

**AVSWCA**

Antelope Valley State Water Contractors Association

[www.avswca.org](http://www.avswca.org)**COMMISSIONERS**

ROBERT PARRIS, *Chair*  
BARBARA HOGAN, *Vice Chair*  
LEO THIBAULT, *Treasurer-Auditor*  
KATHY MAC LAREN, *Secretary*  
KEITH DYAS, *Commissioner*  
MARCO HENRIQUEZ, *Commissioner*

**OFFICERS**

MATTHEW R. KNUDSON, *General Manager*  
PETER THOMPSON II, *Asst. General Manager*  
TOM BARNES, *Resources Manager*  
DENNIS HOFFMEYER, *Controller*  
DANIELLE HENRY, *Administrative Assistant*

November 8, 2018

***Agenda for the Regular Meeting of the  
Commissioners of the Antelope Valley State Water Contractors  
Association to be held at the Palmdale Water District office  
at 2029 East Avenue Q, Palmdale  
Thursday, November 15, 2018  
6:00 p.m.***

**NOTE:** To comply with the Americans with Disabilities Act, to participate in any Association meeting please contact Dawn Deans at 661-947-4111 x1003 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) Adoption of agenda.
- 4) Public comments for items not on the agenda.
- 5) Consideration and possible action on minutes of regular meeting held October 18, 2018.
- 6) Payment of bills.

- 7) Consideration and possible action on Amendment No. 1 to the Association's Agreement for Office and Administrative Services. (General Manager Knudson)
- 8) Consideration and possible action on approval of the 2018 Amended and Restated Memorandum of Understanding (MOU) for the Antelope Valley Regional Water Management Group IRWMP. (General Manager Knudson)
- 9) Consideration and possible action on Joint Funding Agreement with the USGS to continue monitoring groundwater levels and water quality during the period of November 1, 2018 to October 31, 2019. (General Manager Knudson)
- 10) Consideration and possible action on Amendment No. 2 to the Bylaws of the Association adopting a mutual aid agreement. (Assistant General Manager Thompson II)
- 11) Discussion and possible action on AVIRWMP application process for inclusion of proposed east side recycled water line project with the AVIRWMP Project List. (General Manager Knudson/Assistant General Manager Thompson II)
- 12) Status update on the Big Rock Creek Joint Groundwater Recharge Project. (General Manager Knudson/Assistant General Manager Thompson II)
- 13) Status update on the Financial Analysis Study for Providing Replacement Water to the Antelope Valley. (General Manager Knudson/Assistant General Manager Thompson II)
- 14) Report of General Manager.
  - a) Update on Antelope Valley Watermaster meetings.
  - b) Update on Antelope Valley IRWMP Stakeholder meetings.
  - c) Update on Fremont Basin IRWMP Stakeholder meetings.
- 15) Report of Resources Manager.
  - a) Update on AVSavesWater.com and AVSWCA.org website merge.
- 16) Report of Controller.
  - a) Update on Revenue, Expenses and Change in Net Position.
- 17) Reports of Commissioners.
  - a) Update on AVSWCA Strategic Water Plan Ad Hoc Committee meeting. (Chair Parris)
- 18) Report of Attorney.
- 19) Commission members' requests for future agenda items.
- 20) Consideration and possible action on scheduling the next Association meeting January 10, 2019.
- 21) Adjournment.

**ANTELOPE VALLEY  
STATE WATER CONTRACTORS ASSOCIATION  
COMMISSION MEMORANDUM**

**DATE:** November 7, 2018 November 15, 2018  
**TO:** AVSWCA Commissioners **Commission Meeting**  
**FROM:** Matthew Knudson, General Manager  
**RE:** *AGENDA ITEM NO. 7 - CONSIDERATION AND POSSIBLE ACTION ON AMENDMENT NO. 1 TO THE ASSOCIATION'S AGREEMENT FOR OFFICE AND ADMINISTRATIVE SERVICES.*

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**Recommendation:**

Staff recommends that the Commissioners of the AVSWCA (Association) approve the attached Amendment No. 1 to the Agreement for Office and Administrative Services.

**Background:**

The existing agreement dated November 9, 2006 sets forth the terms under which the Association will obtain office and administrative services from Antelope Valley-East Kern Water Agency, Palmdale Water District, and Littlerock Creek Irrigation District. Said agreement also discusses using a "Task Order" process to establish the rates for reimbursement to the member agencies providing services.

In order to continue with the current practice of the member agencies invoicing the Association based on the hourly rates of staff members serving the Association, it is recommended that the Commissioners approve the attached Amendment No. 1. The approval of this amendment will eliminate the need to approve new Task Orders when a salary changes for staff serving the Association.

**Supporting Documents:**

- Proposed Amendment No. 1
- Agreement for Office and Administrative Services

**AMENDMENT NO. 1**

**TO AGREEMENT FOR OFFICE AND ADMINISTRATIVE SERVICES**

WHEREAS, the Office and Administrative Services Agreement dated November 9, 2006 sets forth the terms under which the Association will obtain office and administrative services from Antelope Valley-East Kern Water Agency, Palmdale Water District, and Littlerock Creek Irrigation District (collectively the “member agencies”);

WHEREAS, Section 5 of the agreement provides the process for setting the reimbursement rate related to services provided by the member agencies under this agreement;

WHEREAS, it would be beneficial to the Association to amend Section 5 of the agreement, to allow reimbursement of services based on the hourly rate for the persons engaged by the member agency to serve the Association.

NOW THEREFORE, the members of the Association hereby exercise their right to amend the agreement by replacing Section 5 with the following:

Association shall pay the member agency for service at the current hourly rate for the person engaged by the member agency to serve the Association. The member agency shall remit an invoice for service within ten days after the month during which services are provided. Association shall pay the invoice within fifteen days of remittance.

IN WITNESS WHEREOF, the members of the Association have executed this Amendment as of the \_\_\_\_\_ day of \_\_\_\_\_, 2018.

**Palmdale Water District**

By: \_\_\_\_\_  
Dennis LaMoreaux, General Manager

**Antelope Valley-East Kern Water Agency**

By: \_\_\_\_\_  
Dwayne Chisam, General Manager

**Littlerock Creek Irrigation District**

By: \_\_\_\_\_  
James Chaisson, General Manager

## **AGREEMENT FOR OFFICE AND ADMINISTRATIVE SERVICES**

As of November 9, 2006, the **Antelope Valley State Water Contractors Association** ("Association"), **Antelope Valley East Kern Water Agency** ("AVEK"), **Palmdale Water District** ("Palmdale"), and **Littlerock Creek Irrigation Member District** ("Littlerock") agree as follows:

### **1. Purpose.**

This Agreement sets forth the terms under which the Association will obtain office and administrative services from AVEK, Palmdale and Littlerock (collectively the "member agencies").

### **2. Scope.**

The services covered by this Agreement include offices and administrative services required by the Association to fulfill its mission.

### **3. General.**

The Association may request a member agency to provide specified office or administrative services. A task order will be prepared by the Association setting forth the terms, if any, under which the member agency will provide the requested service. The task order will be approved by the governing body of the Association or by the Chief Executive Officer of the Association when authorized by the governing body.

### **4. Term.**

This Agreement commences on November 9, 2006, and terminates on at least ninety days prior written notice by any member agency.

