

Salinity Management and Imported Water Recharge

Plenary Workgroup

May 22, 2008

SIGNATORIES:

Jayne Joy, EMWD
Greg Woodside, OCWD
Craig Miller, OCWD
Marsha Westropp, OCWD
Sam Fuller, SBVMWD
David Aladjem, SBVMWD/WMWD
Jack Safely, WMWD
Phil Miller, EVMWD
Max Rasouli, City of Riverside
Thomas White, City of Corona
Val Housel, City of SBMWD
Jennifer Bell, City of SBMWD

OTHER ATTENDEES:

Jack Nelson, YVWD
Jerry Thibeault, CRWQCB
Tim Moore, Risk Sciences
Robert Nienhuis, IEUA
Mark Wildermuth, WEI/STWMA
Mark Norton, SAWPA
Regina Patterson, SAWPA

Call to Order / Introductions

The Salinity Management and Imported Water Recharge Workgroup meeting was called to order at 2:00 p.m. at the Santa Ana Watershed Project Authority located at 11615 Sterling Avenue, Riverside, California. Introductions were made.

Approval of April 15, 2008 Meeting Summary

Mark Norton asked if there were comments or revisions to the April 15, 2008 Meeting Summary. Hearing none, the meeting summary was received and filed.

Upon motion by Mr. Woodside, seconded by Mr. Miller, the motion unanimously carried:

IWR 08/05-01

MOVED, approve the April 15, 2008 Meeting Summary as presented.

Review of Expert Panel Scope of Work and Cost Estimate

Mark Wildermuth reported that the panel has met but currently, scheduling has been a problem. He created a scope to allow Dennis Williams and himself time to review the body of work in the basin. An initial process would be prepared and the scope for the methodology is produced. The cost to get the methodology prepared would be \$40,000 to \$50,000, along with about \$20,000 to \$25,000 for Dennis Williams as co-author to go through the same process. There will have to be a lead author. References have been exchanged, speech developed and added to the bibliography and they have agreed to meet again on June 12, 2008. A relationship has to be established. Mr. Williams has not signed off on the scope. Tim Moore said this isn't to do the work, it is to define the process to do the work.

Mr. Wildermuth said we have to do a 20-year projection of salt balance for all groundwater basins. Mr. Norton said now knowing what impacts those projections and what that recharge has on downstream groundwater basins, will the work require evaluating all salt inputs, surface and subsurface, resulting from upstream recharge? Mr. Wildermuth indicated that to do this right, it must.

Sam Fuller said the signed agreement included the names and descriptions of the models that were anticipated to be run to satisfy our agreement with what we would provide to the Regional Board. For example, we would run our model and generate boundary conditions for this period of time that the next basin down would take as their upstream boundary conditions to run their model and come up with downstream conditions from their model, and from that method progress to Orange County. Mr. Wildermuth said he is talking about a uniform way so that if San Bernardino does their salt tracking in their models, it looks the same as what happens in Orange County. This is more about how to deal with forecasting salt loads and getting that feedback loop into the models. They don't have that ability in current models so a code has to be written around it. The returns from irrigation are not being addressed. Every management zone is degrading because of irrigation returns. Discussion ensued.

Mr. Norton said there is a distinct difference between what was accomplished in the maximum benefit for Chino Basin and the model that was done for San Bernardino. Mr. Wildermuth recommended using the tools that make the most sense in the location you're at, and where you are in your planning. Then, there should be a common way of making sure how salt is handled.

Mr. Wildermuth said he will request that Dennis Williams describe how he handles salt. References have been provided to him. **Meanwhile, a draft will be prepared for Dennis' review and a scope of work will be provided to this Workgroup as soon as possible.**

Mr. Norton asked if there were any parties that would not be contributing or supporting this effort? **Mr. Moore suggested adding that discussion to the Basin Monitoring Program Task Force meeting agenda.**

Facilitator/Consultant Support Scope and Cost Estimate

Mr. Norton presented Tim Moore's scope of work and cost estimate for his services in support of this effort. The estimated total costs are \$63,360. There is approximately \$45,000 available from the Nitrogen and TDS Task Force for administration and consultant costs. He asked, until a scope of work is received, how do we want to fund this? Two months after the methodology is complete we will have a better cost estimate for the coming year beginning July 1, 2009.

Future Meetings

Future meetings of the Workgroup are scheduled for:

- June 30, 2008 at 2:00 p.m.
- July 31, 2008 at 2:00 p.m.
- August 25, 2008 at 2:00 p.m.

Adjournment

The meeting adjourned at 3:55 p.m.