

## CONTACT MEMO

Date: September 20, 1996  
Contact: Toccoy Dudley, DWR Central District  
Setting: Meeting at DWR Central District

Toccoy Dudley and I discussed various aspects of conjunctive use in the Sacramento Valley. The following is a summary of our conversation.

- I. American Basin Conjunctive Use Project
  - A. Two months from publishing report.
  - B. Waiting for surface water monitoring data
  - C. IGSM model originally developed by Bureau is being used
  - D. Coclusions:
    1. Conjunctive Use is technically feasible in the American Basin
    2. 55,000 acre-feet of dry year supply to State Water Project thru in lieu conjunctive use (groundwater substitution)
    3. There will be built in benefits to locals -- canals, wells, pumping plants.
    4. There has been no organized opposition to date-
  
- II. Lower Colusa Basin Conjunctive Use Project
  - A. Began about six months ago
  - B. Involves RD108, Yolo Zamora
  - C. Local benefit is to provide water to Yolo Zamora to control subsidence
  - D. In lieu recharge in Yolo Zamora to recharge as a result of dry-year groundwater substitution.
  
- III. Conjunctive Use is a matter of timing
  - A. Firstly, water must be removed from storage
  - B. There is a length of time within which you can get water from storage and make new water available; then you have to let system recover.
  - C. Project has to be designed for these time lag issues.
  - \*D. Conjunctive use programs should involve confined aquifers since they pull water from farther away (wider cone of depression), resulting in less of an effect on water levels
  
- IV. Eastern Yolo County Conjunctive Use Project
  - A. Stalled due to PG&E upheavals
  - B. Involved Conway Ranch
  - C. Opposition from Yolo County Flood Control District -- Jim Eagan
  
- V. Obstacles and CALFED Conjunctive Use Program

- A. There are no technical obstacles to implementing conjunctive use
  - B. Must satisfy legal needs and provide sufficient guarantees.
  - C. There has to be financial incentives -- facilities or cash
- VI. Yuba County Water Agency - Don Wilson
- A. Possible Conjunctive Use Project
  - B. CUWA - ag may be competition
    - 1. Water purveyors from other parts of the state striking deals with Sacramento Valley purveyors for supply.
    - 2. DWR is not pursuing Yuba Project because of CUWA ag.
- VII. Recommendations
- A. Need to have public education on conjunctive use in Sacramento Valley with knowledgeable people giving talks
  - B. Develop brochures
  - C. More technical studies, especially northern part of valley
  - D. Groundwater development in Sacramento Valley is developing chaotically; no clear direction to implement conjunctive use in a coherent and technically sound fashion
  - E. Need an overseeing agency that can divvy-up water based on need and good of the public
  - F. Some consideration should be given to revisions in water law that will recognize that groundwater and surface water are the same resource, allowing for more more effective water management