

Placer County Water Agency

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A Public Agency

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October 25, 2004

Mr. Takeshi Yamashita, Regional Engineer
FEDERAL ENERGY REGULATORY COMMISSION
901 Market Street, Suite 350
San Francisco, CA 94103

Re: Gate Opening Incident, Ralston Afterbay Dam
FERC Project No. 2079-CA

Dear Mr. Yamashita:

The purpose of this letter is to transmit further environmental information concerning the impacts of the large release of water on the morning of August 5, 2004 from Ralston Afterbay reservoir. Previously, by letter dated October 4, 2004, we transmitted a qualitative assessment report by environmental specialists from the firm, Jones & Stokes.

Enclosed are two drawings by S. & E. Engineering documenting the effects on the sediment pile placed in the flood plain on Indian Bar in the Fall of 2002 as part of the Ralston Afterbay Sediment Management Plan. The pile was surveyed immediately after placement and the calculated volume of the pile was 45,015 cubic yards. Sheet 2 of 2 of the two drawings shows the changes in shape of the pile at 32 cross-sections of the pile. The amount of sediment that was eroded from the pile by the August 5th water release was about 893 cubic yards, or about 2 percent of the pile.

Also enclosed are two graphs labeled, "Figure 1," and "Figure 2," documenting any effects the large water release on August 5th might have had on the contour of the river bottom at the gauging station located about 2 miles downstream from the dam. Figure 1 shows the contour of the river bed as sounded on March 4, 2004, June 9, 2004 and August 11, 2004. Comparing the August 11, 2004 contour to the June 9, 2004 contour shows that the large water release and the erosion of 893 cubic yards from the Indian Bar sediment pile had very little effect on the contour of the river bottom at this location. Figure 2 shows the river bottom contour as sounded on April 23, 1980, March 5, 1999, and August 11, 2004.

If you have any questions, please call me at (530) 885-6917.

Sincerely,

PLACER COUNTY WATER AGENCY



Stephen J. Jones
Power System Manager

Enclosure

cc: David Breninger
Timothy Dabney, EDNF
Marie Davis
Richard Johnson, TNF
Edward Tiedemann
Kevin Goishi, PG&E
Gary Hobgood, DFG
Bill Mitchell, Jones & Stokes
Mal Toy
Kris Vyverberg, DFG
Jann Williams, EDNF

