

**Meeting Notes
CV SALTS
Economic and Technical Advisory Committee
September 16, 2009**

Attendees: See [Committee Roster](#).

1. Welcome, Introductions

Chair Quinn welcomed the group and began introductions. The Roster was circulated and those on the phone or internet and in person at the meeting were listed.

2. Review/Approve August 19th [Technical Committee Meeting Notes](#)

Upon Motion by member Cory and second by member Westcott the meeting notes were approved by acclamation.

3. Salt/Nitrate Source Pilot Update on Progress Presentation

Bob Smith made a presentation on the status report and update from the LWA team:

They have completed most of the data gathering requests and review of preliminary data. Luhdorff & Scalmanini is fitting groundwater data and model effort and will coordinate the issues between models. The groundwater model interaction should be presented to the committee for review.

Newfields Environmental is working on land use. A contact was made to compare models of fertilizer application rates, data is available in both urban and Ag areas.

It was brought to attention that a connection is still in existence with the developer of the Hilmar Database. The Hilmar database will ease the importation of wasted discharge requirement and food processor waste information. There are no new major data sources at this time but many individual sources within grouped sources such as irrigation districts and water districts. The plan is to wrap up data input over the next few weeks and at the end of the month it should be possible to do initial runs. This was confirmed by Joel.

LWA team will be meeting with dairy representatives to review loading per acre information from them. A questions on dairy arose, it was explained that; there is a need to look at what would be reasonable assumption on

average for dairy and feedback is expected from dairy to see if they agree with the current approach.

Joel explained what initial runs are involved and what outputs will be. By running primarily recent time periods to reflect current conditions to produce the mass budgets for salt and nitrate. The budgets can be made on any scale with multiple geographical scales for those budgets.

4. **Technical Presentation on management controls CST**

A summary [Presentation](#) was provided on what CST (Combined Solar Technologies, Inc.) is and what they do. CST is a service company that creates clean energy and clean water for its clients using proprietary technologies coupled with renewable energy and water-reclamation systems to create solutions to complex problems. They highlighted the work they are doing with Musco Olive.

CST's speaker explains that they began to work on a process for converting waste water into usable water. An explanation on water purification using the distillation process was given. Also that by using low temperature/ low pressure systems steam is created to generate electricity. CST has worked with the food processing industry, dairy industry and wine industry.

CST has worked for five years solving California's salinity problem. That experience has shown that a long term solution will need to incorporate sustainable energy as well as water reclamation systems. The combined approach has proved successful in several applications in the central valley.

5. **[Hoffman Report](#) further discussion on use by RWQCB Schnagl**

Rudy gave an update on funding stating that last spring the state water board gave \$1.2 million dollars to work on water quality objectives and beneficial uses as part of an effort to develop a management for the Central Valley.

6. **Review/Discuss [Draft Beneficial Use/Objectives SOW](#) (Subcommittee)**

The goal is to have that work scoped and put together so that by the time we have a contract to move the money we can say what we can spend the money on without a lag. Our scope of work should be constructed by late October.

The various phases were discussed and gone over. Phase one: background and work plan, Phase two: identifying existing water quality, Phase three: preliminary objectives. The interpretations of the tasks were discussed. GIS was covered and explained.

A request was made for volunteers for the committee, Paula, Dennis, Lisa, Travis, Darrin, and Rudy will be heading the project review. It was suggested that by early October a chair be assigned to have call.

7. Review edit and approve [Response Letter](#) Groundwater Strategy

A problem with the agenda was brought to the attention of the group. The Agenda showed two links that redirected to the same file missing the Michael Comments.

The committee's discussion ensued on the comments and changes to the Groundwater Strategy Response letter. The committee went over issues concerning cost effectiveness of groundwater monitoring. Many had concerns with the Letter. There were issues brought to attention about questions being mostly unanswered.

Discussions arose as to what changes were to be made to the letter and when these changes would take place. Pam requested continued coordination from CV-SALTS as the primary goal of the letter and timing was relatively flexible.

A proposal was made to give a recommendation to the Executive Committee to go ahead and express commitment to subordinate with the Groundwater Strategy and that a draft to be made of a simplified version.

8. Coordination [MATRIX](#) & [Process](#) updates and completion deadlines

It was brought to attention that various processes worth mentioning to the committee was the method and manner that would be used by the regional board to help sorting projects and programs.

Cozad introduced the concept of indicator permits or projects; rather than have to follow all permits in renewal of issuance. Additionally, the project would be linked most closely that had the highest relevance and likelihood to change the basin plan.

Additionally, there may be other indirect study efforts that will be followed at a lower level of detail.

9. Salinity and the State Water Plan, Department of Water Resources

Lew Moeller from the Department of Water Resources presented the California Water Plan Update. He explained that Salt and Salinity Management had been added into the California Water Plan. They would like to enlist CV Salts in updating strategy. In this version and in future versions.

The speaker explained what would be included in the California Water Plan such as Beneficial Uses; Costs; Major issues facing, urgent and long-term needs were added.

A section included statewide basis salt movement and concentration in California. Issues are the availability of data and representation of data. There will be a commentary on October 22nd.

10. Actions/Recommendations/Report to the Executive Committee

Chair Quinn reviewed the items for the Executive Committee and the group evaluated next efforts before the following meeting date October 29

11. Meeting Adjourned at approximately 12:05