

**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

February 16, 2017 – 10:00 a.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
Rick Iger, Provost & Pritchard
Ron Eid, GEI Consultants, Inc.
Ken Schmidt, Kenneth D. Schmidt and Associates
Zachary Foster, Homer LLC
Craig Wallace, Semitropic WSD
Tim Gobler, Wonderful
Dana Munn, Shafter-Wasco ID
Jeff Kenney, Semitropic WSD

By telephone:

Carlos DeLeon, Metropolitan WD
Evan Buckland, Alameda County WD
Cathy Holloman, Castaic Lake Water Agency
Paul Tiogas, Santa Clara Valley WD
Anne Middleton, San Diego County Water Authority

The meeting notes which follow are numbered to correspond with the Meeting Agenda (copy attached). The referenced handouts were distributed via e-mail on February 13, 2017.

1. The meeting was called to order at 10:00 a.m. by Isela Medina at the offices of the Semitropic Water Storage District.
2. The Minutes for the last committee meeting on November 17, 2016 were distributed prior to the meeting via e-mail. No comments were noted.
- 3a. In 2016, banking partners delivered about 32,900 acre-feet to SWSD, which resulted in net storage of about 29,600 acre-feet. Though it is very early in 2017,

SWSD distributed a monthly schedule which illustrates the potential for banking partners' deliveries totaling up to about 300,000 acre-feet.

- 3b. Recovery and delivery of previously banked water occurred early in 2016 and totaled about 20,200 acre-feet. Given the "wet" conditions thus far in 2017, recovery and return of banked water is not anticipated. An updated history of water banking activity (both recharge and recovery) was provided.
- 4a. Semitropic reported that implementation of a pilot program for monitoring and reporting pumping volumes and energy use at deep wells is continuing.
- 5a. Semitropic reported that it had commenced collection of Spring 2017 groundwater-level measurements last week and that it could take two to three weeks to complete.
- 5b. SWSD distributed updated water-level hydrographs, which Ken Schmidt reviewed, with exception of those in the area of the Pond-Poso Spreading Grounds, which were reviewed by Isela Medina. It was reported that spreading commenced in mid-January and the infiltration rate is on the order of 0.1 feet per day.
- 5c. About 100 of the wells used for pumpback were sampled in 2016. With the relatively "wet" year, it is likely that fewer wells will be sampled in 2017. Three water quality maps were prepared and distributed; one with lines of equal concentration of arsenic in groundwater; one for hexavalent chromium; and one for nitrate (all based on sampling conducted in 2013). Ken Schmidt noted that elevated concentrations of arsenic and chromium tend to occur in the same areas more or less and, overall, nitrate concentrations in groundwater in the lower zone, were less than the 45 mg/L MCL.
- 5d. A tabular summary of measurements over the last three years (2014-2016) was reviewed, with subsidence indicated to be on the order of three inches over that period.
- 6a. Ken Schmidt noted that the 2011-2014 quadrennial monitoring report is about 90 percent complete. Remaining items include preparation of a map of uranium concentrations in groundwater and an annual summary of Semitropic deliveries and pumping. With regard to uranium, Ken Schmidt noted that the MCL for uranium was only exceeded at one of the wells which were sampled and tested.
7. It was noted that the Poso Creek RWG had been awarded a planning grant to help offset some of the costs of updating the Region's IRWMP to be Proposition 1 compliant/eligible.
8. A Treasurer's Report through December 31, 2016 was prepared and distributed.
9. None.

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10. It was agreed that the next meeting of the Committee would be on May 18, 2017 at 10 a.m.
 11. The meeting was adjourned at about 10:55 a.m.
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