

SACRAMENTO CENTRAL GROUNDWATER AUTHORITY (SCGA)
Governing Board Meeting
Final Minutes
November 10, 2010

LOCATION: 10060 Goethe Road, Room 1212
Sacramento, CA 95827
9:00 a.m. to 11:00 a.m.

MINUTES:

1. CALL TO ORDER AND ROLL CALL

Chair Ken Payne called the meeting to order at 9:02 a.m.

The following meeting participants were in attendance:

Board Members (Alternate Rep):

Darren Wilson, City of Elk Grove
Ken Payne, City of Folsom
Elizabeth Sparkman, City of Rancho Cordova
Jim Peifer, City of Sacramento
Herb Niederberger, County of Sacramento
Rick Bettis, Conservation Land Owners
Anthony van Steyn, Agricultural Interests
Stuart Helfand, Agricultural-Residential
Ron Lowry, Omochumne-Hartnell Water District
Edwin Smith, Public Agencies Self-Supplied
Ed Crouse, Rancho Murieta Community Services District
Jose Ramirez, Sacramento Regional County Sanitation District
Paul Schubert, Golden State Water Company

Staff Members:

Darrell Eck, Executive Director
Heather Hawke, Clerk
Ping Chen
Ramon Roybal

Others in Attendance:

Ali Taghavi, WRIME Inc.
Jim Blanke, WRIME Inc.
Jeanna Long, WRIME Inc.
Alex MacDonald, RWQCB
Rob Swartz, Sacramento Groundwater Authority
Lysa Voight, Sacramento Regional County Sanitation District

Member Agencies Absent

Commercial/Industrial Self-Supplied (Vacant)

*Elk Grove Water Service
California-American Water Company*

2. PUBLIC COMMENT

None

3. CONSENT CALENDAR

The draft meeting minutes for the meeting held on September 8, 2010 were reviewed for final approval.

Motion/Second/Carried – Mr. Bettis moved, seconded by Mr. Smith, the motion carried unanimously to approve the minutes.

4. DEMONSTRATION OF THE DATA MANAGEMENT SYSTEM AND USER INTERFACE

Darrell Eck reported that work on an update of the Data Management System for the Groundwater Authority began in November 2008 and was nearly complete. Jim Blanke and Jeanna Long with WRIME Inc. then provided a PowerPoint demonstration of the Data Management System and user interface. Topics covered included:

Overview of HydroDMS:

- Web-based platform to manage, analyze, and view water data.

Data:

- Server location - Cogent Communications Center, San Francisco, CA.
- Types – water level, pumping, groundwater quality, lithology.

Database structure and user permissions:

- SCGA vs. SGA (data from both entities in the same database separated by virtual wall)
- User types and permission levels.

User interface:

- Interface organized into “modules” – Data Manager, Data Viewer, Publish Manager, Model Manager, Toolbox, User Manager.

Future enhancements:

- SB6 tools, BMO threshold development, well log images, reconciliation of overlap areas (SCGA/SGA boundaries), surface water data, climatological data.
- Maintenance – on-going user support, hosting, software updates.

Discussion following presentation:

Ken Payne asked about the handling of access privileges for agencies that are in both the SCGA and SGA. Mr. Taghavi replied that an individual organization's data would be assigned to either the SCGA or SGA side of the virtual database wall and that access privileges would be assigned by the super administrator of either side of the database. Mr. Taghavi continued saying that once data was shared (for reporting purposes) it could be shared across the entire database. Mr. Taghavi finished by stating that the design of the database was such that it would allow for data to be shared between the two basins for generating such items as contour maps, which require data to be shared for accurate characterization, while also being mindful of protecting the privacy of data specific to each organization. Mr. Niederberger asked if it was possible to generate reports, such as groundwater contours, without sharing the raw data supporting them. Mr. Taghavi responded in the affirmative and further explained that the only the super administrator of SCGA or SGA would have the ability to access data across the virtual wall.

Mr. Crouse asked if subsidence data was incorporated in the database. Mr. Taghavi replied that it was currently not included but that the HDMS was flexible enough to do so. Mr. Eck added that subsidence data was mainly an issue that was currently being tracked north of the American River and that a reasonable approach may be to tier off of that effort for application in the Central Basin.

