AVSWCA
Antelope Valley State Water Contractors Association
www.avswca.org

COMMISSIONERS

BARBARA HOGAN, Chair
ROBERT ALVARADO, Vice Chair
LEO THIBAULT, Treasurer-Auditor
NEAL WEISENBERGER, Secretary
KEITH DYAS, Commissioner
KATHY MAC LAREN, Commissioner

OFFICERS

MATTHEW R. KNUDSON, General Manager
TOM BARNES, Controller
DANIELLE HENRY, Administrative Assistant

January 5, 2015

Agenda for the Regular Meeting of the Commissioners of the Antelope Valley State Water Contractors Association to be held at the Palmdale Water District's office at 2029 East Avenue Q, Palmdale

Thursday, January 8, 2015

6:30 p.m.

NOTE: To comply with the Americans with Disabilities Act, to participate in any Association meeting please contact Danielle Henry at 661-947-4111 x1059 at least 48 hours prior to an Association meeting to inform us of your needs and to determine if accommodation is feasible.

Agenda item materials, as well as materials related to agenda items submitted after distribution of the agenda packets, are available for public review at the Palmdale Water District's office located at 2029 E. Ave. Q, Palmdale. Please call Danielle Henry at 661-947-4111 x1059 for public review of materials.

PUBLIC COMMENT GUIDELINES: The prescribed time limit per speaker is three-minutes. Please refrain from public displays or outbursts such as unsolicited applause, comments, or cheering. Any disruptive activities that substantially interfere with the ability of the Association to carry out its meeting will not be permitted and offenders will be requested to leave the meeting.

Each item on the agenda shall be deemed to include any appropriate motion, resolution, or ordinance to take action on any item.

1) Pledge of Allegiance.
2) Roll call.
3) Public comments for items not on the agenda.
4) Consideration and possible action on minutes of regular meeting held October 9, 2014.
5) Payment of bills.

6) Discussion on Lead Sponsorship for the Landscaping for Water Conservation Expo at the Antelope Valley Fairgrounds on November 1, 2014. (Controller Barnes/Commissioner Weisenberger)

7) Discussion and Possible Action on booth at Antelope Valley Board of Trade Business Outlook Conference on February 27, 2015. (General Manager Knudson)

8) Discussion on Regional Water Conservation Efforts. (Commissioner Weisenberger)

9) Consideration and Possible Action on Joint Funding Agreement for continuation of the Cooperative Water Resources Program between AVSWCA and USGS for the period November 1, 2014 to October 31, 2015. (General Manager Knudson)

10) Consideration and possible action to Authorize the Commission Chair to Execute an Attorney Conflict of Interest Waiver with the Attorney from each Member Agency. (General Manager Knudson)

11) Report of General Manager.

   a) Update on Revenue, Expenditures and Change in Net Position.

   b) Update on the Antelope Valley Prop. 84, Round 3 Grant Application.

   c) Update on Antelope Valley Integrated Regional Water Management Planning Stakeholder Meetings.

   d) Update on California Statewide Groundwater Elevation Monitoring (CASGEM) Program.

12) Report of Controller.

   a) Regional Projects Update.

13) Reports of Commissioners.

14) Report of Attorney.

15) Commission members' requests for future agenda items.

16) Consideration and possible action on scheduling the next Association meeting.

17) Adjournment.

Antelope Valley—Business Outlook Conference

Exhibit Booth Application
February 27, 2015

MADE IN THE ANTELOPE VALLEY
2015 BUSINESS OUTLOOK CONFERENCE

Business or Organization Name:_____

Contact :_____Email:_____

Address:_____

City:_____ State:_____ Zip Code:_____

Telephone: (____)_____ Website:_____

EXHIBIT BOOTH INFORMATION

- **Includes**
  - ⇒ **1 6ft. skirted table**
  - ⇒ **2 chairs**
  - ⇒ **2 conference tickets**
  - ⇒ **2 lunches**
  - ⇒ **2 swag bags**
  - ⇒ **Set-up day before conference**

- **Booth fees**
  - □ **AVBOT Member—$300.00**
  - □ **Non-Member—$500.00***

- **Additional fees**
  - □ **Electrical—$20.00**
  - □ **Larger booth space— +$100.00****

*includes a 1 year AVBOT membership
**any display larger than a 6ft booth space

Check made payable to: AV Board of Trade — or call with your credit card

Mail Exhibit Booth form and payment to:

AV Board of Trade
41319 12th Street West, Suite 104
Palmdale, CA 93551

For more information: (661) 947-9033 or info@avbot.org

The Antelope Valley Board of Trade is not responsible for the loss, theft, or damages to exhibitor's property. My booth will not be reserved until receipt of payment. I understand and acknowledge the foregoing statements.