### **5. Consideration.**

Association shall pay the member agency for service at the rates specified in the task order. The member agency shall remit an invoice for service within ten days after the end of the month during which services are provided. Association shall pay the invoice within fifteen days of remittance.

### **6. Independent Contractor.**

A member agency which provides service is an independent contractor. The member agency shall provide compensation and benefits as required by law and the member agency's policies to persons engaged to provide services to the Association.

### **7. Insurance.**

(a) The member agency shall maintain workers' compensation and disability coverage for persons engaged by the member agency to serve the Association as required by law during the term of this Agreement.



(b) The member agency shall maintain commercial general liability insurance written on an occurrence basis in the amount of \$1,000,000 combined single limit per occurrence for bodily injury, personal injury, and property damage

(c) Business automobile liability insurance insuring all owned, non-owned and hired automobiles, in the amount of \$1,000,000 combined single limit per accident for bodily injury and property damage.

(4) Professional liability insurance covering loss resulting from errors or omissions of Association with a liability limit of at least \$1,000,000 per occurrence.

(iii) Any failure to comply with the claim reporting provisions of the policies or any breach of a policy warranty shall not affect coverage under the policy provided to the member agencies, its Board Members, officers, employees, agents and volunteers.

### **8. Indemnification.**

Association shall defend, indemnify, and hold harmless the member agencies, its officers, employees and agents, from and against loss, injury, liability, or damages arising from any act or omission to act, including any negligent act or omission to act by Association or Association's officers, employees, or agents. Association's duty to indemnify and defend does not extend to the damages or liability caused by the agency's sole negligence, active negligence, or willful misconduct.

### **9. Notices.**

Notices shall be deemed received when deposited in the U. S. Mail with postage prepaid and registered or certified addressed as follows unless advising in writing to the contrary:

Antelope Valley State Water  
Contractors Association  
ATTN: Chair  
2029 East Avenue Q  
Palmdale, CA 93550

Antelope Valley-East Kern Water Agency  
ATTN: General Manager  
6500 West Avenue N  
Palmdale, CA 93551-2855

Palmdale Water District  
ATTN: General Manager  
2029 East Avenue Q  
Palmdale, CA 93550-4050

Littlerock Creek Irrigation District  
ATTN: General Manager  
35141 87<sup>th</sup> Street East  
Littlerock, CA 93543

### **10. Miscellaneous.**

(a) The waiver by either party of any breach of this agreement shall not bar the other party from enforcing any subsequent breach thereof.

(b) If an action at law or in equity is brought to enforce this agreement, the prevailing party shall be entitled to reasonable attorney fees and costs.

(c) This Agreement shall be interpreted and construed under, and the rights of the parties will be governed by the laws of the State of California.

**IN WITNESS WHEREOF**, the parties hereby have caused this Agreement to be executed the date first above written.

**Antelope Valley State Water Contractors Association**

By: Barbara Hogan  
Barbara Hogan, Chair

Attest:

By: Leo Thibault  
Secretary

Approved as to Form:

By: [Signature]  
Association Counsel

**Palmdale Water District**

By: Dennis D. LaMoreaux  
Dennis D. LaMoreaux, General Manager

Attest:

By: [Signature]  
Secretary

Approved as to Form:

By: [Signature]  
District Counsel

**Antelope Valley East Kern Water Agency**

By: Russell E Fuller  
Russell Fuller, General Manager

Attest:

By: [Signature]  
Secretary

Approved as to Form:

By: Bill Brune  
Agency Counsel

**Littlerock Creek Irrigation District**

By: Bradley J. Bones  
Bradley J. Bones, General Manager

Attest:

By: Francis Young  
Secretary

Approved as to Form:

By: [Signature]  
District Counsel

**ANTELOPE VALLEY  
STATE WATER CONTRACTORS ASSOCIATION  
COMMISSION MEMORANDUM**

**DATE:** November 7, 2018 November 15, 2018  
**TO:** AVSWCA Commissioners **Commission Meeting**  
**FROM:** Matthew Knudson, General Manager  
**RE:** ***AGENDA ITEM NO. 8 - CONSIDERATION AND POSSIBLE ACTION ON APPROVAL OF THE 2018 AMENDED AND RESTATED MEMORANDUM OF UNDERSTANDING (MOU) FOR THE ANTELOPE VALLEY REGIONAL WATER MANAGEMENT GROUP IRWMP.***

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**Recommendation:**

Staff recommends the Commissioners approve the attached 2018 Amended and Restated Memorandum of Understanding (MOU) for the Antelope Valley Regional Water Management Group IRWMP.

**Background:**

The Association became involved in the Regional Water Management Group in 2007 to assist the region to pursue grant funding and facilitate implementation of the Integrated Regional Water Management Plan (IRWMP), which was adopted by the Association. A full update of the IRWMP is needed to identify Antelope Valley Region water management issues, update current supply and demand projections, and comply with Department of Water Resources guidelines for grant eligibility. The attached MOU sets forth the funding to be provided by each of the 11 parties of the Regional Water Management Group for this update.

Because the Association's members are also members of the RWMG, the Association will contribute \$0 under this MOU. The Association does however provide an important role by assisting with the administration of the consultant contracts and managing the funds that will be deposited per the attached MOU.

**Supporting Documents:**

- Amended and Restated Memorandum of Understanding Antelope Valley Regional Water Management Group IRWMP Cost Sharing





**AMENDED AND RESTATED  
MEMORANDUM OF UNDERSTANDING  
(Antelope Valley Regional Water Management Group IRWMP Cost Sharing)**

This Amended and Restated Memorandum of Understanding (“**Amended and Restated MOU**”) is entered into as of \_\_\_\_\_, 2018 (the “**Effective Date**”) and is between the following parties:

Antelope Valley-East Kern Water Agency;  
Palmdale Water District;  
Quartz Hill Water District;  
Littlerock Creek Irrigation District;  
Antelope Valley State Water Contractors Association (the “**Association**”);  
City of Palmdale;  
City of Lancaster;  
County Sanitation District No. 14 of Los Angeles County;  
County Sanitation District No. 20 of Los Angeles County;  
Rosamond Community Services District; and  
Los Angeles County Waterworks District No. 40, Antelope Valley (“**Waterworks District 40**”).

Each of these parties is referred to individually as “**Party**” and together as the “**Parties**.”

A. The *Integrated Regional Water Management Planning Act of 2002* (the “**Act**”), California Water Code section 10530 and 10531, et seq., establishes the State of California’s policy to encourage local agencies to work cooperatively to manage their available local and imported water supplies to improve the quality, quantity, and reliability of those supplies.

B. On or about January 9, 2007, the Parties entered into a *Memorandum of Understanding* (“**2007 MOU**”) to provide for the preparation of an Integrated Regional Water Management Plan (“**IRWMP**” or “**Plan**”) pursuant to the Act.

C. On or about April 7, 2009, the Parties entered an *Agreement on the Implementation of the Integrated Regional Water Management Plan* (“**RWMG Agreement**”) and established a new Regional Water Management Group (“**RWMG**”) under the Act for the Antelope Valley Region (“**Region**”), to pursue grant funding and facilitate implementation of the IRWMP for the Region. The RWMG Agreement formally established the relationship between the Parties in order to qualify the Region to apply for state grant funds under the Department of Water Resources (“**DWR**”) California State Integrated Regional Water Management Grant Program (“**Grant Program**”).

