

Water Year 2004  
CVPIA §3406(b)(2) and  
CALFED Environmental  
Water Account (EWA)  
Accounting

December 1, 2004

# Agenda

- Introduction
- (b)(2) Process, Base Case Definition, Implementation
- CVP Operations with (b)(2) Actions
- (b)(2) Accounting
- EWA Assets
- CVP/SWP Operations with EWA Actions
- EWA Accounting
- Questions

# (b)(2) Process

- B2IT – (b)(2) Interagency Team
  - Members – USBR, USFWS, NOAA Fisheries, DWR and DFG
  - Met weekly or bi-weekly as needed to review CVP operations, produce forecasts of operations, review (b)(2) daily accounting and resolve issues at a technical level.
- Forecasts produced monthly with (b)(1) and (b)(2) action placeholders.
- Hypothetical daily operation created using actual hydrology.
- Daily accounting done by a comparison of the hypothetical base operations to actual operations (not including EWA or water augmentation tools). Both operations usually include water acquisition to keep them (b)(2) neutral.

# Base Case Definition

- Upper Sacramento
  - 1992 Winter Run Biological Opinion (Temperature Operations) & WR 90-5.
  - COE Flood Control Requirements.
- Clear Creek
  - 1960 MOA with CDFG
- Trinity River
  - December 2000 Trinity ROD (647,000 AF)
- American River
  - “Modified D-893”
  - COE Flood Control Requirements with SAFCA enhancements.
- Stanislaus River
  - 1987 Instream Flow Agreement & D-1422
  - COE Flood Control Requirements.
- Delta
  - D-1485
  - 1986 COA

# Implementation

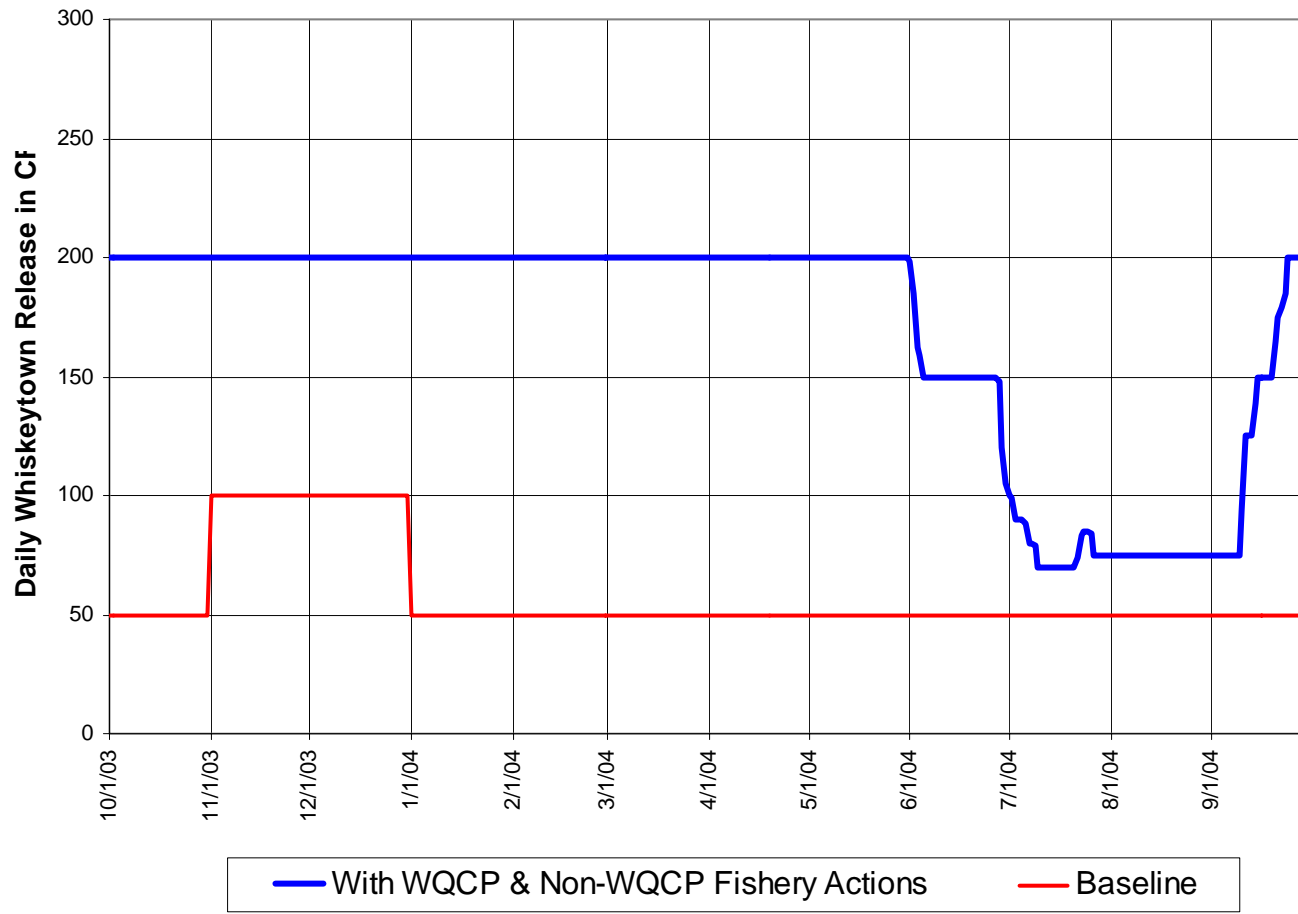
- May 2003 DOI (b)(2) Decision.
- As clarified by December 2003 Interior Guidance Memo and January 2004 Appellate Court ruling.
- No (b)(2) banking this year.
- Continued use of (b)(1) re-operation.
- Integration of EWA and (b)(2) operations.