*Signature:*_____ *Date:*_____

United States Department of the Interior

U.S. GEOLOGICAL SURVEY
California Water Science Center
6000 J Street, Placer Hall
California State University
Sacramento, California 95819-6129
Phone: (916) 278-3000 Fax: (916) 278-3070
http://water.wr.usgs.gov

November 12, 2014

Mr. Matthew Knudson, Interim General Manager
Antelope Valley State Water Contractors Association
c/o Palmdale Water District
2029 East Avenue Q
Palmdale, California 93550

Dear Mr. Knudson:

This letter confirms discussions between our respective staffs, concerning the continuation of the cooperative water resources program, between the Antelope Valley State Water Contractors Association (AVSWCA) and the U.S. Geological Survey (USGS) during the period November 1, 2014 to October 31, 2015.

The proposed program for the subject period and associated costs are as follows:

1. Ground Water-Level monitoring

Annual Water levels will be measured in March of 2015 in approximately 200 wells (see List A). Semi-Annual Water levels will be measured in August 2015 in approximately 25 index wells that are indicative of each of the ground-water subunits.

2. Ground Water-Quality monitoring

Three well groups are sampled on a three year rotational basis for complete chemical analysis (see List C). Each group consists of nine wells, of which eight wells will be selected and sampled. The ninth well in each group (not specified) is considered as an alternate in the event that one of the selected eight wells cannot be sampled. Water quality samples will be collected for complete chemical analysis from Group 2 for the 2015 agreement (see List B). The remaining wells in Groups 1 and 3 will be sampled for specific conductance and temperature only (see List B).

3. Water-level Contour Map (a) and Interactive Website (b)

(a) Data collected during the spring of 2014 will be used to construct a 2014 water-level contour map for the Antelope Valley groundwater basin and will be published by the USGS in 2015. Funding, as shown in the summary below, reflects the Water Year (WY) 2015 only. Funding associated with this item (3a) is the same in 2015 as it was in 2014, assuming availability of Federal matching funds.

Previous water-level contour maps for Antelope Valley were published by the USGS in cooperation with the Antelope Valley – East Kern Water Agency as Open-File Reports 80-1222, 86-498 and 98-4022 using water-level data collected in 1979, 1984 and 1996, respectively. An updated water-level contour map will aid water resource managers in assessing recent local groundwater conditions in the Antelope Valley. The USGS suggests a frequency interval of two years for publication of a water-level contour map.

Additionally, the water-level data will be used in a new online U.S. Geological Survey report, "Water-level and Land-Subsidence studies in the Antelope Valley Groundwater Basin, Southwestern Mojave Desert, California". The report also includes a series of images that show the location and extent of vertical land-surface changes in the region for various time intervals between 1992 and 2010. Maps of relative ground-surface change (interferograms) are constructed from Synthetic Aperture Radar (SAR) data to understand where groundwater pumping, hydrocarbon production, or other human and natural activities cause the land surface to uplift or subside. No additional land-subsidence data collection is planned for FY 2015.

(b) An interactive website utilizing a map based feature specific to the Antelope Valley will be developed to allow the public direct access to data and related reports available online by the USGS. From the site, the reader will be able to view any of the data from previously published water-level reports, compare and view water-level data from any of the maps, and perform tasks such as querying and identifying data. The interactive website will be completed in two phases beginning in WY2014 and finalized in WY2015. Funding, as shown in the summary below reflects the WY2015 only. Funding associated with this item (3b) is the same in 2015 as it was in 2014, subject to the availability of Federal matching funds. No operation and maintenance funding is required for the interactive website during the development of Phase 1 and Phase 2.

Data collected in Elements 1 and 2 above will be transmitted annually in paper and electronic form. Elements 3a and 3b will be available online as specified above.