D. The 2007 MOU by its own terms may be amended with the approval of all Parties to continue to update the IRWMP through January 8, 2027.

E. The DWR amended the Grant Program Guidelines in 2016 (“**2016 Guidelines**”). In order to be eligible for the first round of 2018 Proposition 1 funding, the RWMG must update the Plan to comply with the 2016 Guidelines. The City of Palmdale has, on behalf of the RWMG, retained a consultant to prepare a “**Mini Update**” of the Plan to comply with the 2016 Guidelines.

F. The RWMG also intends to prepare a full update to the IRWMP (the “**Full Update**”). The Full Update will identify Antelope Valley Region water management issues and bring current supply and demand projections, and otherwise comply with DWR guidelines for grant eligibility. The Association has offered to retain a consultant to prepare the Full Update on behalf of the RWMG.

G. This Amended and Restated MOU is intended to set forth the amount of new funding to be provided by each Party for the updates to the Plan. Each Party’s contribution is based on its share of expenses under the 2007 MOU. Each Party’s contribution is set forth in Exhibit 1, which is attached hereto and incorporated herein as though set forth in its entirety.

H. The Parties also intend by this Amended and Restated MOU to provide for the City of Palmdale to pay the initial consultant costs (subject to reimbursement by the other Parties as accounted for by the Association) for the Mini Update; to substitute the Association for Waterworks District 40 with regards to the hiring of a consultant to prepare the Full Update, and to set out the expectations of each of the Parties with respect to information submittal and document review in support of the IRWMP updates.

The Parties therefore agree as follows:

1. **Administration of Plan Updates.** Except for the Mini Update payments described in Section 2, the Association shall have primary responsibility for coordinating RWMG Plan updates and managing funds under this MOU, including:

1. Administering a consultant contract for the Full Update. This will include preparing a request for proposals, evaluating consultant proposals, awarding a consultant contract, and overseeing the consultant’s services. The Association shall retain the consultant under a Professional Services Agreement substantially similar to Exhibit 3, which is attached hereto and incorporated herein as though set forth in its entirety.

2. For both the Mini Update and the Full Update, providing each Party with copies of the draft and final versions of technical reports and the draft Plan within seven calendar days after the date of receipt of those documents from the consultant. The Association shall transmit comments to the consultant within seven calendar days after the date of receipt of comments from each Party.

3. After a consultant incorporates comments from the Parties into the Draft Plan, making the Draft Plan available for public review, as required by law.

4. Preparing a final accounting (the “**Accounting**”) of all final actual consultant costs upon completion of the Mini Plan or the adopted Full Plan for review by all other Parties.

5. Refunding excess funds to the Parties within 60 days after completion of the Plan if the funds deposited with the Association exceed the consultant's costs, based upon the Accounting. The excess funds will be refunded to the Parties in proportion to their contribution towards the consultant costs in Exhibit 1, which is attached hereto and incorporated herein as though set forth in its entirety.

2. **Mini Update.** The Association is primarily responsible for managing funds under this MOU, but the City of Palmdale shall be initially responsible for paying the consultant’s costs associated with the Mini Update, with the understanding that the costs incurred will be reimbursed, less the City of

Palmdale's share, by the Association within 90 days of signing this Amended and Restated MOU. The Association will reimburse costs to the City of Palmdale with the funds contributed by the Parties' as set forth in Section 3.D and 3.E. Each Party's contribution is set forth in Exhibit 1.

3. **Joint Duties of the Parties.** Each of the Parties shall perform the duties set forth in this Section 3.

A. **Information Sharing:** Each Party will make reasonable efforts to provide and share all necessary and relevant information, data, studies, and/or documentation for the Plan in that Party's possession as may be requested by the consultant within 30 calendar days after the consultant's request. The Parties acknowledge that if the information, data, studies, and/or documentation is not provided within 30 days after the consultant's request, then it may not be incorporated in the Plan due to time constraints.

B. **Comments on Reports and Plan:** Each Party shall review and comment on the draft and final versions of technical reports and the draft Plan ("Final Review Documents") within 21 calendar days after the date of their receipt of the Final Review Documents from the Association. The Parties acknowledge that if their comments are not provided within 21 calendar days of their receipt of the Final Review Documents, then the comments may not be incorporated into the Full Update due to time constraints.

C. **Presentation to Governing Body:** Each Party will present the Full Update to its governing body for consideration and adoption within 45 calendar days (or 90 calendar days for Waterworks District 40) after the date of receipt of the Full Update from the Association. Any approval will be done by way of resolution in a form substantially similar to Exhibit 2, which is attached hereto and incorporated herein as though set forth in its entirety.

D. **Cost Contribution:** Each Party shall pay to the Association the amount set forth in Exhibit 1 for the consultant costs, subject to the provisions of Section 5.B. below.

E. **Payment:** Each Party shall deposit with the Association its contribution in the amount set forth in Exhibit 1 within 30 calendar days after execution of this Amended and Restated MOU.

F. **Grant Applications:** The Parties will prepare and review future grant applications for implementation of the Full Update.

4. **Waterworks District 40's Additional Duties.** Waterworks District 40 shall facilitate stakeholder meetings.

5. **Full Update Implementation.**

A. **Plan Adoption:** If the governing body of each Party does not adopt the Full Update within 45 calendar days (or 90 days for Waterworks District 40) after the date of receipt of the Full Update, then that action or inaction will constitute withdrawal from the RWMG. A Party that withdraws from the RWMG may be reinstated if and when the Party adopts the Full Update and agrees to any further additions and/or amendments to the Amended and Restated MOU.

B. Additional Costs: If the consultant costs exceed the funds deposited with the Association, then the Parties will supplement this Amended and Restated MOU to fund the additional portion of the consultant costs in excess of the funds deposited with the Association in proportion to the Parties' original contributions towards the consultant costs.

6. **General Provisions**

A. Supersession. This Amended and Restated MOU supersedes and replaces the 2007 MOU. This Amended and Restated MOU is intended to be read in conjunction with the RWMG Agreement, but to the extent of any conflict with the RWMG Agreement, this Amended and Restated MOU will govern.

B. MOU Amendments: This Amended and Restated MOU may be amended or modified only by mutual written consent of all Parties.

C. Expiration: This MOU is effective until January 8, 2027, unless otherwise amended or modified as set forth in Section 6. B.

D. Severability: If any provision of this Amended and Restated MOU is held, determined or adjudicated to be illegal, void, or unenforceable by a court of competent jurisdiction, the remainder of this Amended and Restated MOU shall be given effect to the fullest extent possible.

E. Notice:

1. Any correspondence, communication, or contact concerning this Amended and Restated MOU shall be directed to the contacts attached in Exhibit 4, which is attached hereto and incorporated herein as though set forth in its entirety.

2. Any Party may change its contact information by providing notice, in the manner set forth in Section 6.E.3, to all other Parties.

3. Notice will be deemed given upon personal delivery, five days after deposit in U.S. Mail (first class postage prepaid), or on the day of overnight delivery by a nationally-recognized carrier.

