

## American River Group

Thursday, August 15th, 2019

1:30 – 3:30PM

Room 302 at the Joint Operations Center

3310 El Camino Ave, Sacramento, CA 95815

Conference Line: 1 (866) 718-0082; Passcode 2620147#

## Notes

### 1) Participants

USBR: Sarah Perrin, Spencer Marshall, Peggy Manza, Zarela Guerrero, Mike Hendrick,  
Matthew Di Loreto

CDFW: Mike Healey

Water Forum: Rod Hall, Lilly Allen

SWRCB: Juliana Spector, Alessia Siclari (on the phone)

SMUD: Arthur Starkovich

PCWA: Ben Barker

PSMFC: Kassie Hickey, Eric Bradbury

East Bay MUD: I-Pei Hsiu (on the phone)

San Luis & Delta-Mendota Water Authority: Tom Boardman

SJWD: Greg Zlotnick (on the phone)

### 2) Fisheries Update

a) *CDFW*

Nothing to report.

b) *Cramer Fish Science (CFS)*

Nothing to report.

c) *Pacific States Marine Fisheries Commission (PSMFC)*

Nothing to report.

d) *Water Forum*

Upper Sailor Bar salmon spawning habitat construction will begin on September 4. Construction is expected to end the 1<sup>st</sup> week of October.

### 3) Operations Forecast

a) *SMUD*

Runoff into the storage reservoir basins is 172% of median to date through August 12. The snowpack is 0% of average at selected snow sensors. 0% snowpack is typical for this time of year.

b) *PCWA*

French Meadows inflow is nearly zero. 1100 cfs outflow from Oxbow Powerhouse.

Recreation releases of 1000 cfs to accommodate the Tevis Cup Equestrian Race. Flows will begin ramping down immediately following this event.

c) *CVO*

There is no more snowpack left. Abundant snowpack extended the runoff season.

Releases are currently holding at 3500 cfs.

The Upper Shutters on Unit 2 will be pulled on August 19. Unit 1 will be going out of service.

### 4) Temperature Management

a) *CVO*

Storage at Folsom Reservoir (Folsom) is currently 800 thousand acre-feet (TAF). This storage volume is higher than anticipated.

Accumulated inflow at Folsom is 144% of the 15-year average.

Relatively good temperatures of about 60 degrees Fahrenheit were observed in the beginning of July. More cold water was ordered; however, temperature exceedance at Watt Avenue (AWB) did briefly occur.

Temperature gauge at Folsom Dam went offline on August 7 and came back online on August 14.

Peak temperatures on the surface of Folsom are between 78 and 79 degrees Fahrenheit.

There is currently a significant amount of cold water pool (CWP) remaining in Folsom. 100 TAF of CWP has been used since the July 2019 ARG meeting.

## Exceedance Outlook Forecasts

50% and 90% exceedance outlook forecasts have converged (the 50% and 90% bands converge to form a narrow band). Hydrology tends to converge in the summer months. When this occurs, CVO operates to the 90% exceedance outlook.

## Fall X2

Fall X2 modeling runs will model both the 74 kilometer (km) and 80 km salinity locations in order to see how Folsom releases are affected.

The temperature schedule for the 74 km temperature run is 19 (in July it was 22). This suggests the temperature model prefers the release pattern for the 74 km salinity location.

## 5) Discussion

### Annual Report:

1<sup>st</sup> draft of the ARG Annual Report to be completed by August 30<sup>th</sup>.

### Next Meeting:

Thursday, September 19<sup>th</sup>, 2019 from 1:30 PM – 3:30 PM