

CALIFORNIA WATER AND ENVIRONMENTAL MODELING FORUM

MINUTES OF THE STEERING COMMITTEE

For May 20, 2016

(This meeting was held at the Solano Irrigation District Office in Vacaville.)

Decisions	
Action Items	<ul style="list-style-type: none">• Work with Rich Satkowski on ideas for the SWRCB's Phase 2 efforts of the Bay-Delta Plan, and the 12 key concepts of the expert panel – CWEMF subcommittee• Review CWEMF's Bylaws - Elaine
Parking Lot Items	<ul style="list-style-type: none">• (Located at end of minutes.)
Motions	<ul style="list-style-type: none">• Increase the Executive Directors compensation by \$11,250 for this FY.• Permanently add \$5,000 to the Executive Director's salary starting next FY.

REFERENCES HANDED OUT:

1. Executive Director's report.
2. Minutes of the March 18 Steering Committee meeting.
3. Treasurer's Trial Balance
4. Workshop Status Report
5. Request for Ideas on Bay-Delta Plan Related Topics
6. Summary of Delta Science Program Lead Scientist's Expert Panel Presentation for the State Water Board's Workshop on "Analytical Tools for Evaluating the Water Supply, Hydrodynamic and Hydropower Effects of the Bay-Delta Plan".

1. INTRODUCTIONS/DESIGNATION OF QUORUM – The meeting was opened by Josue with 8 persons in attendance, 6 persons on the phone, and 3 proxies. A quorum was declared.

2. EXECUTIVE DIRECTOR'S REPORT – Elaine's comments related to the topics below are presented with those topics.

3. SECRETARY'S REPORT – Some minor corrections were noted. A motion was made to accept the minutes with the corrections, and the minutes were seconded and passed.

4. TREASURER'S REPORT – Stacy reported that we have total funds of \$293,600, of which \$237,300 is in the general fund, \$16,100 is in the peer review fund, and \$40,200 is in the operating reserve fund.

5. TECHNICAL WORKSHOPS –

- a. C2VSIM – Held in San Luis Obispo.
- b. IWFM – Had 23 people in attendance.
- c. MODFLOW – Coming.
- d. PEST – Coming.
- e. NHD – Coming in July.

f. METRIC - In planning phase. Will be presented by Rick Allen of Univ. of Idaho. 4 days. Could be expensive: will we break even? No location selected yet. Software has to be installed for this class. Laptops are not strong enough to hold all of the software needed.

g. IEP Workshop – Rules for small particle fish in hydrodynamics. Will be presented by Josh Israel of the USBR. Field studies are going on. How do small fish avoid predators, high velocities, and how do models account for this?

6. ANNUAL MEETING

a. **Expenses** – Last year we netted \$53,000 for the annual meeting, and this year we netted a little less. This is most likely because we ordered more coffee and more food this year, and also ordered extra awards to have on hand.

b. **Surveys** – There were 104 respondents to the survey questionnaire. Some respondents said they would like a separate work area at the Inn that could hold 5-10 people where they could go to do some office work. Some comments were for the moderators to give strict time instructions to speakers so there is time for Q & A and the breaks. It was mentioned that Jamie Anderson has some good instructions she gives to speakers on meeting time requirements. Tariq volunteered to check into methods that could be used to keep sessions on time. There was mention of having a workshop or panels on the third day. It was suggested to keep the past agenda on the web site longer.

c. **Paper Submissions** – Elaine received 10 papers. All abstracts will go onto the CEWMF website, as well as the “Proceedings” which will contain these 10 papers.

d. **Students** – There were 6-7 mentors for the student session, and 15 students/young professionals. This session was held concurrently with two other sessions.

e. **Mr. Herrick Letter** – A letter has been received from Mr. John Herrick of the South Delta Water Agency expressing some concerns over some of the content of the past annual meeting. Today there was discussion on how best to address Mr. Herrick’s comments.

7. **MODEL DIMENSIONALITY WHITE PAPER** – CWEMF is now in a financial position to spend some of its funds to advance the knowledge of modeling in the Delta. One of its first projects will be to support a white paper on when and where 1-D, 2-D, and 3-D models should be used for hydrodynamic and salinity predictions in the Delta. The selection of modeling dimensionality is up to the project proponent and is dependent upon the amount of funds available for the modeling effort and the data available, but the white paper would serve as a guide to these project proponents. CWEMF will first seek to find a Delta modeling expert who can write up a scope of work on what the white paper should cover, and then CWEMF will seek independent experts who can then write the paper. Mention was made that Tara Smith and Jamie Anderson of DWR and Marianne Guerin of RMA have made some initial efforts in writing an internal paper within DWR on this subject.