F. Authorized Agents: Each person signing this Amended and Restated MOU represents to have the necessary power and authority to bind the entity on behalf of which said person is signing and each of the other Parties can rely on that representation.

G. Execution: This Amended and Restated MOU may be executed in counterparts, each counterpart being an integral part of this Amended and Restated MOU.



The Parties are each signing this Amended and Restated MOU as of the date set forth opposite the signature below.

DATE: \_\_\_\_\_

[AGENCY NAME]

By: \_\_\_\_\_

Print Name:

Title:

ATTEST:

\_\_\_\_\_  
Clerk/Secretary

APPROVED AS TO FORM:

By: \_\_\_\_\_  
[City Attorney/District/Agency Counsel]

**EXHIBIT 1**

**Integrated Regional Water Management Group Cost Allocation**

<b>Party</b>	<b>Percent Share by Party from the 2007 MOU</b>	<b>Contribution for IRWMP Updates</b>
		<b>Total</b>
Antelope Valley-East Kern Water Agency	15.3846%	\$53,077
Palmdale Water District	18.4615%	\$63,692
Quartz Hill Water District	1.5385%	\$5,308
Littlerock Creek Irrigation District	1.5385%	\$5,308
Antelope Valley State Water Contractors Association*		\$0
City of Palmdale	15.3846%	\$53,077
City of Lancaster	13.8461%	\$47,769
County Sanitation District No. 14 of LA County	6.9231%	\$23,885
County Sanitation District No. 20 of LA County	6.9231%	\$23,885
Rosamond Community Services District	1.5385%	\$5,308
LA County Waterworks District No. 40	18.4615%	\$63,692
<b>TOTAL</b>	<b>100%</b>	<b>\$345,000</b>

\* The Antelope Valley State Water Contractor's Association is a joint powers authority comprised of Antelope Valley-East Kern Water Agency, Littlerock Creek Irrigation District, and Palmdale Water District. Because the Association's members are also members of the RWMG, the Association will contribute \$0, and will have no share of any overage costs.

**EXHIBIT 2**  
**Form of Resolution**

RESOLUTION OF THE (*governing body of agency*), ADOPTING THE INTEGRATED  
REGIONAL WATER MANAGEMENT PLAN  
FOR THE ANTELOPE VALLEY

The Antelope Valley Regional Water Management Group (“**RWMG**”) is composed of the Antelope Valley-East Kern Water Agency, Palmdale Water District, Quartz Hill Water District, Littlerock Creek Irrigation District, Antelope Valley State Water Contractors Association, City of Palmdale, City of Lancaster, County Sanitation District No. 14 of Los Angeles County, County Sanitation District No. 20 of Los Angeles County, Rosamond Community Services District, and Los Angeles County Waterworks District No. 40, Antelope Valley.

The RWMG is authorized under the California Water Code Division 6, Part 2.2, known as the *Integrated Regional Water Management Planning Act of 2002* (the “**Act**”) to implement an Integrated Regional Water Management Plan (“**IRWMP**”) for the Antelope Valley region.

Under the Act, the Parties collaboratively prepared an Integrated Regional Water Management Plan for the Antelope Valley (the “**Plan**”) that meets the requirements of the Act.

Section 10531 of the Act includes the following declarations:

- (d) Water is a valuable natural resource in California, and should be managed to ensure the availability of sufficient supplies to meet the state’s agricultural, domestic, industrial, and environmental needs. It is the intent of the Legislature to encourage local agencies to work cooperatively to manage their available local and imported water supplies to improve the quality, quantity, and reliability of those supplies.
- (e) Improved coordination among local agencies with responsibilities for managing water supplies and additional study of groundwater resources are necessary to maximize the quality and quantity of water available to meet the state’s agricultural, domestic, industrial, and environmental needs.
- (f) The implementation of the Integrated Regional Water Management Planning Act of 2002 will facilitate the development of integrated regional water management plans, thereby maximizing the quality and quantity of water available to meet the state’s water needs by providing a framework for local agencies to integrate programs and projects that protect and enhance regional water supplies.

The adoption of the Plan will allow the Antelope Valley Region to compete for State grant funding available under Proposition 1 and other future State and/or Federal grant programs.

The *[governing body of agency]*, as the governing body of the *[agency]*, hereby adopts the Plan on \_\_\_\_\_.

APPROVED AS TO FORM:

By \_\_\_\_\_

By: \_\_\_\_\_  
[City Attorney/District/Agency Counsel]

**EXHIBIT 3**  
**Form of Professional Services Agreement**



**EXHIBIT 4**  
**Integrated Regional Water Management Group Contacts**

1) ANTELOPE VALLEY-EAST KERN WATER AGENCY:

Mr. Dwayne Chisam  
General Manager  
6500 West Avenue N  
Palmdale, CA 93551

2) PALMDALE WATER DISTRICT:

Mr. Dennis LaMoreaux  
General Manager  
2029 East Avenue Q  
Palmdale, CA 93550

3) QUARTZ HILL WATER DISTRICT:

Mr. Chad Reed  
General Manager  
42141 50th Street West  
Quartz Hill, CA 93536

4) LITTLEROCK CREEK IRRIGATION DISTRICT:

Mr. James Chaisson  
General Manager  
35141 North 87th Street East  
Littlerock, CA 93543

5) ANTELOPE VALLEY STATE WATER CONTRACTORS ASSOCIATION:

Ms. Barbara Hogan  
Chairperson  
c/o Palmdale Water District  
2029 East Avenue Q  
Palmdale, CA 93550

6) CITY OF PALMDALE:

Mr. Chuck Heffernan  
Public Works Director  
38250 Sierra Highway  
Palmdale, CA 93550

7) CITY OF LANCASTER:

Mr. Jeff Hogan  
Director of Development Services  
City of Lancaster

44933 Fern Avenue  
Lancaster, CA 93534

8) COUNTY SANITATION DISTRICT NO. 14 OF LOS ANGELES COUNTY:

Ms. Grace Robinson Hyde  
Chief Engineer and General Manager  
County Sanitation Districts of Los Angeles County  
1955 Workman Mill Road  
Whittier, CA 90601

9) COUNTY SANITATION DISTRICT NO. 20 OF LOS ANGELES COUNTY:

Ms. Grace Robinson Hyde  
Chief Engineer and General Manager  
County Sanitation Districts of Los Angeles County  
1955 Workman Mill Road  
Whittier, CA 90601

10) ROSAMOND COMMUNITY SERVICES DISTRICT:

Mr. Ronald Smith  
General Manager  
3179 35th Street  
Rosamond, CA 93560

11) WATERWORKS DISTRICT 40:

Mr. Adam Ariki  
Assistant Deputy Director  
County of Los Angeles - Department of Public Works  
Waterworks Division  
P.O. Box 1460  
Alhambra, CA 91802-1460

**ANTELOPE VALLEY**  
**STATE WATER CONTRACTORS ASSOCIATION**  
**COMMISSION MEMORANDUM**

**DATE:** November 7, 2018 November 15, 2018  
**TO:** AVSWCA Commissioners Commission Meeting  
**FROM:** Matthew Knudson, General Manager  
**RE:** *AGENDA ITEM NO. 9 - CONSIDERATION AND POSSIBLE ACTION ON JOINT FUNDING AGREEMENT WITH THE USGS TO CONTINUE MONITORING GROUNDWATER LEVELS AND WATER QUALITY DURING THE PERIOD OF NOVEMBER 1, 2018 TO OCTOBER 31, 2019.*

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**Recommendation:**

Staff recommends that the Commissioners of the AVSWCA (Association) approve the attached Joint Funding Agreement with the USGS to continue monitoring groundwater levels and water quality during the period of November 1, 2018 to October 31, 2019.