An aerial photograph showing a large, winding reservoir or lake system. The water is a deep blue color. The surrounding land is divided into numerous rectangular agricultural fields, some of which are green and others are brown, indicating different crops or stages of harvest. The sky is a clear, light blue. The text "CVP Operations" is overlaid in the center of the image in a white, serif font.

# CVP Operations

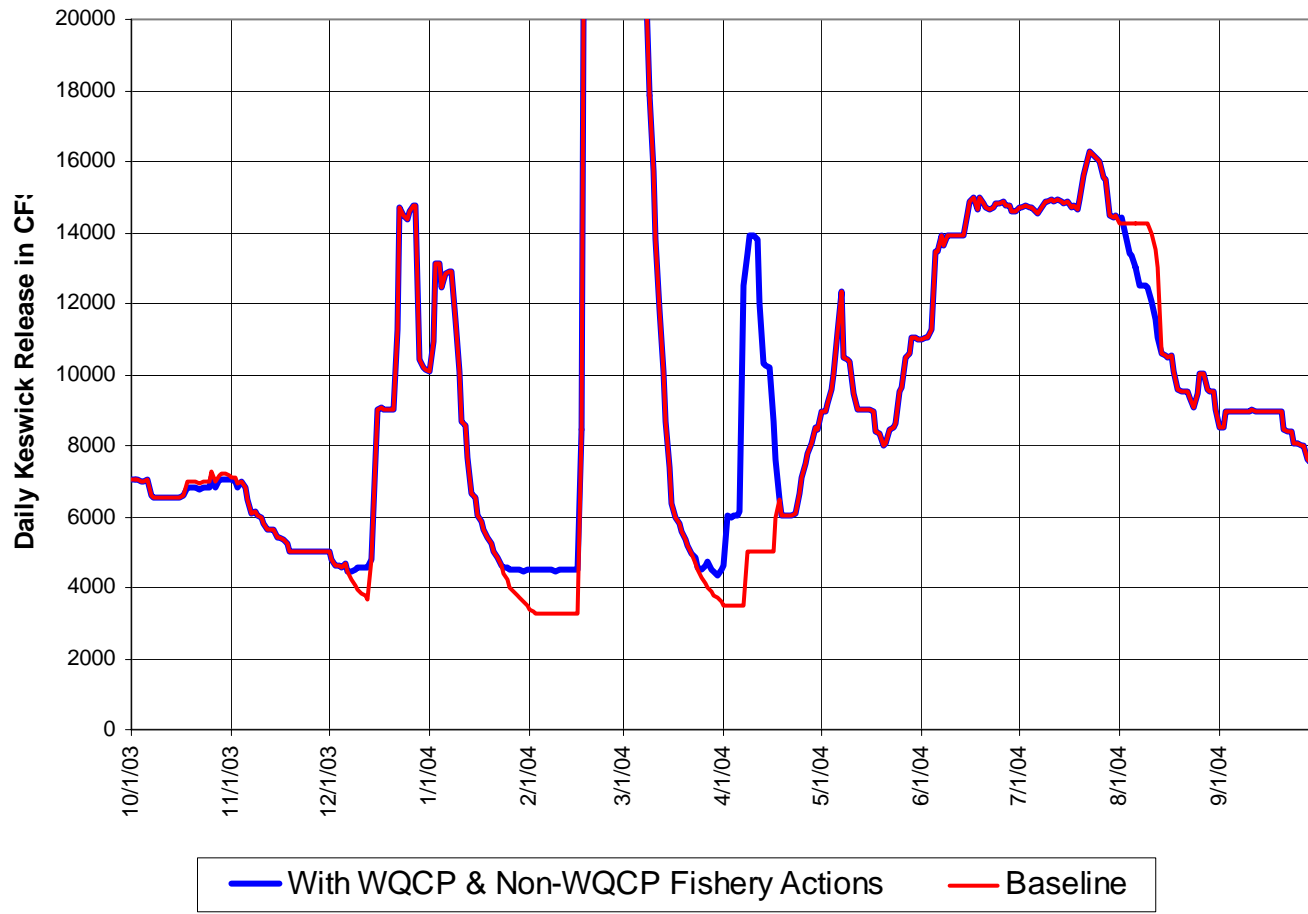
