

**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

December 14, 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
Ken Schmidt, Kenneth D. Schmidt and Associates
Andrew Bell, Buena Vista WSD
Jason Pucheu, Poso Creek
Dana Munn, Shafter-Wasco ID
Ron Eid, GEI Consultants, Inc.
Jeff Kenney, Semitropic WSD
Maria Bernardo, Semitropic WSD

By telephone:

Cathy Holloman, Castaic
Eric Leitnerman, Santa Clara Valley WD
Suki Chhokar, San Diego County Water Authority
Devon Becker, 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 December 11, 2017.

1. The meeting was called to order at about 10:00 a.m. by Isela Medina at the offices of the Semitropic Water Storage District.
2. During review of the draft Minutes for the last committee meeting on September 21, 2017, Ken Schmidt offered a couple of comments which will be reflected in a final draft.
- 3a. Delivery of banked water in 2017 has totaled about 244,000 acre-feet through November and is estimated at about 252,000 acre-feet by year's end.

- 3b. With a relatively wet year, there has been no recovery of banked water in 2017. An updated history of water banking activity (both recharge and recovery) was provided.
- 4a. It was reported that an additional 7.5 miles of irrigation distribution system buried pipeline laterals are being designed for the SWRU, with construction anticipated to start during the first quarter of 2018 and completion during the third quarter of 2018. The additional laterals will add about 3,000 acres to the District's surface water service area. Though not related to the SWRU, it was noted that the District anticipates going out to bid in March 2018 for the installation of well telemetry, which is expected to be installed in phases over two years.
- 5a. Ken Schmidt prepared and reviewed a map showing groundwater elevation contours for "fall" 2017 for the "lower zone". Owing to lack of data, he noted the absence of contours in the area of North Kern WSD. With regard to the collection of "spring" 2018 groundwater level measurements, it was suggested that the districts try to commence their respective collection efforts at the end of January.
- 5b. Water-level hydrographs for Semitropic's monitor wells (equipped with water level sensors) were updated in November and were reviewed. For the monitor wells located in the Pond-Poso Spreading Grounds, Ken Schmidt suggested that periods of recharge be identified on the water level hydrographs for these monitor wells.
- 5c. With the relatively "wet" year, water samples were not collected from supply wells, inasmuch as they were not in use to recover previously banked water; however, monitor wells were sampled and the results provided to KDSA.
- 5d. The data collected by Semitropic from its extensometer suggest that subsidence from October 2016 to November 2017 was on the order of ¼ inch. Semitropic also provided a chart showing vertical displacement data over time which were collected by GPS methods at each of three locations. Ken Schmidt suggested that it would also be informative to collect any subsidence collected by DWR along the Aqueduct.
6. The groundwater model is currently being updated with data to reflect 2015 and 2016 operations, and the results are expected to be available for the next meeting of the Committee.
7. It was reported that a draft of the 2015-2016 biennial monitoring report is expected by about the first of the year.
8. Work is continuing on the update of the Poso Creek IRWMP to reflect "current" DWR requirements. A Drought Plan is also being prepared for the Region and will be included in the update of the IRWMP. Individual districts continue to pursue grant opportunities for projects identified in the IRWMP.

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9. A Treasurer's Report through November 30, 2017 was prepared and distributed.
 10. Dana Munn reported that about 10,000 acre-feet has been recharged this year in Shafter-Wasco's new spreading ponds (about 270 acres located adjacent to Kimberlina Avenue).
 11. It was agreed that the next meeting of the Committee would be on April 19, 2018 at 10 a.m.
 12. The meeting was adjourned at about 11:10 a.m.
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Sign-in Sheet

<u>Name</u>	<u>Representing</u>
<u>Isela Medina</u>	<u>SWSD</u>
<u>Ken Schmidt</u>	<u>Gr. to Semtrp-WSI</u>
<u>Andrew Bell</u>	<u>BUWSD</u>
<u>Jason Puckey</u>	<u>Paso Creek</u>
<u>DANA MUNN</u>	<u>SWID</u>
<u>Ron Ed</u>	<u>GEI</u>
<u>Jeff Kenney</u>	<u>SWSD</u>
<u>Maria Bernardo</u>	<u>SWSD</u>
<u>Cathy Holloman</u>	<u>Castaic</u>
<u>Eric Leitterman</u>	<u>Santa Clara Valley W.D.</u>
<u>Suki Chhokar</u>	<u>San Diego Co. Water Authority</u>
<u>Deven Becker</u>	<u>Alameda County</u>