FUNDING SUMMARY

Element	AVSWCA Funds	USGS Funds	Total Funds
1. Ground Water-Level monitoring	$26,150	$13,150	$ 39,300
2. Ground Water-Quality monitoring	30,650	15,400	46,050
3a. Water-level Contour Map*	22,600	6,800	29,400
3b. Interactive Website*	10,650	2,000	12,650
TOTAL	**$90,050**	**$37,350**	**$127,400**

Total cost of the proposed program is $127,400. AVSWCA is responsible for $90,050, and subject to the availability of Federal matching funds, the USGS will provide $37,350.

* Phase 1 of these items (3a and 3b) was completed in WY2014. Phase 2 will be completed in WY2015 at the same cost, subject to the availability of Federal matching funds.

Enclosed are two originals of Joint Funding Agreement (JFA) 15WSCA43000, signed by our agency, for your approval. If you are in agreement with this proposed program, please return one fully executed JFA to our office. Work performed with funds from this agreement will be conducted on a fixed-price basis. Billing for this agreement will be rendered quarterly.

The USGS is required to have an agreement in place prior to any work being performed on a project. We request that a fully executed JFA be returned prior to December 31, 2014. If it is not received by December 31, we will be required to suspend operations until an agreement is received.

If you have any questions concerning Elements 1 and 2 of this program, please contact Bob Blanchard, in our Redlands Field Office, at (909) 798-3272. If you have any questions concerning Elements 3a and 3b of this program, please contact Nicholas Teague, in our San Diego Projects Office, at (619) 225-6108. If you have any administrative questions, please contact Tammy Seubert, in our Sacramento Office, at (916) 278-3040.

Sincerely,

Eric G. Reichard
Director, USGS California Water Science Center

Enclosure

cc: Bob Blanchard, USGS CAWSC

Nicholas Teague, USGS CAWSC

List A

Antelope Valley State Water Contractors Association (AVSWCA)
Water-level monitoring wells - measured annually (March)

Well Number	Frequency
4N/ 8W- 7C1	Annual
4N/ 8W- 7R1	Annual
4N/13W- 7Q1	Annual
4N/13W-12C3	Annual
4N/13W-15A1	Annual
5N/ 9W- 4C1	Annual
5N/ 9W- 5R2	Annual
5N/ 9W- 8J1	Annual
5N/10W- 6N1	Annual
5N/10W-12M2	Annual
5N/10W-17R1	Annual
5N/11W-12R1	Annual
6N/ 8W-28A2	Annual
6N/ 8W-34D1	Annual
6N/ 9W- 4H2	Annual
6N/ 9W- 7J1	Semi-Annual
6N/ 9W-21R1	Annual
6N/ 9W-28F1	Annual
6N/ 9W-29Q1	Annual
6N/ 9W-30F1	Annual
6N/9W-33G1	Annual
6N/ 9W-33P1	Semi-Annual
6N/10W- 4F2	Annual
6N/10W- 4M1	Annual
6N/10W- 5H1	Annual
6N/10W-20N1	Annual
6N/10W-22D1	Annual
6N/10W-30A2	Annual
6N/10W-30J2	Annual
6N/10W-35A1	Annual
6N/11W-6F1	Annual
6N/11W-31A1	Annual
6N/11W-36G1	Semi-Annual
6N/12W- 7A1	Semi-Annual
7N/ 9W-17N2	Annual
7N/10W-2H2	Annual
7N/10W- 5E3	Annual
7N/10W- 5N5	Annual
7N/10W-19D1	Annual
7N/10W-19Q1	Annual

Well Number	Frequency
7N/10W-22P1	Annual
7N/10W-29B1	Annual
7N/10W-29Q1	Annual
7N/10W-33J1	Annual
7N/11W- 1Q1	Annual
7N/11W- 5L1	Annual
7N/11W-11N3	Annual
7N/11W-12M1	Annual
7N/11W-14N1	Annual
7N/11W-16H3	Annual
7N/11W-27Q1	Annual
7N/11W-28Q1	Annual
7N/11W-29G1	Annual
7N/11W-31M1	Annual
7N/11W-34B1	Annual
7N/12W-12R1	Annual
7N/12W-19R1	Annual
7N/12W-22K1	Annual
7N/12W-24A1	Semi-Annual
7N/12W-26K3	Annual
7N/12W-27F5	Annual
7N/12W-27F6	Annual
7N/12W-27F7	Annual
7N/12W-27F8	Annual
7N/12W-27H1	Annual
7N/12W-27H5	Annual
7N/12W-27H6	Annual
7N/12W-27H7	Annual
7N/12W-27H8	Annual
7N/12W-27J5	Semi-Annual
7N/13W- 3D1	Annual
7N/13W-7A1	Semi-Annual
7N/13W-8B2	Annual
7N/13W-9N2	Semi-Annual
7N/13W-13N1	Annual
7N/13W-15D1	Annual
7N/13W-26J2	Semi-Annual
7N/13W-34B1	Semi-Annual
7N/14W-13A1	Semi-Annual
8N/ 9W- 6D1	Annual
8N/10W-18P3	Annual