# Clear Creek Operations

Data from DOI Daily Accounting



# Sacramento River Operations

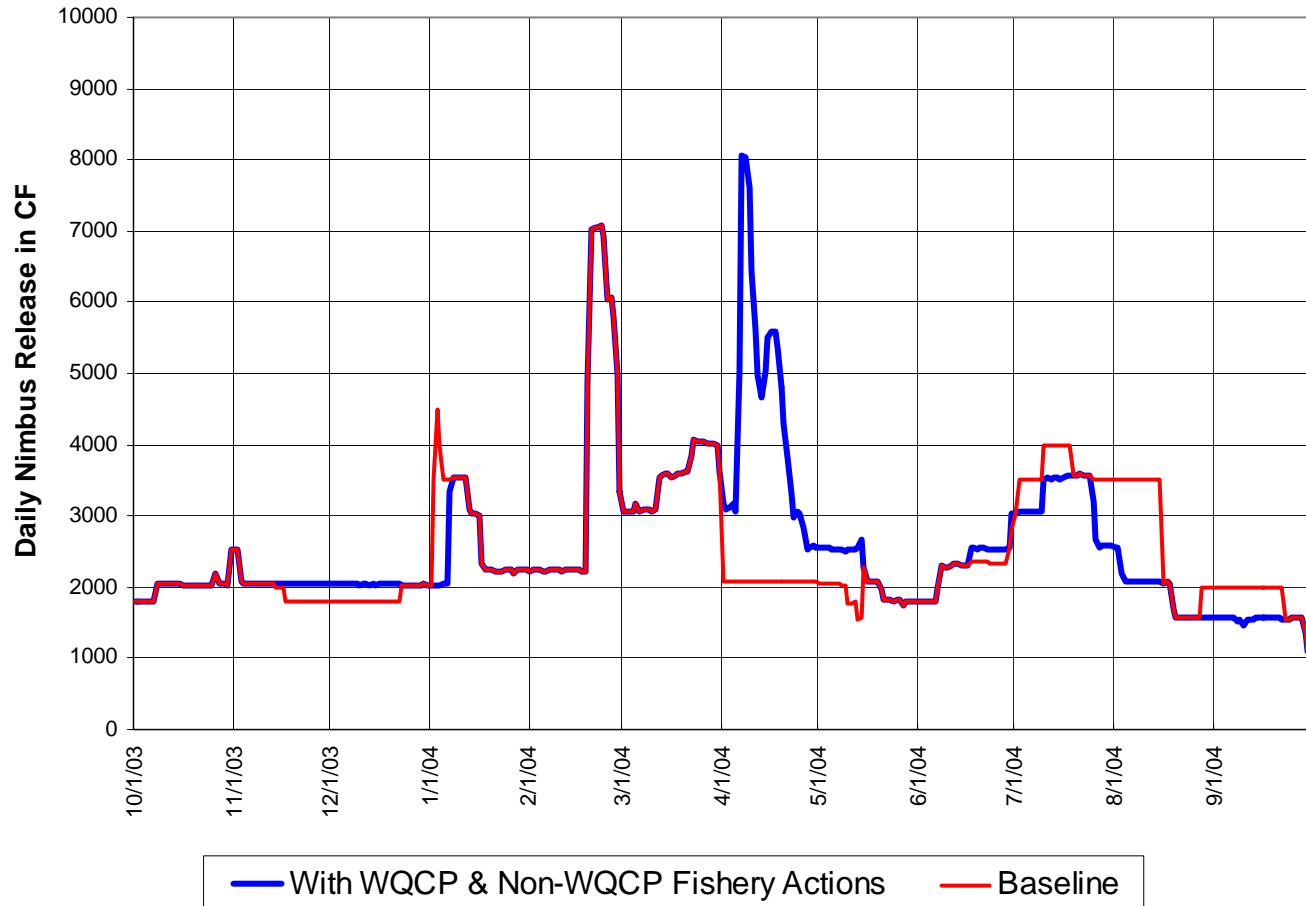
Data from DOI Daily Accounting





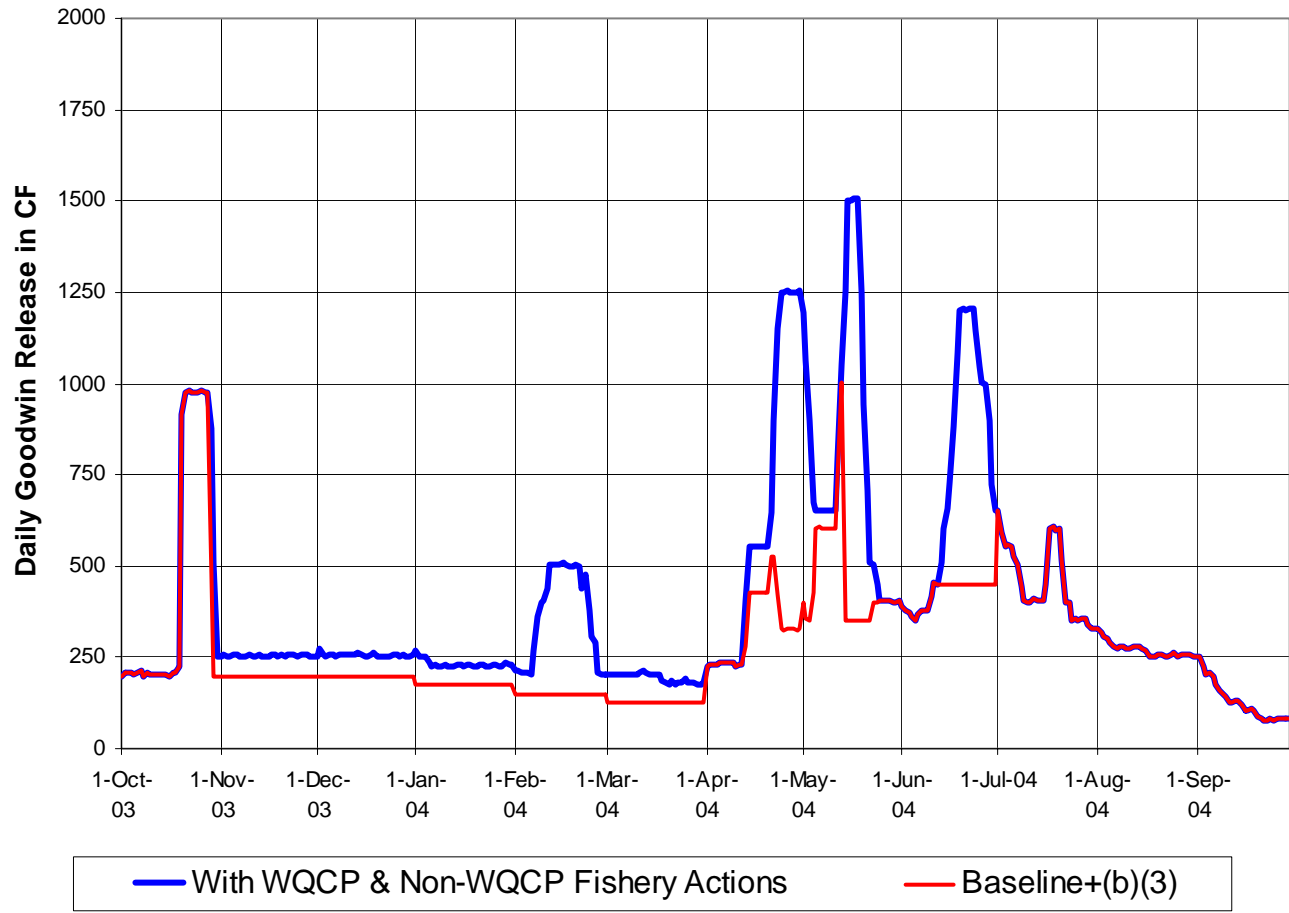
# American River Operations

Data from DOI Daily Accounting



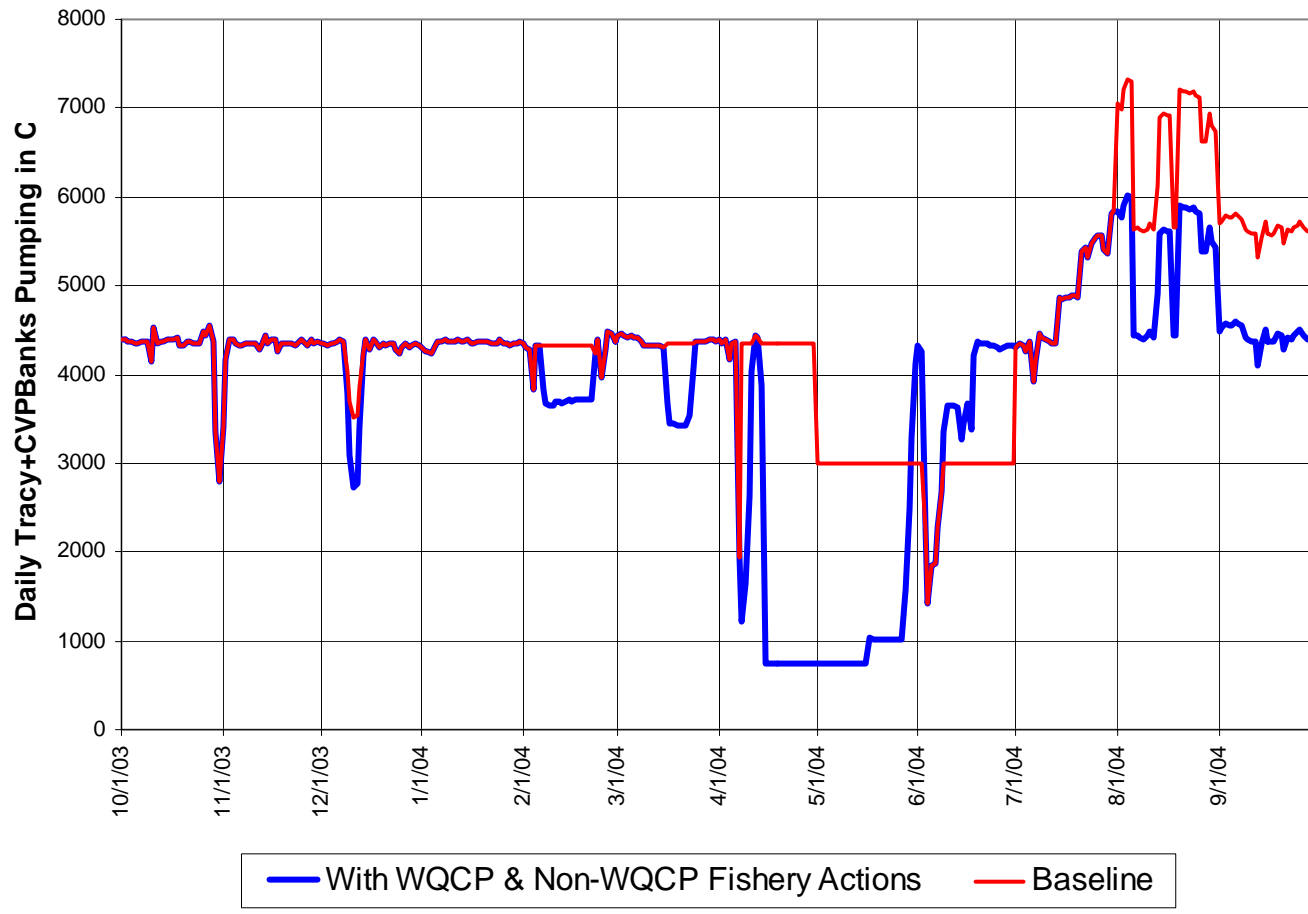
# Stanislaus River Operations

Data from DOI Daily Accounting



