

**MEETING HIGHLIGHTS**  
**CALFED DRINKING WATER QUALITY OPERATIONS WORKGROUP**

September 23, 1999  
9:30 a.m. to 10:30 p.m.  
Conference Call

**Attendance**

Paul Sandhu, DWR  
Sanjaya Seneviratne, DWR  
Dave Briggs, CCWD (via conference call)  
Chuching Wang, MWDSO (via conference call)  
Susan Paulson, Flow Science, Inc. (via conference call)  
Paul Hutton, CALFED  
Ann Marie Parkin, CALFED

**Base Studies**

Susan reported that Studies 809 and 822 have been corrected and are complete. Chuching will provide Susan the appropriate boundary conditions to translate results into bromide concentrations. The results will show the sources of salinity, but will not include flow source fractions.

**Hood/Cross Channel Gate Operations**

The group discussed how operation of the Delta Cross Channel gates or the Hood diversion affect simulation runs. It was agreed that runs showing how operational changes impact water quality would be helpful. Chuching and Sanjaya agreed to look through their archives for existing runs that could illustrate these relationships. The group also agreed that, if time permits, it would be worthwhile to study the feasibility/benefit of opening the Cross Channel Gates or the Hood Diversion more often in conjunction with North of Delta Storage (e.g. when Rio Vista flow standard was controlling in base run).

**North of Delta Storage (2 MAF) Operating Rules**

Chuching provided Susan the Sacramento River flow adjustments from the North of Delta storage study (based on Study 809) developed with Bill's spreadsheet model. He will provide similar data to Susan for the run based on Study 822. Susan will begin Delta simulation runs during the next few days.

Chuching explored sensitivity to changes in operating rules, letting storage run out during the 1928-34 period. He will work on a summary table to show how the "aggressive" operating rules provide slight water quality improvement in average years at the expense of water quality during dry years.

Chuching completed a draft write-up on development of NDSS operation rules for improving export water quality.

**South of Delta Storage (1 MAF) Operating Rules**

Dave will begin exercising Bill's spreadsheet model next week.

**Workgroup Report**

Dave will distribute a new version of the report tomorrow.

**Next Meeting**

The next small group meeting will be held on Thursday, September 30 from 2:00 p.m.–3:30 p.m. In addition to discussing progress, the group will decide how to present modeling results during the next meeting.