**Background:**

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 2019 in approximately 175 wells (see List A). Semi-Annual Water levels will be measured in August 2019 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 approximately 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 2019 agreement (see List B). The remaining wells in Groups 1 and 3 will be sampled for specific conductance and temperature only (see List B).

Data collected in Elements 1 and 2 above will be transmitted annually in electronic form and are also available online at the USGS National Water Information System website as well as the USGS Antelope Valley State Water Contractors Association website.

**FUNDING SUMMARY**

<u>Element</u>	<u>AVSWCA Funds</u>	<u>USGS Funds</u>	<u>Total Funds</u>
1. Ground Water-Level monitoring	\$29,900	\$15,000	\$44,900
2. Ground Water-Quality monitoring	\$35,000	\$17,600	\$52,600
<b>TOTAL</b>	<b>\$64,900</b>	<b>\$32,600</b>	<b>\$97,500</b>

Total cost of the proposed program is \$97,500. AVSWCA is responsible for \$64,900, and subject to the availability of Federal matching funds, the USGS will provide \$32,600.

The following is a breakdown of the costs/share agreed upon by the other participating local entities/parties to fund the AVSWCA commitment:

- AVSWCA: 50% = \$32,450
- AVIRWMG: 25% = \$16,225
- AV Watermaster: 25% = \$16,225

The Association’s share of the USGS groundwater monitoring program is estimated to be \$32,450. The Association’s current policy for funding this program is to use State Water Project Table “A” amounts to determine the split among the member agencies. Based on this policy, the \$32,450 would be split among the member agencies as follows:

- AVEK: \$27,809.65 (85.7%)
- PWD: \$ 4,186.05 (12.9%)
- LCID: \$ 454.30 (1.4%)

Form 9-1366  
(May 2018)

Page 1 of 2

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

Customer#: 6000001010  
Agreement#: 19ZGJFA43000  
Project #: ZG00GZV  
TIN #: 95-4753654

Fixed Cost Agreement YES[ X ] NO[ ]

THIS AGREEMENT is entered into as of the 1<sup>st</sup> day of November, 2018, by the U.S. GEOLOGICAL SURVEY, California Water Science Center, 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 as outlined in the USGS program letter dated \_\_\_\_\_ (Scope of Work), 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) \$32,600.00 by the party of the first part during the period November 1, 2018 to October 31, 2019
- (b) \$64,900.00 by the party of the second part during the period November 1, 2018 to October 31, 2019
- (c) Contributions are provided by the party of the first part through other USGS regional or national programs, in the amount of : \$0.00

Description of the USGS regional/national program:  
*Not Applicable*

- (d) 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.
- (e) 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. [The Parties acknowledge that scientific information and data developed as a result of the Scope of Work \(SOW\) are subject to applicable USGS review, approval, and release requirements, which are available on the USGS Fundamental Science Practices website \(<https://www2.usgs.gov/fsp/>\).](#)



Form 9-1366  
(May 2018)

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

Customer#: 6000001010  
Agreement#: 19ZGJFA43000  
Project #: ZG00GZV  
TIN #: 95-4753654

Page 2 of 2

9. Billing for this agreement will be rendered quarterly. Invoices not paid within 60 days from the billing date will bear Interest, Penalties, and Administrative cost at the annual rate pursuant the Debt Collection Act of 1982, (codified at 31 U.S.C § 3717) established by the U.S. Treasury.

**Deleted:** 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.)

**USGS Technical Point of Contact**

Name: Scott Patterson  
Supervisory Hydrologic Technician  
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**Customer Technical Point of Contact**

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**USGS Billing Point of Contact**

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**Customer Billing Point of Contact**

Name:  
Address:  
Telephone:  
Fax:  
Email:

U.S. Geological Survey  
United States  
Department of Interior

ANTELOPE VALLEY STATE WATER  
CONTRACTORS ASSOCIATION

Signature

Signatures

By \_\_\_\_\_ Date: \_\_\_\_\_  
Name: Eric G. Reichard  
Title: Director, USGS California Water Science  
Center

By \_\_\_\_\_ Date: \_\_\_\_\_  
Name:  
Title:

By \_\_\_\_\_ Date: \_\_\_\_\_  
Name:  
Title:

By \_\_\_\_\_ Date: \_\_\_\_\_  
Name:  
Title:

Mr. Robert Parris, Chair and Mr. Matthew Knudson, General Manager -- Antelope Valley State Water Contractors Association

List A

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

Well Number	Frequency
4N/ 8W- 7C1	Annual
4N/ 8W- 7R1	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
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-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-35A1	Annual
6N/11W- 6F1	Annual
6N/11W-31A1	Annual
6N/11W-36G1	Semi-Annual
6N/12W- 9H3	Annual
6N/12W-20J1	Annual
6N/12W-29B1	Annual
7N/ 9W-17N2	Annual
7N/10W-2H2	Annual
7N/10W- 5E3	Annual
7N/10W- 5N5	Annual

Well Number	Frequency
7N/10W-19Q1	Annual
7N/10W-22P1	Annual
7N/10W-29B1	Annual
7N/10W-29Q1	Annual
7N/10W-33J1	Annual
7N/11W- 1Q1	Annual
7N/11W- 3E3	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/12W-19R1	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-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-9N2	Semi-Annual
7N/13W-13N1	Annual
7N/13W-26J2	Semi-Annual
7N/13W-34B1	Semi-Annual
7N/14W-13A1	Semi-Annual
8N/ 9W- 6D1	Annual
8N/10W-18P3	Annual
8N/10W-22H4	Annual
8N/10W-22P3	Semi-Annual

Well Number	Frequency
8N/10W-23F3	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-14B2	Annual
8N/13W-15M1	Annual
8N/13W-18Q2	Semi-Annual
8N/13W-20B1	Semi-Annual
8N/13W-23E1	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-24C1	Annual
8N/15W- 2A1	Annual
8N/15W- 7P1	Annual
8N/15W- 9D1	Annual
8N/15W-10P2	Annual
8N/15W-19H1	Annual
8N/16W- 2R1	Annual
8N/16W- 3F1	Annual
8N/16W- 6M1	Annual

Well Number	Frequency
8N/16W- 9G1	Annual
8N/16W-13N1	Annual
8N/16W-16A1	Annual
8N/16W-17R2	Annual
8N/16W-18H2	Annual
8N/16W-22Q4	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/13W- 4A1	Annual
9N/13W-14Q1	Annual
9N/13W-21N1	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-22D1	Annual
9N/15W-26N1	Semi-Annual
9N/15W-30Q1	Annual
9N/15W-34B2	Annual
9N/17W-36K1	Annual
10N/ 9W- 4D1	Semi-Annual

Well Number	Frequency
10N/ 9W-24A2	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/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-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

**List B**

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

**GROUP 1**

5N/10W- 8H1  
5N/11W- 1C1  
6N/11W- 6F1  
6N/11W-11D1  
6N/11W-36G1  
6N/12W- 9H3  
7N/11W- 3E3  
7N/11W-19E1  
7N/13W-14E1

**GROUP 2**

7N/14W-13A1  
8N/10W-22H4  
8N/10W-22P3  
8N/12W-16M1  
8N/12W-21Q1\*  
8N/16W-13N1  
9N/13W-25N1  
9N/13W-35C1  
10N/13W-32D1\*

**GROUP 3**

9N/13W-28R1  
9N/13W-30N1  
29S/39E-23J2  
30S/37E-24J3\*  
30S/37E-34H2  
31S/37E-1R2  
32S/37E-16R1\*  
32S/37E-27G1

\* Site has been discontinued. Placeholder until a replacement can be found.