# CVP Delta Export Operations

Data from DOI Daily Accounting



An aerial photograph showing a wide, winding river system cutting through a vast, flat agricultural landscape. The land is divided into numerous rectangular fields of various colors, including shades of brown, tan, green, and dark brown, suggesting different crops or stages of land use. The river is a prominent blue feature, meandering across the terrain. The sky is a clear, pale blue. The text "(b)(2) Accounting" is overlaid in the center of the image in a white, serif font.

(b)(2) Accounting

# (b)(2) Calculation

- Release Metric: Oct 1 – Sep 30

Daily increase in release with (b)(2) operations vs base operations. Re-operation between northern CVP reservoirs is excluded from the accounting.

- Delta Metric: Oct 1 – Sep 30

Daily reduction in CVP exports with (b)(2) operations vs base operations. Re-operation between days at a facility with no foreseeable impacts is excluded.

## Final (b)(2) Accounting Water Year 2004

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Tot
<b>Release Metric (Oct 1-Sep 30)</b>	6.6	15.7	27.4	22.5	60.1	22.2	333.4	47.5	20.5	.4	.8	5.2	562.3
<b>Export Metric (Oct 1-Sep 30)</b>	0	0	5.8	0	19.8	14.4	130.8	66.9	0	0	0	0	237.7
<b>Total (b)(2) Expenditures</b>	6.6	15.7	33.2	22.5	79.9	36.6	464.2	114.4	20.1	.4	.8	5.2	800.0