

# Cachuma Project Water Rights Hearing

October 2003

## Panel IV

Presenter:

Ali Shahroody

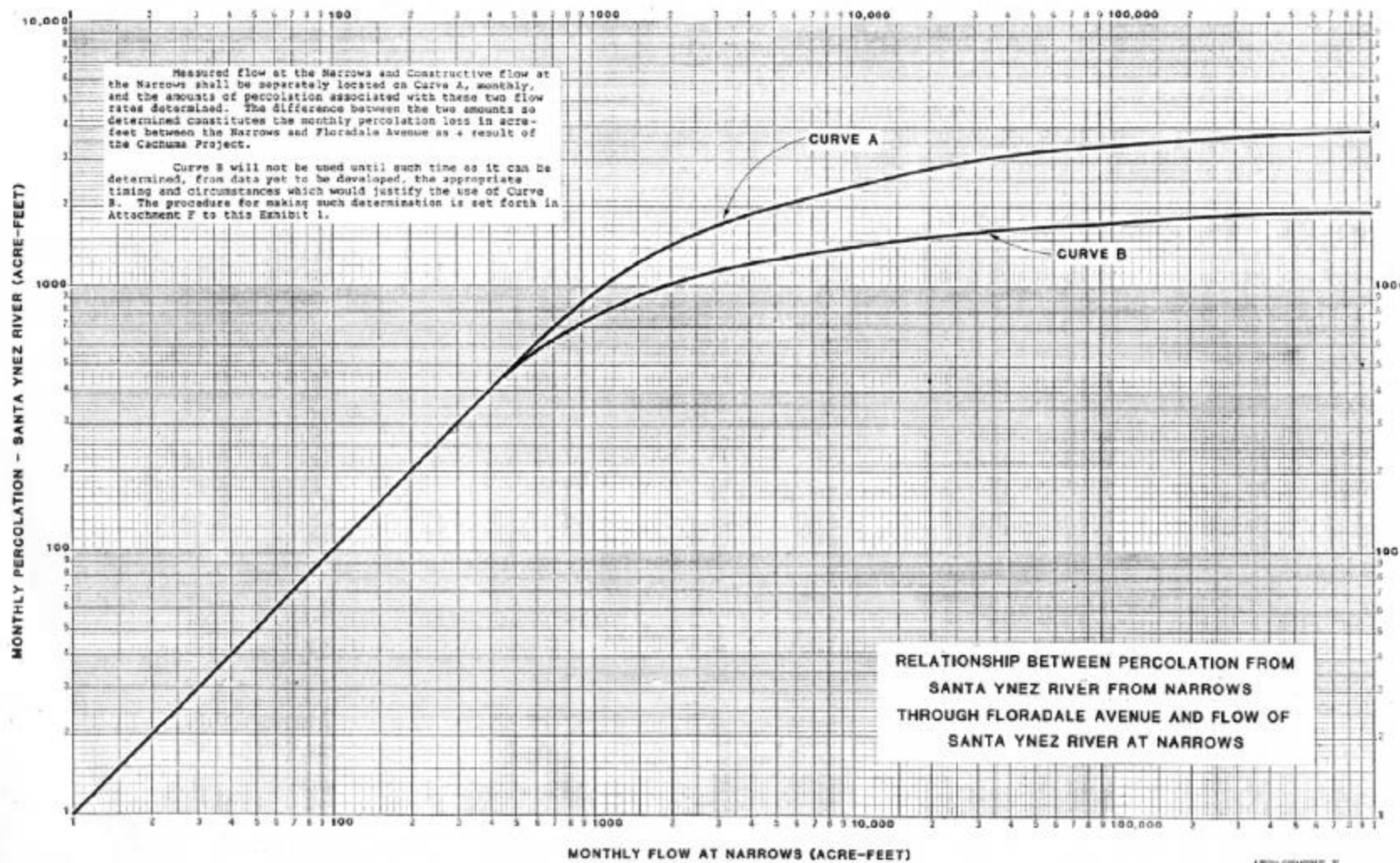
Stetson Engineers

# Specific Provisions Settlement Agreement Requiring Modification of State Board Orders

- Two provisions of Settlement Agreement require State Board Approval
  - Conjunctive operation of Below Narrows Account
  - Technical Amendments to WR89-18

## Conjunctive Operation of Below Narrows Account

- Paragraph 2.2.1 of Condition 5 of WR89-18 provides for data collection and agreement among the parties as to when percolation Curve B (the Lower Curve) should be used in lieu of Curve A (the Upper Curve).
- Percolation curves are depicted in Attachment E to USBR Exhibit 1 of December 1999.



ATTACHMENT F  
December 1, 1966

## Conjunctive Operation of Below Narrows Account

- For many years disagreement existed between the Member Units, Reclamation, Santa Ynez River Water Conservation District, and the City of Lompoc as to the “trigger” or “triggers” to be used to switch from Curve A to Curve B for calculation of BNA credits.
- As a result of the Settlement Agreement, the parties have agreed on the switch and calculation of BNA credits.

## Conjunctive Operation of Below Narrows Account

- The Agreement on use of Curves is described in Exhibit B to the Settlement Agreement.
- As provided in Paragraph 2.2.1 of Condition 5 of WR89-18, the parties to the Settlement Agreement are jointly seeking amendment of the Board Orders.
- Specific changes to the Board's Orders WR73-37 as modified by WR89-18 are shown in Enclosures 1 and 2 by the Bureau of Reclamation under its letter of March 21, 2003, which is USBR Exhibit DOI-10.

## Technical Amendments to WR89-18

- Fish water releases has affected stream observations at San Lucas Bridge (Hwy. 154 Bridge) on the Santa Ynez River. This affects determination of ANA credits. Livestream observations are made under paragraph 1.4 of Condition 5.
- Since 1993, the Bureau has made livestream observation near Highway 154 crossing on San Lucas Creek, rather than San Lucas Bridge on the River.

## Technical Amendments to WR89-18

- Similarly, flow measured at the Narrows gage is adjusted for determination of livestream condition at Floradale Avenue.
- Technical amendments arising from changed conditions are shown in the Bureau's Exhibit DOI-10.



## Additional Gages to be Included in the State Board Order

- Since 1989 (WR89-18), additional flow measurement and water quality measurement devices have been installed and maintained by the USGS.
- Parties request these additional measurement devices to be recognized through an updating of Condition 6 of WR89-18.
- Proposed changes are shown on Enclosure 1 in USBR Exhibit DOI-10.

# Summary

- The provisions of the Settlement Agreement can be fully implemented without additional changes to State Board Orders except to provide for the Technical Amendments described above. These changes generally provide for:
  1. Implementation of the conjunctive operation of the Below Narrows Account and carrying out the directive of paragraph 2.2.1 of WR89-18 with respect to determining the application of Curve A and Curve B.

# Summary

2. An alternative measurement location for livestream determination at San Lucas Bridge.
3. Recognition of additional measurements being carried out with respect to water flows and quality.

**Return to  
Main Menu**