Site ID	SWN Long	SWN Short	Frequency	QW	SiteID	Status
3.42713E+14	004N008W07C001S	4N/ 8W- 7C1	Annual		3.42713E+14	Active
3.42631E+14	004N008W07R001S	4N/ 8W- 7R1	Annual		3.42631E+14	Active
3.42706E+14	004N013W12C003S	4N/13W-12C3	Annual		3.42706E+14	Active
3.42609E+14	004N013W15A001S	4N/13W-15A1	Annual		3.42609E+14	Active
3.43328E+14	005N009W04C001S	5N/ 9W- 4C1	Annual		3.43328E+14	Active
3.43242E+14	005N009W05R002S	5N/ 9W- 5R2	Annual		3.43242E+14	Active
3.43155E+14	005N009W08J001S	5N/ 9W- 8J1	Annual		3.43155E+14	Active
3.43237E+14	005N010W06N001S	5N/10W- 6N1	Annual		3.43237E+14	Active
3.43216E+14	005N010W08H001S	5N/10W- 8H1	QW Only	Group 1	3.43216E+14	Active
3.43205E+14	005N010W12M002S	5N/10W-12M2	Annual		3.43205E+14	Active
3.43051E+14	005N010W17R001S	5N/10W-17R1	Annual		3.43051E+14	Active
3.43326E+14	005N011W01C001S	5N/11W- 1C1	QW Only	Group 1	3.43326E+14	Active
3.43503E+14	006N008W28A002S	6N/ 8W-28A2	Annual		3.43503E+14	Active
3.43418E+14	006N008W34D001S	6N/ 8W-34D1	Annual		3.43418E+14	Active
3.43824E+14	006N009W04H002S	6N/ 9W- 4H2	Annual		3.43824E+14	Active
3.43726E+14	006N009W07J001S	6N/ 9W- 7J1	Semi-Annual		3.43726E+14	Active
3.43515E+14	006N009W21R001S	6N/ 9W-21R1	Annual		3.43515E+14	Active
3.43448E+14	006N009W28F001S	6N/ 9W-28F1	Annual		3.43448E+14	Active
3.4345E+14	006N009W30F001S	6N/ 9W-30F1	Annual		3.4345E+14	Active
3.43356E+14	006N009W33G001S	6N/9W-33G1	Annual		3.43356E+14	Active
3.4333E+14	006N009W33P001S	6N/ 9W-33P1	Semi-Annual		3.4333E+14	Active
3.43832E+14	006N010W04F002S	6N/10W- 4F2	Annual		3.43832E+14	Active
3.43813E+14	006N010W04M001S	6N/10W- 4M1	Annual		3.43813E+14	Active
3.4382E+14	006N010W05H001S	6N/10W- 5H1	Annual		3.4382E+14	Active
3.43515E+14	006N010W20N001S	6N/10W-20N1	Annual		3.43515E+14	Active
3.43557E+14	006N010W22D001S	6N/10W-22D1	Annual		3.43557E+14	Active
3.43513E+14	006N010W30A002S	6N/10W-30A2	Annual		3.43513E+14	Active
3.4342E+14	006N010W35A001S	6N/10W-35A1	Annual		3.4342E+14	Active
3.43822E+14	006N011W06F001S	6N/11W- 6F1	Annual	Group 1	3.43822E+14	Active
3.43752E+14	006N011W11D001S	6N/11W-11D1	QW Only	Group 1	3.43752E+14	Active
3.43419E+14	006N011W31A001S	6N/11W-31A1	Annual		3.43419E+14	Active
3.43404E+14	006N011W36G001S	6N/11W-36G1	Semi-Annual	Group 1	3.43404E+14	Active
3.43727E+14	006N012W09H003S	6N/12W- 9H3	Annual	Group 1	3.43727E+14	Active
3.43526E+14	006N012W20J001S	6N/12W-20J1	Annual		3.43526E+14	Active
3.43515E+14	006N012W29B001S	6N/12W-29B1	Annual		3.43515E+14	Active
3.44124E+14	007N009W17N002S	7N/ 9W-17N2	Annual		3.44124E+14	Active
3.4434E+14	007N010W02H002S	7N/10W-2H2	Annual		3.4434E+14	Active
3.44342E+14	007N010W05E003S	7N/10W- 5E3	Annual		3.44342E+14	Active
3.4432E+14	007N010W05N005S	7N/10W- 5N5	Annual		3.4432E+14	Active
3.44033E+14	007N010W19Q001S	7N/10W-19Q1	Annual		3.44033E+14	Active
3.44044E+14	007N010W22P001S	7N/10W-22P1	Annual		3.44044E+14	Active
3.44029E+14	007N010W29B001S	7N/10W-29B1	Annual		3.44029E+14	Active
3.43939E+14	007N010W29Q001S	7N/10W-29Q1	Annual		3.43939E+14	Active
3.43925E+14	007N010W33J001S	7N/10W-33J1	Annual		3.43925E+14	Active
3.4431E+14	007N011W01Q001S	7N/11W- 1Q1	Annual		3.4431E+14	Active
3.44338E+14	007N011W03E003S	7N/11W- 3E3	Annual	Group 1	3.44338E+14	Active
3.44147E+14	007N011W12M001S	7N/11W-12M1	Annual		3.44147E+14	Active
3.44124E+14	007N011W14N001S	7N/11W-14N1	Annual		3.44124E+14	Active
3.44152E+14	007N011W16H003S	7N/11W-16H3	Annual		3.44152E+14	Active
3.44104E+14	007N011W19E001S	7N/11W-19E1	QW Only	Group 1	3.44104E+14	Active
3.43939E+14	007N011W27Q001S	7N/11W-27Q1	Annual		3.43939E+14	Active
3.43939E+14	007N011W28Q001S	7N/11W-28Q1	Annual		3.43939E+14	Active
3.44005E+14	007N011W29G001S	7N/11W-29G1	Annual		3.44005E+14	Active
3.43909E+14	007N011W31M001S	7N/11W-31M1	Annual		3.43909E+14	Active
3.4403E+14	007N012W19R001S	7N/12W-19R1	Annual		3.4403E+14	Active
3.4412E+14	007N012W24A001S	7N/12W-24A1	Semi-Annual		3.4412E+14	Active
3.43951E+14	007N012W26K003S	7N/12W-26K3	Annual		3.43951E+14	Active
3.44005E+14	007N012W27F005S	7N/12W-27F5	Annual		3.44005E+14	Active
3.44005E+14	007N012W27F006S	7N/12W-27F6	Annual		3.44005E+14	Active
3.44005E+14	007N012W27F007S	7N/12W-27F7	Annual		3.44005E+14	Active
3.44005E+14	007N012W27F008S	7N/12W-27F8	Annual		3.44005E+14	Active
3.44003E+14	007N012W27H005S	7N/12W-27H5	Annual		3.44003E+14	Active
3.44003E+14	007N012W27H006S	7N/12W-27H6	Annual		3.44003E+14	Active

