

Emerging Constituents Workgroup

December 7, 2009

ATTENDEES:

Marsha Westropp, OCWD	Oliver Pacifico, CDPH
Greg Woodside, OCWD	Heather Collins, CDPH
Jason Dadakis, OCWD	Sean McCarthy, CDPH
Roger Lewis, LACSD	Lyndy Lewis, City of Corona
Jodie Nygaard, LACSD	Mark Bulot, SBVMWD
Linda Garcia, WMWD	David Aladjem, SBVMWD/WMWD
Valerie Housel, City of SBMWD	Sam Fuller, SBVMWD
Bobby Gustafson, City of SBMWD	Jayne Joy, EMWD
Kristen Wardlaw, YVWD	Edward Filadelfia, EMWD
Joe Zoba, YVWD	Robert Kent, USGS
Kathy Kunysz, MWDSC	Joe LeClaire, WE Inc.
Melissa Dale, MWDSC	Gerard Thibeault, CRWQCB
Jeff Mosher, NWRI	Cindy Li, CRWQCB
Jack Safely, WMWD	Tim Moore, Risk Sciences
Nel Groenveld, IEUA	Mark Norton, SAWPA
Darrell Smith, Floating Islands West	Regina Patterson, SAWPA
Jim Colston, OCSO (via Teleconference)	

Call to Order / Introductions

The Emerging Constituents (EC) Workgroup meeting was called to order at 1:35 p.m. at the Santa Ana Watershed Project Authority located at 11615 Sterling Avenue, Riverside, California. Introductions were made.

Approval of Meeting Summaries

Mark Norton presented the November 17, 2009 Meeting Summary for approval. Comments and clarifications were provided. Hearing no additional comments, the Meeting Summary was received and filed as amended. (see meeting notes at www.sawpa.org)

GAMA Study Results in Santa Ana Watershed

Tim Moore reported the USGS has been doing groundwater ambient monitoring and assessment across the country. They collected samples from this area in 2006-2007 and among the things they were looking for in analyzing those samples was a list of ECs. The USGS has completed its report on the Santa Ana groundwater ambient monitoring so Robert Kent was invited to talk about those efforts and how it fits with the work this Workgroup is doing.

Robert Kent, USGS presented "*Groundwater Ambient Monitoring and Assessment (GAMA) Program*" (see full presentation at www.sawpa.org). He exhibited lists of the co-operators, partners and well owners.

Study Unit Characterization and Program Design - Mr. Kent reported the Upper Santa Ana Watershed Study Unit is located in the smallest of the ten hydrogeologic provinces in the State of California, called the 'transverse ranges and selected peninsular ranges hydrogeologic

province'. The study unit is made up of three groundwater basins 1) Santa Ana Valley; 2) San Jacinto; and 3) Elsinore Basin. The Upper Santa Ana Watershed is broken into the following six study areas:

1. Bunker Hill, Cajon and Colton-Rialto Basins
2. Chino and Cucamonga Basins
3. Riverside-Arlington and Temescal Basins
4. Elsinore Basins
5. San Timoteo and Yucaipa Basins
6. San Jacinto Basin

The six areas are then broken into cells of approximately 10 square miles noting that because Elsinore was so small (about 40 square miles), four wells were chosen to be sampled instead of breaking it into cells. Public, desalter, monitoring and domestic wells were sampled in the study areas.

Data Results Relevant to EC Task Force - Mr. Kent said the assessment is designed to characterize aquifers used for public supply and the results are not representative of water delivered to consumers by water purveyors. The majority of analytes were not detected and the vast majority of constituents were detected below Maximum Contaminant Levels (MCLs).

In summary, Mr. Kent stated that most wells contain at least one VOC and at least one pesticide, and 9% of the grid wells had at least one pharmaceutical.

Mr. Kent said he will provide hard copies of the GAMA report for the Santa Ana River Watershed to the workgroup.

Phase II Emerging Constituents Investigation Program

Mr. Moore presented the most recent version of the Phase-II Report of the Emerging Constituents Investigation Program for the Santa Ana Watershed, reporting that most every change requested has been incorporated. The report was discussed with minor revisions received.

Mr. Norton said the signature pages will include MWD and the Regional Board along with the participating agencies. It was also requested that WRCRWA be added.

Mr. Norton stated he will review the annual costs for each agency necessary to support preparation of the annual sampling program and provide a report at the next meeting.

Mr. Moore will email the final version of the Phase-II Report to the workgroup by noon Tuesday, December 8th.

Preparations for Sampling and Analysis Plan - RFP

Mr. Norton reported follow-up meetings will be scheduled to discuss which labs will be a part of the sampling and analysis plan.

Blue Ribbon Panel – Status Update

Mr. Moore said he has invited a member of the Panel to address this group at the January 21, 2010 meeting.

Future Meeting(s)

Thursday, January 21, 2010 at 9:30 a.m.

Adjournment

The Emerging Constituents Workgroup meeting adjourned at 3:45 p.m.

Handout(s) (available at www.sawpa.org)

1. Groundwater Ambient Monitoring and Assessment (GAMA) Program