

REVISED MEETING HIGHLIGHTS
CALFED DRINKING WATER QUALITY OPERATIONS WORKGROUP

August 17, 1999

9:00 a.m. to 12:00 noon

Resources Building, Room 335

Attendance

Francis Chung, DWR
Sanjaya Seneviratne, DWR
Dave Briggs, CCWD
Chuching Wang, MWDCS
Susan Paulson, Flow Science, Inc.
Paul Hutton, CALFED
Paul Marshall, CALFED

Deliverables

Deliverables from this workgroup, due by October 18, will be used as input to the Integrated Storage Investigation's comprehensive analysis.

1. workgroup report summarizing system operating rules and results
2. technical appendix with assumptions, model changes, and basic presentation of results
 - a. DWRSIM appendix -- Bill Smith
 - b. FDM (Delta Model) appendix -- Susan Paulson

Drinking Water Quality Objectives

Delta modeling will be conducted through "fingerprinting", whereby any conservative constituent can be evaluated. The workgroup tentatively agreed to focus on bromide, although some attention will be paid to total organic carbon.

Baseline

CALFED's Preferred Alternative, as defined in the June 1999 PEIS/EIR will provide the baseline for evaluation of drinking water quality operating rules. We will consider Delta configurations with and without a demonstration facility at Hood. Some key baseline assumptions include:

1. Flow/fish control structures at Old River, Middle River, and Head of Old River
2. Unlimited joint point of diversion
3. Full Banks pumping capacity (10,300 cfs) with channel modifications
4. Preferred Alternative without Hood Diversion, Criterion B -- DWRSIM Study 809
5. Preferred Alternative with 4,000 cfs Hood Diversion, Criterion B -- DWRSIM Study 822

New Storage Facilities

To limit the number of studies, new storage facilities will be limited to Sacramento Valley storage (2 MAF) and adjacent-to-Delta/off-aqueduct storage (1 MAF). It is assumed that the information derived from the modeling results can be applied to both new surface and groundwater storage. In-Delta storage will be evaluated qualitatively or alternatively through a post-processing exercise.

Studies

Based on the above, the studies identified thus far include:

1. Preferred Alternative without Hood Diversion, Criterion B (Study 809)
2. Preferred Alternative with 4,000 cfs Hood Diversion, Criterion B (Study 822)
3. Study 809 + 2 MAF Sacramento Valley surface storage
4. Study 822 + 2 MAF Sacramento Valley surface storage
5. Study 809 + 1 MAF Off-aqueduct surface storage
6. Study 822 + 1 MAF Off-aqueduct surface storage

Next Technical Meeting

Another technical meeting is tentatively scheduled as follows:

Friday, August 20

2:00-4:00 p.m.

Room 1148-2, Resources Bldg.

The purpose of this meeting will be to scope out additional model study details. We will focus on specific reservoir and conveyance facility operations. A conference call will be arranged.