3.44003E+14	007N012W27H007S	7N/12W-27H7	Annual		3.44003E+14	Active
3.44003E+14	007N012W27H008S	7N/12W-27H8	Annual		3.44003E+14	Active
3.43903E+14	007N012W27J005S	7N/12W-27J5	Semi-Annual		3.43903E+14	Active
3.44348E+14	007N013W03D001S	7N/13W- 3D1	Annual		3.44348E+14	Active
3.44227E+14	007N013W09N002S	7N/13W-9N2	Semi-Annual		3.44227E+14	Active
3.44122E+14	007N013W13N001S	7N/13W-13N1	Annual		3.44122E+14	Active
3.44E+14	007N013W14E001S	7N/13W-14E1	QW Only	Group 1	3.44E+14	Active
3.44E+14	007N013W26J002S	7N/13W-26J2	Semi-Annual		3.44E+14	Active
3.43932E+14	007N013W34B001S	7N/13W-34B1	Semi-Annual		3.43932E+14	Active
3.44209E+14	007N014W13A001S	7N/14W-13A1	Semi-Annual	Group 2	3.44209E+14	Active
3.44911E+14	008N009W06D001S	8N/ 9W- 6D1	Annual		3.44911E+14	Active
3.44643E+14	008N010W18P003S	8N/10W-18P3	Annual		3.44643E+14	Active
3.44623E+14	008N010W22H004S	8N/10W-22H4	Annual	Group 2	3.44623E+14	Active
3.44551E+14	008N010W22P003S	8N/10W-22P3	Semi-Annual	Group 2	3.44551E+14	Active
3.44627E+14	008N010W23F003S	8N/10W-23F3	Annual		3.44627E+14	Active
3.44643E+14	008N011W14R001S	8N/11W-14R1	Annual		3.44643E+14	Active
3.44641E+14	008N011W15Q001S	8N/11W-15Q1	Annual		3.44641E+14	Active
3.44551E+14	008N011W24R002S	8N/11W-24R2	Annual		3.44551E+14	Active
3.44443E+14	008N011W34D002S	8N/11W-34D2	Annual		3.44443E+14	Active
3.44825E+14	008N012W02Q001S	8N/12W- 2Q1	Annual		3.44825E+14	Active
3.44913E+14	008N012W05D001S	8N/12W- 5D1	Annual		3.44913E+14	Active
3.44747E+14	008N012W10J001S	8N/12W-10J1	Semi-Annual		3.44747E+14	Active
3.44703E+14	008N012W16M001S	8N/12W-16M1	QW Only	Group 2	3.44703E+14	Active
3.44547E+14	008N012W21R001S	8N/12W-21R1	Annual		3.44547E+14	Active
3.44534E+14	008N012W28D001S	8N/12W-28D1	Semi-Annual		3.44534E+14	Active
3.44517E+14	008N012W30K001S	8N/12W-30K1	Annual		3.44517E+14	Active
3.44405E+14	008N012W31Q002S	8N/12W-31Q2	Annual		3.44405E+14	Active
3.44418E+14	008N012W34K001S	8N/12W-34K1	Annual		3.44418E+14	Active
3.44848E+14	008N013W05E001S	8N/13W- 5E1	Annual		3.44848E+14	Active
3.44819E+14	008N013W07B001S	8N/13W- 7B1	Semi-Annual		3.44819E+14	Active
3.44758E+14	008N013W09K001S	8N/13W- 9K1	Annual		3.44758E+14	Active
3.44725E+14	008N013W14B002S	8N/13W-14B2	Annual		3.44725E+14	Active
3.44657E+14	008N013W15M001S	8N/13W-15M1	Annual		3.44657E+14	Active
3.44647E+14	008N013W18Q002S	8N/13W-18Q2	Semi-Annual		3.44647E+14	Active
3.44623E+14	008N013W20B001S	8N/13W-20B1	Semi-Annual		3.44623E+14	Active
3.4462E+14	008N013W23E001S	8N/13W-23E1	Annual		3.4462E+14	Active
3.44403E+14	008N013W31Q001S	8N/13W-31Q1	Annual		3.44403E+14	Active
3.44425E+14	008N013W35M001S	8N/13W-35M1	Annual		3.44425E+14	Active
3.44911E+14	008N014W01C001S	8N/14W- 1C1	Annual		3.44911E+14	Active
3.44751E+14	008N014W10L001S	8N/14W-10L1	Annual		3.44751E+14	Active
3.44658E+14	008N014W17M001S	8N/14W-17M1	Semi-Annual		3.44658E+14	Active
3.44635E+14	008N014W18N001S	8N/14W-18N1	Semi-Annual		3.44635E+14	Active
3.44652E+14	008N014W24C001S	8N/14W-24C1	Annual		3.44652E+14	Active
3.44907E+14	008N015W02A001S	8N/15W- 2A1	Annual		3.44907E+14	Active
3.44722E+14	008N015W07P001S	8N/15W- 7P1	Annual		3.44722E+14	Active
3.44812E+14	008N015W09D001S	8N/15W- 9D1	Annual		3.44812E+14	Active
3.44727E+14	008N015W10P002S	8N/15W-10P2	Annual		3.44727E+14	Active
3.44613E+14	008N015W19H001S	8N/15W-19H1	Annual		3.44613E+14	Active
3.44814E+14	008N016W02R001S	8N/16W- 2R1	Annual		3.44814E+14	Active
3.44841E+14	008N016W03F001S	8N/16W- 3F1	Annual		3.44841E+14	Active
3.44828E+14	008N016W06M001S	8N/16W- 6M1	Annual		3.44828E+14	Active
3.44759E+14	008N016W09G001S	8N/16W- 9G1	Annual		3.44759E+14	Active
3.44636E+14	008N016W13N001S	8N/16W-13N1	Annual	Group 2	3.44636E+14	Active
3.44714E+14	008N016W16A001S	8N/16W-16A1	Annual		3.44714E+14	Active
3.44633E+14	008N016W17R002S	8N/16W-17R2	Annual		3.44633E+14	Active
3.44701E+14	008N016W18H002S	8N/16W-18H2	Annual		3.44701E+14	Active
3.44541E+14	008N016W22Q004S	8N/16W-22Q4	Annual		3.44541E+14	Active
3.44858E+14	008N017W04D001S	8N/17W- 4D1	Annual		3.44858E+14	Active
3.44614E+14	008N018W23F001S	8N/18W-23F1	Annual		3.44614E+14	Active
3.4542E+14	009N009W06E001S	9N/ 9W- 6E1	Semi-Annual		3.4542E+14	Active
3.45051E+14	009N009W27H002S	9N/ 9W-27H2	Semi-Annual		3.45051E+14	Active
3.45302E+14	009N010W08P001S	9N/10W- 8P1	Annual		3.45302E+14	Active
3.45158E+14	009N010W24C001S	9N/10W-24C1	Semi-Annual		3.45158E+14	Active
3.45158E+14	009N010W24C002S	9N/10W-24C2	Annual		3.45158E+14	Active
3.45042E+14	009N010W28F002S	9N/10W-28F2	Annual		3.45042E+14	Active
3.44947E+14	009N011W36L001S	9N/11W-36L1	Annual		3.44947E+14	Active
3.45237E+14	009N012W16E004S	9N/12W-16E4	Annual		3.45237E+14	Active



