

Draft Meeting Notes
CMARP DELTA LEVEES WORK TEAM MEETING
July 24, 1998 at 1:00 pm in Rm. 1147-C-1 of the Resources Building

Attendance List:

Margit Aramburu, Delta Protection Commission
Rob Cooke, CALFED
Jasmine Doan, DWR (for Mike Driller)
Robert Kayen, US Geological Survey
Gwen Knittweis, CALFED
Gil LaBrie, DCC Engineering
Chris Neudeck, Kjeldsen Sinnock and Neudeck Inc.
Michael Ramsbotham, Corps of Engineers/CALFED Bay-Delta Program
Larry Smith, US Geological Survey/CMARP Steering Committee

Larry Smith presented an overview of the CMARP program. Key functions of CMARP are that it will meet federal requirements for monitoring, provide information necessary to implement the CALFED program, and serve as an assurance that the program is working. Questions to be answered by the Levees Work Team in the near future include what, when, and where (and how and who to the extent time permits) for Levee Program monitoring and research. Preliminary drafts of the program are needed in early October. A draft of the CMARP Program for all of CALFED is needed for appropriation hearings in February. Leo Winternitz is working on an overview of how the Levees component will fit into the overall program but in general mentioned that the overall structure may be close to the following: Goals and Objectives, Conceptual Model, Research, and Structure.

It was discussed that San Francisco Estuary Institute will be doing a review of existing monitoring programs to note what monitoring is currently being performed.

There was a discussion of possible monitoring needs. It was agreed that Les Harder's group would come up with proposed monitoring needs for the seismic component of the program which could include strong motion and geotechnical layer soil surveys. Michael Ramsbotham will provide a write-up for subsidence monitoring and research needs.

It was noted that GIS systems will need to be incorporated into a monitoring and research program. Chris Neudeck will do a write-up on horizontal and vertical survey control needs. It was discussed that since DWR Central District is currently active in administering the Subventions Programs, the District should quantify what monitoring for levee section compliance is currently being done and what monitoring is needed. Other suggestions and outstanding issues include who will address the impacts of island flooding on adjacent islands, the suggestion that locals be required by legislation to tie in to a local network system, and that problem levees be identified by landowners.

Tasks Summary:

- Chris Neudeck will write a paragraph on proposed monitoring-horizontal and vertical survey control needs
- Curt Schmutte will write up a paragraph on how they determine levee cross-section compliance and future monitoring needs
- Michael Ramsbotham will do a write-up for subsidence monitoring needs
- Mike Driller will do a write-up for seismic monitoring needs