Mr. Bettis inquired as to the amount of effort needed to include surface water data. Mr. Niederberger suggested that such data may be reflected through the effect of decreased groundwater pumping. Mr. Bettis responded that incorporating surface water data then becomes more critical in that it would aid in making a correlation between the effects of surface water use on groundwater levels.

Mr. Crouse then asked if the HDMS had the capability to track groundwater recharge data such as may be the case for the City of Roseville's proposed aquifer recharge project. Mr. Taghavi responded that tracking such a project via the HDMS would be a matter of adding another data point and then collecting the relevant data. Mr. Crouse followed up by then asking if the Aerojet and McClellan plumes were being tracked. Mr. Taghavi answered that remediation data in terms of pumping, injection, surface water discharge, and groundwater water levels from Aerojet were included in the HDMS.

Mr. Ramirez asked if future Sanitation District projects, which could result in additional ten thousand acre feet of water to be used within the basin, could also be reflected in the HDMS. Mr. Taghavi replied that it could absolutely be incorporated in the HDMS and that it could almost be treated as a source of surface water input which is something the system was already capable of doing.

Mr. Eck stated that staff would be working closely with WRIME on planning and incorporating future enhancements to the HDMS and that there were opportunities to fund such activities through the upcoming AB 303 grant process.

5. UPDATE ON GROUNDWATER CLEANUP PROGRESS AT AEROJET

Alex MacDonald from the Regional Water Quality Control Board (RWQCB) provided a PowerPoint presentation regarding groundwater remediation actions at Aerojet. The presentation consisted of a historical overview, description of contaminant types, location and movement of contaminants, and current remediation activities. Mr. MacDonald stated that the maximum daily pumping capacity of all remediation facilities is currently 19,600 gallons per minute (gpm) with a maximum estimate of 22,000 gpm planned for the future. Mr. MacDonald also stated that 106 billion gallons of groundwater have been treated to date with an estimated 150 pounds of chemicals removed per day for a total 840,000 pounds. Mr. Crouse inquired as to a cost estimate for the long range 250 years for complete remediation. Mr. MacDonald stated that normal cleanup cost estimates account for a thirty year planning horizon and that anything after thirty years cannot be accurately accounted for. Mr. Crouse asked how much had been spent so far and Mr. MacDonald estimated it to be over \$100 million.

6. SACRAMENTO WATER RECYCLING COALITION

Jose Ramirez and Lysa Voight from the Sacramento Regional County Sanitation District (SRCSD) introduced the SRCSD's plan to form the Water Recycling Coalition within the Sacramento region in an effort to build support for its water recycling program. Mr. Ramirez alluded to the presentation that the SRCSD gave before the SCGA Board on September 9, 2009 in which Phase 1 and future phase projects were described. Mr. Ramirez provided a description of the SRCSD's existing recycled water facilities while also stating that the SRCSD has been working for the past five years with the SCWA and the City of Elk Grove to expand the existing Phase 1 project to serve the Phase 2 areas. He stated that the plan is to build a new pipeline to convey the recycled water from the SRCSD main plant to the Phase 2 areas, which include the East Franklin and Laguna Ridge communities within the City of Elk Grove. Mr. Ramirez stated that the demand for the area was about 2,700 acre feet per year but that due to SCWA's budget constraints, construction hadn't moved forward with the conveyance infrastructure. Mr. Ramirez also stated that SRCSD was working with the Sacramento Municipal Utilities District (SMUD) and the City of Sacramento to complete a high level evaluation to provide recycled water service SMUD facilities that are currently planned to use surface water provided by the City of Sacramento. The idea would be to offset the potable water supply with recycled water. Mr. Ramirez then said that SRCSD was also looking at the potential of constructing a pipeline along 24th Avenue, within the City of Sacramento, to convey recycled water to the Campbell Soup plant. Ms. Voight then addressed the purpose of SRCSD's formation of a Water Recycling Coalition, stating that they had conducted meetings to discuss other potential users of recycled water, to attempt to answer questions, and to try to gain momentum for the use of recycled water in the Sacramento Region. She stated that the participants of these meetings represented other groundwater authorities, high volume users, and cities that may have an interest

in recycled water with the objective of forming a coalition to figure out who could use the water and how to resolve conveyance issues. Ms. Voight stated that SRCSD was seeking a letter of support from SCGA along with permission to use the SCGA logo for appropriation requests, funding requests, grant proposals, and letters to government representatives in matters seeking support of the expansion of the water recycling program.

