

**Joint Economic and Social Impact and  
Technical Advisory Committees  
Thursday, July 15, 2010 9:00 AM to 12:00 PM**

**Attendees:** See [Roster](#) for attendance.

**Technical Committee Co-Chair Nigel Quinn called the meeting shortly after 9:00 am followed by introductions of all present in-house and on teleconference.**

**1. Welcome, Introductions, Circulate [Roster](#)**

**2. Review/Approve [June 10 Technical Committee Meeting Notes](#)**

**Motion to approve by David Cory; Seconded by Dennis Westcot; Motion was approved**

**3. Modeling Beneficial Use for AGR- RWQCB review of approaches 8a**

Jim Martin, from the RWQCB presented a brief overview of the site specific EC studies being required in NPDES Permits. [His presentation is posted](#). The studies are the set site specific EC objectives for the receiving waters of the discharge. In the Davis study that Jim discussed the study is to protection of agricultural uses of the receiving waters downstream of the discharge from their plant.

Then UC Davis EC Study was performed by Dr. Steve Grattan one of 10-12 required studies from dischargers. The report was submitted in 2004 and reviewed, however discussion continued on the study and the permit was renewed in 2008 without the study accepted by the RWQCB with a new deadline of 2012. The permit was remanded by the SWRCB in March and requires the report to be completed by December 2010.

The Grattan model differs from the Hoffman model that has been discussed in CV-SALTS in that it is dynamic. It uses a daily versus annual time period or step. Jim highlighted that the study also does not achieve 100% protection of dry bean yield in all water years ranging as low as 90%. The report also uses a 0.6 inch per month bare soil evaporation rate in the winter, which staff questions as appropriate. The report has not been peer reviewed. Finally, the study recommends Site Specific EC objective of 1,100  $\mu\text{S}/\text{cm}$  as a monthly average to be protective of AGR beneficial uses downstream of the discharge.

Jim posed questions he asked the participants of CV-SALTS to respond to by July 30, 2010 shown below:

- Is the Grattan Model Acceptable?
- What percent crop protection is reasonable?
- What winter bare soil evaporation is appropriate?

Jim and Rudy also mentioned that there was a Revision of the MAA scheduled to go to the board soon and may wish to be reviewed at:

[http://www.waterboards.ca.gov/centralvalley/water\\_issues/salinity/monthly\\_regional\\_coordination/index.shtml](http://www.waterboards.ca.gov/centralvalley/water_issues/salinity/monthly_regional_coordination/index.shtml)

Written comments should be submitted to Jim by July 27, an August 5<sup>th</sup> Stakeholder meeting will be held at the Regional Board at 9:30.

Some discussion ensued related to the questions and several stakeholders appeared to be willing to provide comments. The comments and any related issues will be on the agenda in August.

#### **4. Technical Subcommittee Meetings Updates from [Active Subcommittees](#)**

- a. BMP Subcommittee Notes Technical Review Proposal  
Daniel Cozad Reviewed the BMP Subcommittee Management Practice Evaluation Approach and gave an update on their progress. The approach also contains a section to provide direction on the technology and approaches that should be brought to the CV-SALTS Committees.
- b. Knowledge Gained Subcommittee Report status and discussion  
Daniel and other member of the subcommittee identified the efforts underway. Most efforts currently are channeled into two documents the Knowledge Gained discussion document and the Straw framework for studies and data. These will be further segregated to complete elements in August for committee review.
- c. Phase I BUOS Subcommittee Update Water Quality Criteria Example  
Because Kennedy Jenks staff were not schedule to attend, Daniel provided a brief update on the work that is ongoing and answered several questions about the water quality criteria example in the package. A full presentation is scheduled in August.
- d. Chairs Recommendation USEPA IEMHUB: <https://iemhub.or/home>  
Chair Quinn discussed process and status of the IEMHUB that EPA is fostering and some discussion ensued on the use and capacity to help CV-SALTS. All were encouraged to register and follow the progress.

#### **5. Recommendations Technology review and CV-SALTS presentation**

Discussion and Presentation under item 4a. Technical Committee approved the approach on package page 19 and forwarded it to the Executive Committee for final approval. Chair Quinn suggested that there were committees set up of professors and other experts for review of such efforts and that this may be useful for this work too.

#### **6. Review discuss Progress Demonstration List items 1a**

- a. Review Luce Environmental Science Fellowship Proposal  
The Luce Environmental proposal was selected and we will receive notice in September when a group selects the project. The Technical Committee will form a subcommittee to work with them.

- b. Updated Technical Tasks likely to use in-kind contributions from workplan  
Detailed discussion deferred to a future meeting
- c. Comments on the Scope and Budget document  
Detailed discussion deferred to a future meeting

**7. Review BUOS Stakeholder Identified Issues**

The Committee discussed the issues as compiled by Daniel Cozad and provided feedback on the list in general. In addition several items were edited and will be reflected in the final for committee approval in August. Additionally, participants noted that in this process potential use needs to be better defined and understood so that we can clarify the issues and use it properly.

**8. Questions for Data and Database planning Brainstorming**

- a. Distributed data collection and management discussion

The time available was used to develop a short list of questions for the use of the committee and the Database management presenters to focus discussions. The list will be reviewed in August. Further discussion of this item was deferred to the next meeting. Further questions and comments to be forwarded to Daniel.

**9. Actions/Recommendations/Report to the Executive Committee**

- a. State Water Plan attendee for CV-SALTS  
Discussion of this items was deferred to the next meeting.

**10. Next meeting date, August 12, [2010 Calendar](#) at Sac Regional.**

**11. Adjourned**