MINUTES OF THE STEERING COMMITTEE

For September 25, 2009

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

Decisions

- Action Items
  - Develop draft business plan based on discussion – E.D.
  - Put income/expense discussion on annual meeting agenda – E.D.
  - Forward job announcements to E.D. for posting to web – Tara
  - Email potential LIDAR/remote sensing speakers to Tara – All

Parking Lot Items

- More discussion on alternatives to Asilomar.

Motions

- Adopted 8/28/09 minutes with edits
- Adopted annual meeting theme

REFERENCES HANDED OUT:

1. Executive Directors Report.
2. 8/28/09 Draft Meeting Minutes
3. Excerpt from DWR Newsletter on Ray Hoagland’s CWEMF Career Achievement Award

MINUTES

1. INTRODUCTIONS/DESIGNATION OF QUORUM – The meeting was opened with 11 persons in attendance, and 3 proxies. A quorum was declared.

2. EXECUTIVE DIRECTORS REPORT – The E.D. mailed out the 2008/2009 tax forms and renewed the Monkey Survey subscription. Received an email from Bill Smith of MWH stating that they are going to try to increase participation in CWEMF. Executive Director’s Report contains ideas on income/expense management (pp 5-6). The individual membership fee is $100. Other organizations, such as GRAC, have a cap on number of employees per organizational membership. CWEMF currently offers workshops to members for free, which reduces income (after the membership fee is paid). An idea is to provide a discounted member fee for workshops and/or make membership a separate fee. The CWEMF could implement a sliding scale for organizational fees based on number of employees participating. Ideas to reduce costs are to reduce the number of Steering Committee meetings, workshops, or conduct a 2-day vs. 3-day annual meeting. Small workshops of 30 costs about $500 (not including ED’s time) for refreshments,
handouts and miscellaneous items. Other ideas to increase revenue is to allow member logos to be included on the annual meeting program (say $2500, $1000) or a CWEMF newsletter for a fee. The CWEMF could possibly apply for a grant to fund the first newsletter (from one of the foundations, such as Packard or Google). Bottom line: CWEMF is not in trouble, but needs to watch funding, expenses. We might want to draft a business plan outlining what we could do with what level of funding. E.D. will work with these ideas. Suggestion to put this topic on annual meeting agenda.

3. SECRETARY’S REPORT – Corrections to 8/28/09 minutes: The workshop list should be at end of minutes. Deas, Lund didn’t attend. Item 9 “profession” should be replaced with “user community” and CUAHSI HIS is misspelled in one location. With suggested edits minutes were adopted (NQ 1°, TS 2°).

4. TREASURER’S REPORT – Stacy not in attendance so Mike Deas provided the report for her: $7,000 in general fund, $37,500 in peer review fund. Question on magnitude of tax fines. About $3,000 for 2-3 years ago. CWEMF doesn’t pay taxes (as a nonprofit) but does have to pay fees for late filing.

5. TECHNICAL WORKSHOPS – DSM2 Training workshop was held last week. Training was briefly described and discussed. Since DWR’s interest letter generated enough attendees, a formal notice was not sent out. Due to room limitations, private companies were limited to one attendee. Training materials are located on DWR’s website, so folks can do virtual training. The E.D. is working on an agenda for a groundwater workshop.

6. PEER REVIEW / MODEL USER GROUPS – E.D. drafted a letter to Reclamation for matching funding for the proposed comparative groundwater model peer review. There was also a DSM2 mini-calibration done for BDCP, where they added Liberty Island flooding. Chandra Chilmakuri (CH2M Hill) did a great calibration report, but it still needs to be accepted by community. The report is being released to the DSM2 Users Group for feedback to judge its acceptability and determine if a peer review is needed. Tara’s group hiring 3 new modelers and will send announcement to E.D. for the CWEMF website. Paul suggested peer reviewer funding to produce peer-reviewed paper or papers on DSM2. We might want to fund one person to spearhead this effort. SWC might be interested in contributing funding. The purpose is to provide reference-able materials on the model for DSM2, PTM, nutrient modeling. Fred mentioned the work being done on the EPA’s new nutrient criteria, and how this might be used in future nutrient modeling efforts.

