



State Water Resources Control Board



Linda S. Adams
Secretary for
Environmental Protection

Division of Water Rights
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Arnold Schwarzenegger
Governor

In Reply Refer
to:BC:31487&31488

APR 22 2009

Ali Shahroody
Stetson Engineers Inc.
2171 E. Francisco Blvd., Suite K
San Rafael, CA 94901

Martha Kaiser
U.S. Bureau of Reclamation, (MP-440)
2800 Cottage Way
Sacramento, CA 95825

Dear Ms. Kaiser and Mr. Shahroody:

WATER AVAILABILITY ANALYSIS (WAA) FOR APPLICATION 31487 (A031487) OF UNITED STATES BUREAU OF RECLAMATION (USBR) TO APPROPRIATE WATER FROM THE TRUCKEE RIVER, SAGEHEN CREEK, AND SEVERAL UNNAMED TRIBUTARIES ABOVE STAMPEDE RESERVOIR IN SIERRA COUNTY AND APPLICATION 31488 (A031488) OF USBR TO APPROPRIATE WATER FROM ALDER CREEK, PROSSER CREEK, AND SEVERAL UNNAMED TRIBUTARIES ABOVE PROSSER CREEK RESERVOIR IN NEVADA COUNTY

The State Water Resources Control Board, Division of Water Rights (Division) staff reviewed the WAAs submitted for A031487 and A031088.

The WAAs reported the amount of water that could be expected to be stored in Stampede and Prosser Creek Reservoirs when considering releases necessary to meet prior rights downstream and USBR's other obligations. The WAAs evaluated water availability by estimating excess storage in the reservoirs on an annual bases when applying the flow thresholds required under the Truckee River Operational Agreement (TROA).

Staff reviewed the calculations prepared by Stetson Engineers to estimate water available for storage in the reservoirs once the following demands were met as follows:

- Flow at Farad in excess of the Floriston Rates and;
- Pyramid Lake inflow targets under Flow Regime No. 1.

Staff's analysis was limited to reviewing the calculations prepared by Stetson Engineers that estimated water availability based on USBR's historical operational data for Stampede and Prosser Creek Reservoirs. Further, Stetson Engineers analysis only considered data from portions of water years from 1971 through 2006 where flows exceeded the above referenced demands. The limitation of the analysis to these periods was a reasonable and acceptable approach.

California Environmental Protection Agency

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EXHIBIT A

Exhibit USBR-19

Staff agrees with the methodology used to estimate water available as storage in Stampede and Prosser Creek Reservoirs in excess of the above referenced demands.

If you have any questions concerning this letter or would like to discuss the project contact me at (916) 341-5304 or via email at bcowan@waterboards.ca.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "William Cowan", with a long horizontal flourish extending to the right.

Bill Cowan, P.E.
Water Resources Control Engineer