Figure 1. Comparison of 3/4/2004, 6/9/2004, & 8/5/2004

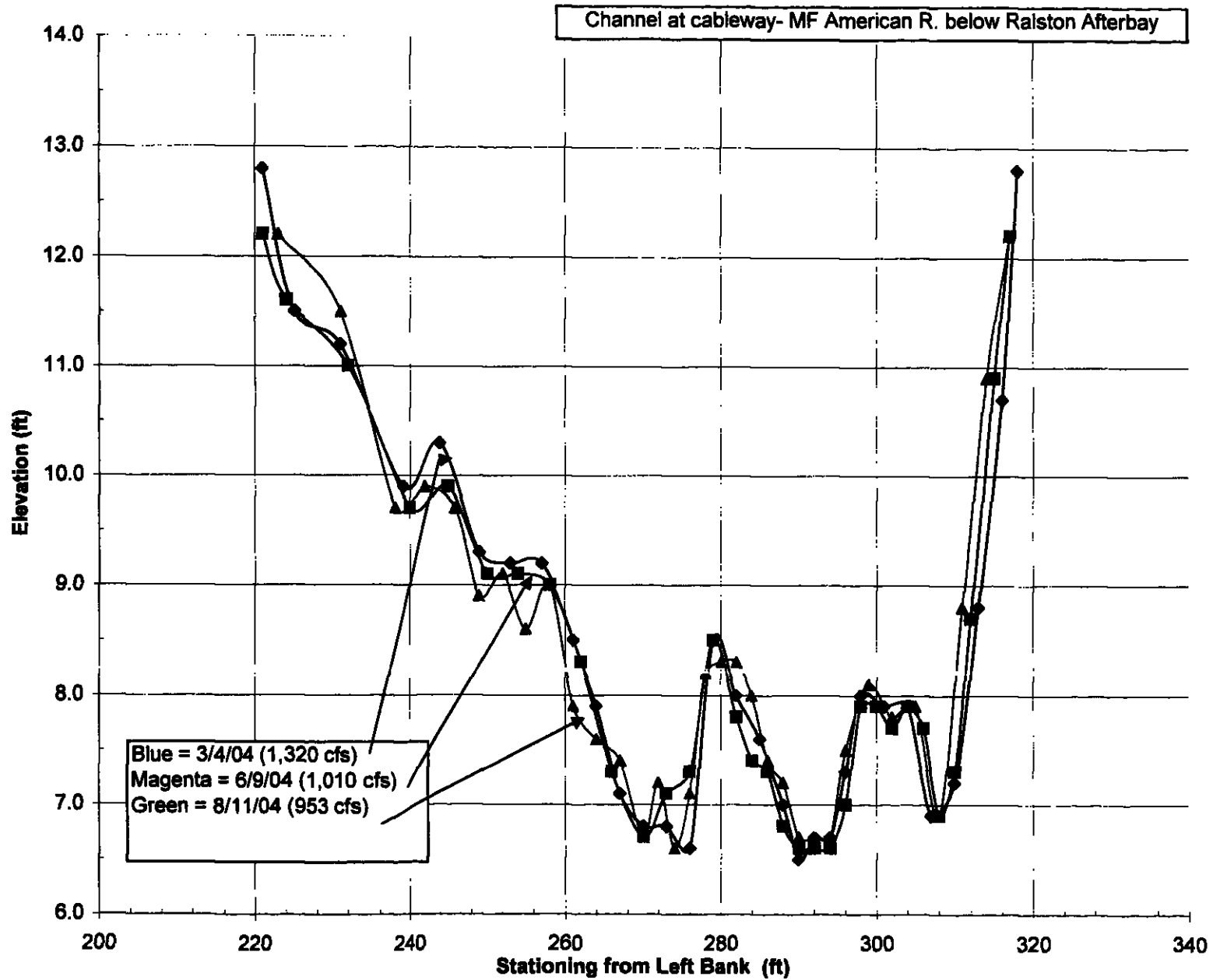
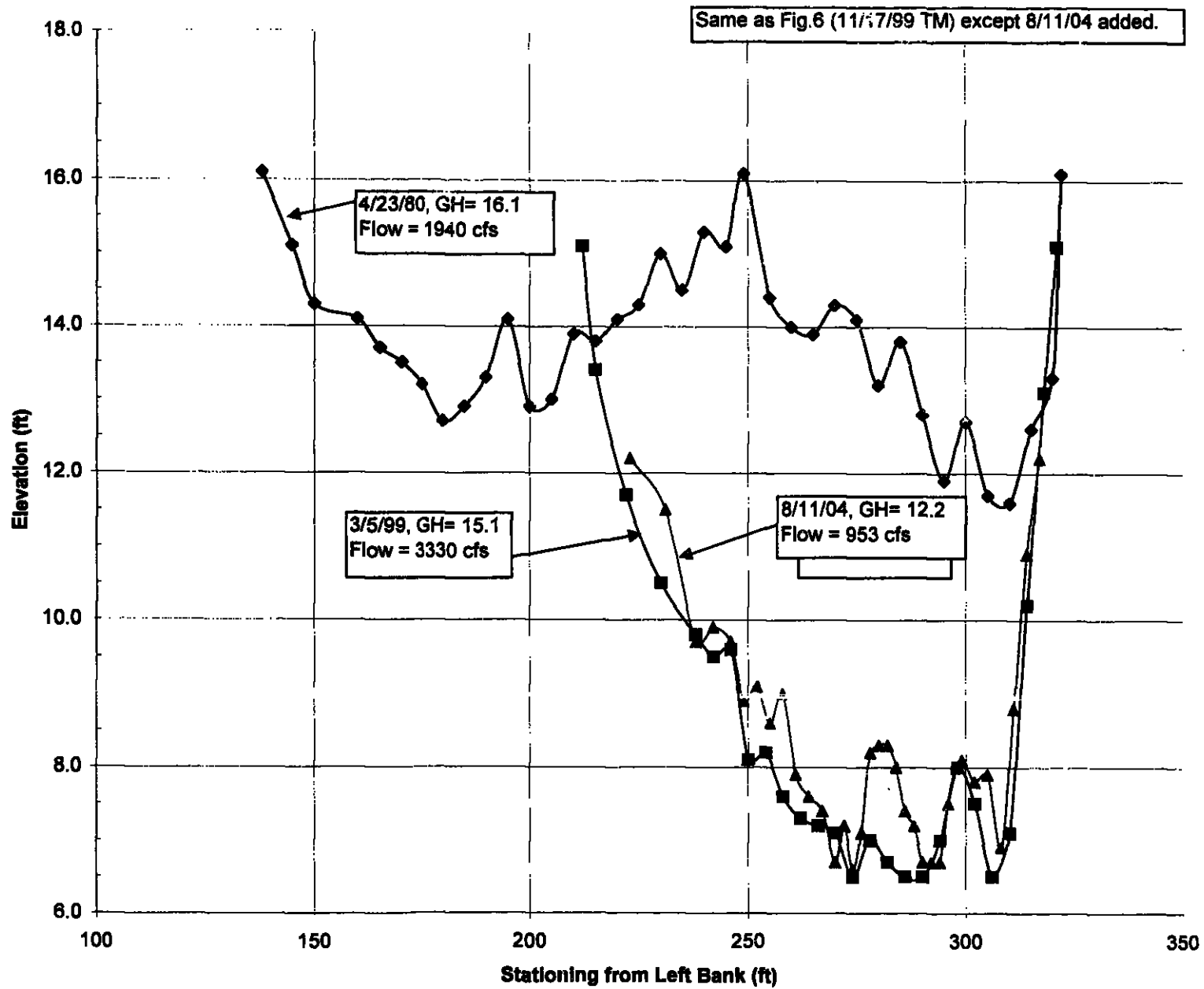


Figure 2. Comparison of 4/23/80, 3/5/99, and 8/11/04



LARGE-FORMAT IMAGES

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