8. SUGGESTIONS FOR PROJECTS RELATED TO THE SWRCB’S BAY-DELTA WATER QUALITY CONTROL PLANNING PROCESS –

a. Rich Satkowski of the SWRCB handed out a one-page summary and made a presentation today stating that the State Water Board is in the process of developing and implementing:

- Amendments to the 2006 Bay-Delta Plan.
- Flow objectives for priority tributaries to the Delta.

b. There are four phases to this effort, as follows:

Phase 1 – Amend SJR flow and southern Delta water quality requirements (2016).

Phase 2 – Other comprehensive changes to the Bay-Delta Plan (2018).

Phase 3 – Water rights proceedings to support phases 1 and 2 (Time TBD).

Phase 4 – Develop and implement flow objectives for priority Delta tribs (Time TBD)

c. The Delta Science Program is assisting the State Water Board with a variety of tasks to complete these four phases.

d. Some tasks related to the four phases have already been completed, some are currently underway, and some are not started yet. The State Water Board is soliciting ideas for what additional items are needed for the Phase 2 effort.

e. Rich handed out a second document summarizing the results of one of the Phase 2 efforts. This document, the results of an expert panel, contains 12 key concepts most of which are related to modeling efforts in the Delta.

f. The following comments were made as to how CWEMF might help in the above efforts:

- Help in coming up with additional ideas for the Phase 2 effort (work with Rich in coming up with some focused ideas for phase 2).
- Put on some workshops if requested.
- Help in working on the 12 key concepts, such as concept #8 on identifying independent modeling experts.

g. A subcommittee was formed to work with Rich, consisting of Tariq, Ben, Elaine, Josue, Anne, and George. Peter Vorster will be asked to assist also.

h. Elaine will set up a conference call when the subcommittee is ready to get started.

9. EXECUTIVE DIRECTORS CONTRACT – As CWEMF has added more workshops over the past year the demands on the director's time have increased. It is anticipated that \$11,125 additional funding is needed to carry out the director's duties through June 30. Two motions were made, discussed, and passed as follows:

a. Add \$11,125 to the director's contract for the period of now through June 30, 2016.

b. Amend the director's contract to add another \$5,000 onto her yearly funds, starting on July 1, 2016.

10. MODEL USERS GROUPS – The DSM-2 user group will meet next Wednesday.

11. OTHER BUSINESS

a. Josue will be going to the International Association of Great Lakes Research annual meeting in June, and will make a presentation of CWEMF activities. His registration fee was waived.

b. Discuss our web site next time. What happened to the past options we discussed? Check with 34 North (visual experts) on web sites.

c. Elaine will review our by-laws to make sure they are up to date. This was prompted by the letter we received from Mr. John Herrick of the South Delta Water Agency.

d. There was some discussion on what is the difference between unimpaired flow and natural flow into the Delta.

12. ADJOURN – 12:15 pm

Respectfully Submitted

George Nichol, Secretary, CWEMF

ATTENDANCE

Josue Medellin	Convener	UCD
Elaine Archibald	Executive Director	CWEMF
Tariq Kadir	Vice-Convener	DWR
Ben Bray	Past Convener	EBMUD
Stacy Tanaka	Treasurer	Watercourse Engineering
George Nichol	Secretary	Retired (Corps/SWRCB)
Rich Satkowski		SWRCB
Holly Canada		David Ford Consulting Engrs

Proxies: Tariq for Paul, George for Fred after he leaves, Marianne for Anne after she leaves

On Phone: Anne Huber, Marianne Guerin, Fred Lee, Jobaid Kabir, Yuan Liu, Paul Hudson, Nigel Quinn

Parking Lot Items	<ul style="list-style-type: none">• Multi-Year Budget – Prepare a draft.• Peer Review Process - Development of peer review administrative process.• Investment Policy - Development of investment policy.• Financial Transparency – Determine how best to show our financial transparency to outsiders.• Bylaw Changes – Develop a proposal for updating the Bylaws
-------------------	---