Well Number	Frequency
8N/10W-22H4	Annual
8N/10W-22P3	Semi-Annual
8N/10W-23F3	Annual
8N/10W-28B1	Annual
8N/11W-14R1	Annual
8N/11W-15Q1	Annual
8N/11W-24R2	Annual
8N/11W-34D2	Annual
8N/12W- 2Q1	Annual
8N/12W- 5D1	Annual
8N/12W-10J1	Semi-Annual
8N/12W-21R1	Annual
8N/12W-28D1	Semi-Annual
8N/12W-30K1	Annual
8N/12W-31Q2	Annual
8N/12W-34K1	Annual
8N/13W- 5E1	Annual
8N/13W- 7B1	Semi-Annual
8N/13W- 9K1	Annual
8N/13W-11Q1	Annual
8N/13W-14B2	Annual
8N/13W-15M1	Annual
8N/13W-18Q2	Semi-Annual
8N/13W-20B1	Semi-Annual
8N/13W-23E1	Annual
8N/13W-26K1	Annual
8N/13W-31Q1	Annual
8N/13W-35M1	Annual
8N/14W- 1C1	Annual
8N/14W-10L1	Annual
8N/14W-17M1	Semi-Annual
8N/14W-18N1	Semi-Annual
8N/14W-23G1	Annual
8N/14W-24C1	Annual
8N/15W- 1E1	Annual
8N/15W- 2A1	Annual
8N/15W- 7P1	Annual
8N/15W- 9D1	Annual
8N/15W-10P2	Annual
8N/15W-19H1	Annual
8N/16W-16A1	Annual

Well Number	Frequency
8N/16W- 2R1	Annual
8N/16W- 3F1	Annual
8N/16W- 6M1	Annual
8N/16W- 9G1	Annual
8N/16W-12D1	Annual
8N/16W-17R2	Annual
8N/16W-18H2	Annual
8N/16W-22Q4	Annual
8N/17W-2N1	Annual
8N/17W- 4D1	Annual
8N/18W-23F1	Annual
9N/ 9W- 6E1	Semi-Annual
9N/ 9W-27H2	Semi-Annual
9N/10W- 8P1	Annual
9N/10W-24C1	Semi-Annual
9N/10W-24C2	Annual
9N/10W-28F2	Annual
9N/11W-36L1	Annual
9N/12W-16E4	Annual
9N/12W-23N1	Annual
9N/12W-33P1	Annual
9N/13W- 4A1	Annual
9N/13W- 7Q3	Annual
9N/13W-14Q1	Annual
9N/13W-21N1	Annual
9N/13W-27K2	Annual
9N/13W-28R1	Annual
9N/13W-29M1	Annual
9N/13W-30N1	Annual
9N/13W-32C1	Annual
9N/13W-32D1	Annual
9N/13W-34Q1	Semi-Annual
9N/14W- 1H1	Annual
9N/14W-19L1	Annual
9N/14W-20B1	Annual
9N/14W-21G1	Annual
9N/14W-24A1	Annual
9N/14W-22D1	Annual
9N/14W-29E1	Annual
9N/14W-35N1	Annual
9N/15W-26N1	Semi-Annual