Mr. Payne sought clarification from Ms. Voight that SRCSD was merely seeking permission from SCGA to loan use of its logo solely for the purpose of seeking political and funding support and that no further commitment beyond was being requested at the current time. Ms. Voight responded in the affirmative. Mr. Peifer then requested that a decision on the matter be moved to the January board meeting as he required time to take the matter back to the City of Sacramento for an internal discussion. Mr. Peifer indicated the City of Sacramento wanted to be on track with SRCSD's project and needed more dialogue regarding the specifics of its seeking the formation of a Sacramento area Water Recycling Coalition. Mrs. Sparkman asked for clarification on the SRCSD's plan and funding source for what was being proposed. Mr. Ramirez responded that the idea was merely to approach the cities of the Sacramento region for their stated support of the SRCSD's water recycling projects. Mrs. Sparkman then asked if the definition of recycled water was only limited to the affluent from the regional water treatment plant or if it considered other sources like GET water. Mr. Ramirez replied that currently the project only considered effluent as the source of supply. Mr. Smith suggested any public agency representative on the SCGA board might need to go back their respective board for further direction and expressed his support of Mr. Peifer's motion to continue the item to the January meeting. Mr. Payne stated that, on behalf of the City of Folsom, they would support the use of the SCGA logo for the SRCSD's efforts, however if colleagues on the board had concerns, he supported the motion to continue the item. Mr. Payne asked for a motion to continue the item to the January 12th, 2011 board meeting. Mr. Smith motioned and Mr. Payne seconded. The motion passed unanimously.

7. REPORT BACK ON WELL PROTECTION PROGRAM

Mr. Payne stated staff had requested to move the report to the January 12, 2011 board meeting in an effort to further collect the necessary background information to provide a thorough report.

8. EXECUTIVE DIRECTOR'S REPORT

Mr. Eck reported that in response to the Board's vote to form a Residential-Agricultural Water Conservation sub-committee during the September 8, 2010 board meeting, staff had been in contact with Rick Bettis, Ron Lowry, and Karen Buhr, the Executive Director of the California Association of Resource Conservation Districts, to coordinate a meeting prior to the January meeting of the board. Mr. Eck then provided a financial update of the first quarter budget. Mr. Eck then mentioned that

remediated water from Aerojet lands as the source for processing water. Mr. Eck explained that the project would result in water leaving the Central Basin area for use in an area outside of the groundwater basin.

9. DIRECTOR'S COMMENTS

Mr. Ramirez reported that Mr. Robles was promoted to Director of Operations for SRCSD and that it was planned for Dave Ocenosak to replace Mr. Robles as the primary representative to the SCGA board.

Mr. Wilson stated that the City of Elk Grove had appointed Richard Shepard as the primary SCGA board representative and that he would coordinate with staff on the acquiring documentation of the action by the Elk Grove City Council.

Mr. Crouse expressed an interest to be placed on the mailing list regarding the Teichart quarry project and that he felt it would have been appropriate for SCGA to have commented on the EIR for the project.

Mr. Peifer mentioned that the City of Sacramento had submitted an application for two groundwater well projects for Prop. 84 grant funding and that the projects were within the Central Basin.

Mr. Schubert announced that Golden State Water Company was applying for permits on three groundwater wells within its Rancho Cordova system and that one was a replacement well while the other two would be back up wells.

ADJOURNMENT

Upcoming Meetings –

Next SCGA Board of Directors Meeting – Wednesday, January 12th, 2011. 10060 Goethe Road, Sacramento, CA; SASD South Conference Room 1212 (Sunset Maple).

By:



Chairperson

1/12/11

Date



Date

1/12/11