7. 2010 ANNUAL MEETING PREPARATION – E.D. report pp. 2 has theme ideas. E.D. reviewed the survey responses (also in E.D. report). Group brainstormed on theme ideas, adopted the theme “Modeling in the Eye of the Storm” (MG 1°, LH 2°). Keynote Speaker ideas: Scott Stine, BDCP/Tim Quinn, Delta Vision, FWS/NMFS on biological opinion or an enviro (Cain)/ag (Patterson), Ellen Hanack (PPIC). E.D. will contact Jay, Steve C. and Peter V. E.D. reported that we will use PayPal for registration. Lisa Holm offered to put E.D. in touch with a merchant services representative to explore a seasonal account (to accept credit cards). E.D. report pp 3 has session ideas, pp4 has session topic
survey responses. E.D. suggested considering the top 3 categories in each topic area. The survey on volunteering to produce a session has gotten two responses: CA Water Plan and Groundwater. Nigel suggested replacing CUASHI-HIS with Wetland/Salinity/TMDL. Rob will do a session on uncertainty. LIDAR is being used for stream restoration, so a LIDAR/remote sensing session was proposed. Potential speakers on LIDAR should be emailed to Tara. Francis Chung suggested a REALM/UNTRIM discussion, maybe tentative. Leave Tara as point of contact for now for DSM2 session. Mike Deas can do a temperature modeling session. Isolated facility included in BDCP. The CWEMF Annual Meeting session slot are now all full.

8. OTHER BUSINESS – Nigel asked what was happening with the IWFM user group, with DWR and the model. DTA is the new model of consumptive use. Someone asked about a MODFLOW training workshop.

11. ADJOURNED – 12:00 pm. Next meeting is on Thursday, November 19, 2009, at Solano Irrigation District Office in Vacaville.

Respectfully Submitted
Lisa Holm, for
George Nichol, Secretary, CWEMF

ATTENDANCE
Paul Hutton           Convener, MWD
Rich Satkowski       Executive Director, CWEMF
Nigel Quinn          LBNL
Tara Smith            DWR
Lisa Holm             USBR
Marianne Guerin      Vice Convener, RMA
Peter Baker          Stillwater Sciences
Rob Tull             CH2M-Hill
Mike Deas            Watercourse Engineering Inc.
Lucinda Shih         CCWD
G. Fred Lee          GFL & Assoc.

Proxies: Jay Lund, John Williams, Stacy Tanaka
<table>
<thead>
<tr>
<th>Workshop Title</th>
<th>Status</th>
<th>Workshop Lead</th>
<th>Other Contact(s)</th>
<th>Proposed Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>DfMC Version 7 Training</td>
<td>2</td>
<td>Tara Smith</td>
<td></td>
<td>July, August</td>
<td>Nigel and Lisa will follow-up on a workshop—there's enough here for at least one.</td>
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<tr>
<td>Real-time WG Management on the GPR</td>
<td>3</td>
<td>Nigel Quinn and Lisa</td>
<td></td>
<td>Early Fall 2009</td>
<td>The State Board will work with the CWEMF to follow up on this workshop.</td>
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<tr>
<td>Process Models for Nutrient Dynamics in the Delta</td>
<td>3</td>
<td>Paul Hutton, Marianne Guerin</td>
<td></td>
<td>Early Fall 2009</td>
<td>Would like to follow up on a workshop—there's enough here for at least one.</td>
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<tr>
<td>Dynamic Modeling of Soil Water Salinity Build-up in Californian Soils</td>
<td>3</td>
<td>Marc Godoy, Les Crook, Glen Ruthman</td>
<td></td>
<td>Fall 2009</td>
<td>The State Board will work with the CWEMF to follow up on this workshop.</td>
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<tr>
<td>Delta Water Quality Modeling: pollutant transport and transformations</td>
<td>1</td>
<td>G. Fred Lee</td>
<td></td>
<td>Spring 2010</td>
<td>Workshop will review the current understanding of the modeling of Delta water quality models and the role of the State Board in this effort.</td>
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<tr>
<td>Modeling the Delta Smelt and Chinook Salmon Biophysical Optimums</td>
<td>3</td>
<td>Eric Reyes</td>
<td></td>
<td>Spring 2010</td>
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<tr>
<td>San Joaquin River Restoration Plan</td>
<td>3</td>
<td>Peter Vorster, Rich Saldinowski</td>
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<td>Fall, Winter 2009</td>
<td>Workshop will review the current understanding of the modeling of Delta water quality models and the role of the State Board in this effort.</td>
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<td>CALSIM II</td>
<td>3</td>
<td>Sathish Anand</td>
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<td>Fall, Winter 2009</td>
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<td>Groundwater Modeling</td>
<td>3</td>
<td>William H. Halsey</td>
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<td>Fall, Winter 2009</td>
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<td>Design basis for a practical surface-groundwater model for conjunctive management</td>
<td>3</td>
<td>Herbert Monte-Sperber</td>
<td></td>
<td>November 2009</td>
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<td>Sampling for Fishery Models</td>
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<td>John Williams, Rich Saldinowski</td>
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<td>HydroGeoSphere</td>
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<td>George Malinowski, Lisa MacKinnon</td>
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<td>Modeling Habitat Restoration</td>
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<td>Mike Tawsey, M. Guerin</td>
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<td>George Nicholls</td>
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<td>Wadable Streams</td>
<td>3</td>
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**Status:**

1. Schedule finalized or nearly finalized
2. Detailed development underway
3. Concept stage
4. External Group