Well Number	Frequency
9N/15W-30Q1	Annual
9N/15W-34B2	Annual
9N/17W-36E1	Annual
9N/17W-36K1	Annual
10N/ 9W- 4D1	Semi-Annual
10N/ 9W-24A2	Annual
10N/12W-12K1	Annual
10N/12W-13H1	Annual
10N/12W-20C6	Annual
10N/12W-22J1	Annual
11N/ 8W-29K1	Annual
11N/ 9W-13D1	Annual
11N/ 9W-24A1	Annual
11N/ 9W-36R1	Annual
11N/10W-19D1	Annual
11N/10W-27R1	Annual
11N/11W- 7A1	Annual
11N/11W- 9A1	Annual
11N/12W-22F2	Annual
11N/13W-19C1	Annual
11N/13W-29M1	Annual
12N/12W-35R1	Annual
29S/39E-33K1	Annual
30S/37E-13C1	Annual
30S/37E-27H2	Annual
30S/37E-36G1	Annual
30S/37E-36N1	Annual
30S/38E- 3K2	Annual
30S/38E-24F1	Annual
30S/38E-30P1	Annual
30S/38E-31C1	Annual
31S/37E- 4Q1	Annual
31S/37E-33H1	Annual
31S/37E-35N1	Annual
31S/38E-18P1	Annual
31S/39E-24P1	Annual
32S/36E-35D1	Annual
32S/37E-11N1	Annual
32S/37E-12M1	Annual
32S/37E-26N1	Annual
32S/39E-33L1	Annual

Semi-Annual wells are measured in the Fall and Spring.

List B

Antelope Valley State Water Contractors Association (AVSWCA)
Water-quality monitoring wells

GROUP 1	**GROUP 2**	**GROUP 3**
5N/10W- 8H1	7N/14W-13A1	29S/39E-23J2
5N/11W- 1C1*	8N/10W-22H4	30S/37E-24J3
6N/11W- 6F1	8N/10W-22P3	30S/37E-24M2
6N/11W-11D1	8N/12W-16M1	30S/37E-34H2
6N/11W-36G1	8N/12W-21Q1	30S/38E-4D2
6N/12W- 9H3	8N/16W-13N1	31S/37E-1R2
7N/11W- 3E3	9N/13W-25N1*	32S/37E-16R1
7N/11W-19E1	9N/13W-35C1*	9N/13W-28R1
7N/13W-14E1	10N/13W-32D1	9N/13W-30N1**

DISCONTINUED

9N/14W-36B (WY13)	8N/16W-6M1 (WY13)	9N/13W-34A (WY13)
5N/11W-1M1 (WY14)	9N/13W-32C1 (WY14)	9N/13W-34J (WY13)
9N/13W-32D (WY14)	10N/12W-15M3 (WY14)	

*Added 2014WY
**Moved from Group 1 to Group 3 for 2015

LIST C

Chemical Constituents
(mg/L or as indicated)

Boron, dissolved(µg/L)

Calcium, dissolved

Chloride, dissolved

Flouride, dissolved

Iron, dissolved (µg/L)

Manganese, dissolved (µg/L)

Magnesium, dissolved

Ammonia, dissolved

Nitrogen (nitrate + nitrite), dissolved

Nitrogen (nitrite), dissolved

Orthophosphate (PO_4), dissolved

Orthophosphorus (P), dissolved

Potassium, dissolved

Silica, dissolved

Sodium, dissolved

Sulfate, dissolved

Dissolved solids at 180°C
(Labcode 27)

Sodium adsorption ratio

Percent sodium

Total alkalinity ($CaCO_3$)

Total Hardness ($CaCO_3$)

Noncarbonate hardness

Temperature °C

pH

Carbonate (CO_3)

Bicarbonate (HCO_3)

Specific conductance
(µS/cm @25 degC)

Arsenic (Labcode 3122)

Chromium, dissolved

Dissolved Oxygen

Note: Samples for Chromium-VI will be collected at all groundwater sites. Analyses will be performed by a contract lab (TestAmerica), via a national contract between the contract lab and the USGS National Water-Quality Lab (NWQL).

Schedules used: 101, 117
and Labcodes: 27, 3122, and 1369.

U.S. Department of the Interior
U.S. Geological Survey
Joint Funding Agreement
FOR
Water Resources Investigations

Agreement #: 15WSCA43000
Customer #: 600001010
Project #: ZG009J5
TIN #: 95-4753654
USGS DUNS #: 1761-38857

Fixed Cost Agreement Yes [X] No [ ]

THIS AGREEMENT is entered into as of the 1st day of November, 2014, by the U.S. GEOLOGICAL SURVEY, UNITED STATES DEPARTMENT OF THE INTERIOR, party of the first part, and the ANTELOPE VALLEY STATE WATER CONTRACTORS ASSOCIATION, party of the second part.

1. The parties hereto agree that subject to the availability of appropriations and in accordance with their respective authorities there shall be maintained in cooperation for cooperative water resources investigations in the Antelope Valley State Water Contractors Association area, herein called the program. The USGS legal authority is 43 USC 36C; 43 USC 50, and 43 USC 50b.

