

March 21, 2005

CALIFORNIA WATER AND ENVIRONMENTAL MODELING FORUM

Draft  
MINUTES OF THE ANNUAL CWEMF SUMMARY  
OF ACTIVITIES AND BUSINESS MEETING  
2005

General Membership Meeting of March 2, 2005

(Heather Room of Asilomar Conference Grounds in Pacific Grove, California.)

## CWEMF SUMMARY OF ACTIVITIES—

8:15 – 9 AM

1. **Model User's Groups & Peer Reviews** – The MIKE User's Group has had two meetings in 2004. The question arose as to whether DHI's model codes are accessible for review. Model codes are needed for research efforts. There is \$34,000 in the peer review account. The CWEMF's goal is to cost share peer reviews to obtain more "leverage" for our dollars. An IGSM peer review was done two years ago, and possibly now there could be a peer review of its applications. Another suggestion is a peer review for the Stockton D.O. question, as there are several models being considered or applied now. The CWEMF will ask the User's Groups for peer review suggestion.

### 2. **CWEMF Workshops** –

The CWEMF conducts four types of workshops:

- Informational
- Training (i.e. CALSIM2, DSM2, IGSM2, etc.).
- Problem-Solving (i.e., Long-Term Planning, Consensus Solution)
- Product Development

The CWEMF conducted five workshops last year as follows: (1) Hydrosphere (Finite Element code); (2) EPA Model Toolbox; (3) Endangered Species; (4) Analytical Tools and Screening Tools; and (5) Long Term Strategic Planning.

3. **Executive Director's Report** – Rich Satkowski discussed the Long Term Modeling committee. The CWEMF is looking into potential CALFED funding for some topics. A new CWEMF brochure has been developed. Some additions have been made to the website. The CWEMF is still giving consideration to having a possible groundwater modeling clearinghouse. The Ground Water Association of California is interested. Rich stated that he will continue working on the objectives list he established last year. Rich will continue his outreach efforts

including participation in the upcoming State of the Estuary Conference, and sending out the new CWEMF brochures to major water agencies and districts.

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## BUSINESS MEETING

9 – 10 AM

### I. SUMMARY

#### A. ACTION ITEMS -

- CALSIM model baseline – Paul Hutton volunteered to look into some of the details for a peer review for the new hydrology baseline for the San Joaquin River portion of the CALSIM model.

#### B. MOTIONS PASSED OR TABLED

- None

#### B. REFERENCES HANDED OUT –

- None
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### II. MINUTES

1. **WELCOME/CALL TO ORDER** – Nigel Quinn opened the meeting. A quorum was declared. The agenda was reviewed.

2. **SECRETARY'S REPORT** – The minutes of the 2004 CWEMF Annual Meeting were passed unanimously.

3. **TREASURER'S REPORT** – The Treasurer announced that there was \$57,000 in the general fund, and \$34,000 in the peer review fund.

4. **OFFICER'S ELECTION** – The following officers were elected for 2005:

K.T. Shum – Convenor  
Tara Smith – Vice-Convenor  
Lisa Holm – Treasurer  
George Nichol – Secretary  
Nigel Quinn - Past Convenor

#### 5. **SELECTION OF STEERING COMMITTEE MEMBERSHIP SECTOR**

**REPRESENTATIVES** – Contact Nigel if you are interested in representing a Membership sector, which are listed in the bylaws.

**6. OTHER BUSINESS –**

a. **CALSIM Model** - There was mention of a new peer review on the San Joaquin River portion of the CALSIM model. There is a new baseline for CALSIM and lots of documentation. The USBR has done work through a contract on land use, water demands, salt-balances, calibration/validation. Who could be an independent expert to do a peer review? Paul Hutton volunteered to check with stakeholders on performing the review. Perhaps the CWEMF could conduct a workshop for this peer review. Possibly USBR’s consultants could be brought in for this peer review. The consultants had gone District to District to get input for their changes. It was suggested to have the initial workshop cover operations and hydrology. A peer review of this will help in acceptance of TMDLs. Make it clear up front what will be the expectations of the workshop, and what will not be covered. Include the developers of the change on the panel. The stakeholders need to understand what was done. This can be considered an education workshop for land use and hydrology folks. There are two stakeholders now, these being the CVRWQCB and the South Delta Water Agency. Develop a mechanism to keep track of the changes. Do all of the above asap: two years would be too long, while phasing in over the next six months would be just about right.

**b. Other Possible Workshops**

- (1) Revised CALSIM hydrology for the entire San Joaquin Valley Basin, possibly this summer.
- (2) CEQA/NEPA Modeling – Jones and Stokes has a website that describes CEQA/NEPA and recent changes.
- (3) Stockton D.O. – CALFED has funded the Stanford/UCD/USGS 3-D model, the HydroQual model, and the upper watershed model. A peer review is being set up. HydroQual has finished their hydrodynamic modeling, and are now working on the water quality modeling.

**7. ADJOURN – 10 AM**

Respectfully Submitted,  
George Nichol, Secretary, CWEMF

**ANNUAL MEETING ATTENDANCE (26 persons)**

NAME	ORGANIZATION
Michael Deas	Watercourse Engineering
George Nichol	SWRCB
Amir Rangetti	DWR
Nigel Quinn	LBL
Carter Border	DHI
Kevin Richards	EBMUD
Walter Bourez	MGK
Rachael Simons	EBMUD
Stacy Tanaka	UCD/Watercourse Engineering
John Headlee	USACE
Michael Mierzwa	DWR
Gordon Thrupp	SSPA
Toby Crawford	USBR

Tara Smith	DWR
TRACY Hinojosa	DWR
Andy Thuman	HydroQual
Lloyd Peterson	USBR
Francis Chung	DWR
Jay Lund	UCD
Rob Tull	CH2M-Hill
Lisa Holm	CBDA
Paul Hutton	MWD
K.T. Shum	EBMUD
Rich Satkowski	CWEMF
Les Grober	CVRWQCB-CVR
Mark Gowdy	CVRWQCB-CVR