

**Semitropic Water Storage District
Semitropic Groundwater Banking Project
Monitoring Committee**

Buena Vista Water Storage District
North Kern Water Storage District
Rosedale-Rio Bravo Water Storage District

Semitropic Water Storage District
Shafter-Wasco Irrigation District
Southern San Joaquin Municipal Utility District

November 17, 2016 – 1:00 p.m.
Semitropic Water Storage District Board Room

Draft Minutes

Meeting Attendance – A copy of the sign-in sheet is attached to these minutes. In particular, attendees included the following:

Isela Medina, Semitropic WSD
Jeff Kenney, Semitropic WSD
Ken Schmidt, Kenneth D. Schmidt and Associates
Ron Eid, GEI Consultants, Inc.
Ram Venkatesan, North Kern WSD
Craig Wallace, Semitropic WSD
Dan Bartel, Rosedale-Rio Bravo WSD
Dana Munn, Shafter-Wasco ID
Doug Gosling

By telephone:

Cathy Hollomon, Castaic Lake Water Agency
Doug Chun, Alameda County WD
Robert Harvey, Santa Clara Valley WD
Rick Iger, Provost & Pritchard
Evan Buckland, Alameda County WD

The meeting notes which follow are numbered to correspond with the Meeting Agenda (copy attached). The referenced handouts were distributed via e-mail on November 14, 2016.

1. The meeting was called to order at 1:05 p.m. by Isela Medina at the offices of the Semitropic Water Storage District.
2. The Minutes for the last committee meeting on July 21, 2016 were distributed prior to the meeting via e-mail. No comments were noted.
- 3a. Water put into storage by banking partners in 2016 has totaled about 29,600 acre-feet.

- 3b. Recovery and delivery of previously banked water occurred early in the year and totaled about 20,200 acre-feet. An updated history of water banking activity (both recharge and recovery) was provided (in both tabular and chart formats).
 - 4a. Semitropic has commenced implementation of a pilot program for monitoring and reporting pumping volumes and energy use at deep wells.
 - 5a. (i) Semitropic reported that it had completed the collection of Fall 2016 groundwater-level measurements, which included about 150 wells. North Kern also reported that Fall water-level measurements had been completed. (ii) With regard to the collection of Spring 2017 measurements, Ken Schmidt suggested that this be accomplished in January 2017.
 - 5b. Ken Schmidt reviewed water-level contour maps for Spring 2016 Lower Zone, Spring 2016 Upper Zone, and a change map for Spring 1995 to Spring 2016 for the Lower Zone. Updated water-level hydrographs for Semitropic's monitor wells were reviewed.
 - 5c. With a target of 130 wells for 2016, about 100 of the wells used for pumpback have been sampled to date. Maps of 2013 TDS concentrations, one for deep groundwater and one for shallow groundwater, were reviewed. Though not presented, Ken Schmidt, indicated that he had prepared drafts of maps for arsenic, nitrate, and Cr^{+6} .
 - 5d. A tabular summary of measurements over the last three years was reviewed. Less than one inch of subsidence is indicated since the first of the year, and about three inches over the last three years (2014-2016).
 - 6a. Ken Schmidt noted that the 2009-2010 biennial monitoring report has been distributed.
 - 6b. Ken Schmidt reported that he had received most of the requested data for the four-year monitoring report (2011 through 2014).
 7. No report.
 8. A Treasurer's Report through September 30, 2016 was made available, along with invoices (for those in attendance).
 9. None.
 10. It was agreed that the next meeting of the Committee would be on February 16, 2017 at 10 a.m.
 11. The meeting was adjourned by about 1:50 p.m.
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Sign-in Sheet

<u>Name</u>	<u>Representing</u>
<u>Tisela Medina</u>	<u>SWSD</u>
<u>Jeff Kenney</u>	<u>SWSD</u>
<u>Ken Schmidt</u>	<u>Gov to SWSD</u>
<u>Rou Eid</u>	<u>GEI</u>
<u>Ram Venkatesan</u>	<u>NKWSB</u>
<u>Craig Wallace</u>	<u>SWSD</u>
<u>Dan Barte</u>	<u>RRB</u>
<u>DANA MUNN</u>	<u>SWID</u>
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Sign-in Sheet

Via Conference call Name

Representing

Cathy Hollomon	CLWA
Doug Chun	ACWD
Robert Harvey	SCUWD
Rick Iger	P&P
Evan Buckland	ACWD