2. The following amounts shall be contributed to cover all of the cost of the necessary field and analytical work directly related to this program. 2(b) include In-Kind-Services in the amount of $0.00.

(a) $37,350.00 by the party of the first part during the period
November 1, 2014 to October 31, 2015

(b) $90,050.00 by the party of the second part during the period
November 1, 2014 to October 31, 2015

(c) Additional or reduced amounts by each party during the above period or succeeding periods as may be determined by mutual agreement and set forth in an exchange of letters between the parties.

(d) The performance period may be changed by mutual agreement and set forth in an exchange of letters between the parties.

3. The costs of this program may be paid by either party in conformity with the laws and regulations respectively governing each party.

4. The field and analytical work pertaining to this program shall be under the direction of or subject to periodic review by an authorized representative of the party of the first part.

5. The areas to be included in the program shall be determined by mutual agreement between the parties hereto or their authorized representatives. The methods employed in the field and office shall be those adopted by the party of the first part to insure the required standards of accuracy subject to modification by mutual agreement

6. During the course of this program, all field and analytical work of either party pertaining to this program shall be open to the inspection of the other party, and if the work is not being carried on in a mutually satisfactory manner, either party may terminate this agreement upon 60 days written notice to the other party.

7. The original records resulting from this program will be deposited in the office of origin of those records. Upon request, copies of the original records will be provided to the office of the other party.

8. The maps, records or reports resulting from this program shall be made available to the public as promptly as possible. The maps, records or reports normally will be published by the party of the first part. However, the party of the second part reserves the right to publish the results of this program and, if already published by the party of the first part shall, upon request; be furnished by the party of the first part; at cost, impressions suitable for purposes of reproduction similar to that for which the original copy was prepared. The maps, records or reports published by either party shall contain a statement of the cooperative relations between the parties.

9. USGS will issue billings utilizing Department of the Interior Bill for Collection (form DI-1040). Billing documents are to be rendered **quarterly**. Payments of bills are due within 60 days after the billing date. If not paid by the due date, interest will be charged at the current Treasury rate for each 30 day period, or portion thereof, that the payment is delayed beyond the due date. (31 USC 3717; Comptroller General File B-212222, August 23, 1983.).

U.S. Department of the Interior
U.S. Geological Survey
Joint Funding Agreement
FOR
Water Resources Investigations

Agreement #: 15WSCA43000
Customer #: 600001010
Project #: ZG009J5
TIN #: 95-4753654
USGS DUNS #: 1761-38857

USGS Technical Point of Contact

Name: Bob Blanchard
Redlands Field Office
Address: 1653 Plum Lane
Redlands, CA 92374
Telephone: (909) 798-3272
Fax: (909) 335-3407
Email: rblanch@usgs.gov

Customer Technical Point of Contact

Name: Matthew Knudson
c/o Palmdale Water District
Address: 2029 East Avenue Q
Palmdale, CA 93550
Telephone: (661) 947-4111
Fax: mknudson@palmdalewater.org
Email:

USGS **Administrative** Point of Contact

Name: Tamara Seubert
Budget Analyst
Address: Placer Hall, 6000 J Street
Sacramento, CA 95819
Telephone: (916) 278-3040
Fax: (916) 278-3070
Email: tseubert@usgs.gov

U.S. Geological Survey
United States
Department of the Interior

Signature

By _____ Date: 11/12/2014
Name: Eric G. Reichard
Title: Director, USGS California Water Science Center

ANTELOPE VALLEY STATE WATER CONTRACTORS ASSOCIATION

Signatures

By _____ Date: _____
Name:
Title:

By _____ Date: _____
Name:
Title:

By _____ Date: _____
Name:
Title:

CALIFORNIA Water Boards

EDMUND G. BROWN JR. GOVERNOR

MATTHEW RODRIQUEZ SECRETARY FOR ENVIRONMENTAL PROTECTION

Lahontan Regional Water Quality Control Board

December 8, 2014

File: Antelope Valley Basin Planning

Antelope Valley Integrated Regional Water Management Stakeholder Group
c/o Antelope Valley State Water Contractors Association
Matt Knudsen
Palmdale Water District
2029 East Ave. Q
Palmdale, CA 93550
Email: mknudson@palmdalewater.org

