| MIN | 380 | 83 | 77 | 14 | 14 | | | | | | | |

WATER YEAR TOTALS

| | | | |
|-------------------|---------------|-------------------|--|
| TOTAL | 40,036 | | |
| DAILY MEAN | 265 | | |
| DAILY MAX | 1,726 | 10/29/2013 | |
| DAILY MIN | 14 | 01/16/2014 | |