ACCEPTANCE OF THE SALT AND NUTRIENT MANAGEMENT PLAN FOR THE ANTELOPE VALLEY GROUNDWATER BASIN, ANTELOPE VALLEY INTEGRATED REGIONAL WATER MANAGEMENT STAKEHOLDER GROUP

California Regional Water Quality Control Board, Lahontan Region (Water Board) staff received the final Salt and Nutrient Management Plan (SNMP) for the Antelope Valley Groundwater Basin on August 21, 2014. The SNMP was prepared primarily by staff from the Los Angeles County Waterworks Districts and the Sanitation Districts of Los Angeles County with cooperation from other members of the Antelope Valley Integrated Regional Water Management Stakeholder Group (collectively referred to as "the Group"). Water Board staff has determined that: (1) the SNMP meets the requirements of State Water Resources Control Board Resolution Number 2009-0011 (Recycled Water Policy); and (2) implementation of the SNMP will not require an amendment to the *Water Quality Control Plan for the Lahontan Region* (Basin Plan).

The Water Board accepted the Antelope Valley SNMP, as proposed, without changes to the Basin Plan, during its regular meeting in Barstow, California on November 12, 2014. Please send my thanks to Ms. Erika Bensch for her effective presentation of the SNMP at that meeting. Members of the Board and Water Board staff both commended the Group for their efforts and recognized the plan as a great first step towards understanding and managing salts and nutrients in the Antelope Valley groundwater basin.

Board Members did, however, have several recommendations for the Group, which I encourage you to consider incorporating into future revisions of the plan: (1) the plan should not be static, rather the plan should be a living document and revised over time as new data are collected; (2) the term "water quality management goal" is misleading, and swapping the word "goal" for "limit" may be more appropriate in the context of the plan; and (3) the monitoring network is key to managing water quality in basins.

The Group is encouraged to fill the data gaps and incorporate new wells into the monitoring network where data are limited or unavailable.

My staff and I appreciate the efforts of the Group in the development of the Antelope Valley SNMP and look forward to working with you during the implementation phase of the plan. If you have any questions, please contact Patrice Copeland, Senior Engineering Geologist, at (760) 241-7404 patrice.copeland@waterboards.ca.gov or Jan Zimmerman, Engineering Geologist, at (760) 241-7376 jan.zimmerman@waterboards.ca.gov.

Patty Z Kouyoumdjian

PATTY Z. KOUYOUMDJIAN
EXECUTIVE OFFICER

cc: Erika Bensch, LA County Sanitation Districts (edehollan@lacsd.org)
Tim Chen, LA County Waterworks Division (tchen@dpw.lacounty.gov

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STATE OF CALIFORNIA – CALIFORNIA NATURAL RESOURCES AGENCY

EDMUND G. BROWN JR., *Governor*

DEPARTMENT OF WATER RESOURCES
1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791

October 15, 2014

Mr. Matthew Knudson
Antelope Valley State Water Contractors Association
2029 East Avenue Q
Palmdale, California 93550

Monitoring Entity Designation for Antelope Valley State Water Contractors Association under the California Statewide Groundwater Elevation Program

Dear Mr. Knudson:

Thank you for volunteering to be a Monitoring Entity for the California Statewide Groundwater Elevation Monitoring (CASGEM) program. On December 27, 2010, the Department of Water Resources (DWR) received your notification that Antelope Valley State Water Contractors Association intends to assume responsibility for monitoring and reporting local groundwater elevations for the CASGEM program. Based on review and verification of the information that you submitted to DWR via the CASGEM Online Submittal System, Antelope Valley State Water Contractors Association is designated as the Monitoring Entity for the following groundwater basin:

- Antelope Valley (6-44)

The CASGEM Online System is ready to accept submittal of your groundwater elevation data. In accordance with the Water Code, you should submit groundwater elevation data for the wells you have included in the CASGEM program, beginning with data collected in fall 2011.

Additional information is available on the CASGEM program website at http://www.water.ca.gov/groundwater/casgem.

If you have any questions about the CASGEM program, please contact Timothy M. Ross in the Southern Region Office at 770 Fairmont Avenue, Suite 102, Glendale, California 91203, (818) 500-1645 x278, or timothy.ross@water.ca.gov.

Thank you for your participation in the CASGEM program.

Sincerely,

Paula J. Landis, Chief
Division of Integrated Regional Water Management

cc: Timothy M. Ross, Southern Region Office
Brett Wyckoff, Bonderson Bldg. Rm. 213 A