3.45112E+14	009N012W23N001S	9N/12W-23N1	Annual		3.45112E+14	Active
3.45423E+14	009N013W04A001S	9N/13W- 4A1	Annual		3.45423E+14	Active
3.45202E+14	009N013W14Q001S	9N/13W-14Q1	Annual		3.45202E+14	Active
3.451E+14	009N013W21N001S	9N/13W-21N1	Annual		3.451E+14	Active
3.45006E+14	009N013W25N001S	9N/13W-25N1	QW Only	Group 2	3.45006E+14	Active
3.45006E+14	009N013W28R001	9N/13W-28R1	Annual	Group 3	3.45006E+14	Active
3.45032E+14	009N013W29M001	9N/13W-29M1	Annual		3.45032E+14	Active
3.45006E+14	009N013W30N001S	9N/13W-30N1	Annual	Group 3	3.45006E+14	Active
3.44953E+14	009N013W32C001S	9N/13W-32C1	Annual		3.44953E+14	Active
3.44954E+14	009N013W32D001S	9N/13W-32D1	Annual		3.44954E+14	Active
3.44914E+14	009N013W34Q001S	9N/13W-34Q1	Semi-Annual		3.44914E+14	Active
3.45004E+14	009N013W35C001S	9N/13W-35C1	QW Only	Group 2	3.45004E+14	Active
3.444E+14	009N014W01H001S	9N/14W- 1H1	Annual		3.444E+14	Active
3.45117E+14	009N014W19L001S	9N/14W-19L1	Annual		3.45117E+14	Active
3.45143E+14	009N014W20B001S	9N/14W-20B1	Annual		3.45143E+14	Active
3.45122E+14	009N014W21G001S	9N/14W-21G1	Annual		3.45122E+14	Active
3.45144E+14	009N014W22D001S	9N/14W-22D1	Annual		3.45144E+14	Active
3.45001E+14	009N015W26N001S	9N/15W-26N1	Semi-Annual		3.45001E+14	Active
3.45E+14	009N015W30Q001S	9N/15W-30Q1	Annual		3.45E+14	Active
3.44946E+14	009N015W34B002S	9N/15W-34B2	Annual		3.44946E+14	Active
3.44933E+14	009N017W36K001S	9N/17W-36K1	Annual		3.44933E+14	Active
3.45951E+14	010N009W04D001S	10N/ 9W- 4D1	Semi-Annual		3.45951E+14	Active
3.45712E+14	010N009W24A002S	10N/ 9W-24A2	Annual		3.45712E+14	Active
3.45747E+14	010N012W13H001S	10N/12W-13H1	Annual		3.45747E+14	Active
3.45701E+14	010N012W20C006S	10N/12W-20C6	Annual		3.45701E+14	Active
3.4564E+14	010N012W22J001S	10N/12W-22J1	Annual		3.4564E+14	Active
3.50113E+14	011N008W29K001S	11N/ 8W-29K1	Annual		3.50113E+14	Active
3.50323E+14	011N009W13D001S	11N/ 9W-13D1	Annual		3.50323E+14	Active
3.50232E+14	011N009W24A001S	11N/ 9W-24A1	Annual		3.50232E+14	Active
3.50002E+14	011N009W36R001S	11N/ 9W-36R1	Annual		3.50002E+14	Active
3.5023E+14	011N010W19D001S	11N/10W-19D1	Annual		3.5023E+14	Active
3.50055E+14	011N010W27R001S	11N/10W-27R1	Annual		3.50055E+14	Active
3.50411E+14	011N011W07A001S	11N/11W- 7A1	Annual		3.50411E+14	Active
3.50411E+14	011N011W09A001S	11N/11W- 9A1	Annual		3.50411E+14	Active
3.50214E+14	011N013W19C001S	11N/13W-19C1	Annual		3.50214E+14	Active
3.50055E+14	011N013W29M001S	11N/13W-29M1	Annual		3.50055E+14	Active
3.50505E+14	012N012W35R001S	12N/12W-35R1	Annual		3.50505E+14	Active
3.5235E+14	029S039E23J002M	29S/39E-23J2	QW Only	Group 3	3.5235E+14	Active
3.52209E+14	029S039E33K001M	29S/39E-33K1	Annual		3.52209E+14	Active
3.51948E+14	030S037E13C001M	30S/37E-13C1	Annual		3.51948E+14	Active
3.51741E+14	030S037E27H002M	30S/37E-27H2	Annual		3.51741E+14	Active
3.51659E+14	030S037E34H002M	30S/37E-34H2	QW Only	Group 3	3.51659E+14	Active
3.51659E+14	030S037E36G001M	30S/37E-36G1	Annual		3.51659E+14	Active
3.51621E+14	030S037E36N001M	30S/37E-36N1	Annual		3.51621E+14	Active
3.52101E+14	030S038E03K002M	30S/38E- 3K2	Annual		3.52101E+14	Inactive
3.51838E+14	030S038E24F001M	30S/38E-24F1	Annual		3.51838E+14	Active
3.51714E+14	030S038E30P001M	30S/38E-30P1	Annual		3.51714E+14	Active
3.51712E+14	030S038E31C001M	30S/38E-31C1	Annual		3.51712E+14	Active
3.51534E+14	031S037E01R002M	31S/37E-1R2	QW Only	Group 3	3.51534E+14	Active
3.51131E+14	031S037E33H001M	31S/37E-33H1	Annual		3.51131E+14	Active
3.51104E+14	031S037E35N001M	31S/37E-35N1	Annual		3.51104E+14	Active
3.51347E+14	031S038E18P001M	31S/38E-18P1	Annual		3.51347E+14	Active
3.51256E+14	031S039E24P001M	31S/39E-24P1	Annual		3.51256E+14	Active
3.50637E+14	032S036E35D001M	32S/36E-35D1	Annual		3.50637E+14	Active
3.50919E+14	032S037E11N001M	32S/37E-11N1	Annual		3.50919E+14	Active
3.50933E+14	032S037E12M001M	32S/37E-12M1	Annual		3.50933E+14	Inactive
3.50828E+14	032S037E16R001M	32S/37E-16R1	QW Only	Group 3	3.50828E+14	Active
3.50623E+14	032S037E26N001M	32S/37E-26N1	Annual		3.50623E+14	Active
3.50707E+14	032S037E27G001M	32S/37E-27G1	QW Only	Group 3	3.50707E+14	Active
3.50616E+14	032S039E33L001M	32S/39E-33L1	Annual		3.50616E+14	Active

Wells removed (Annual, Semi-Annual and QW) on WY19 letter

3.44548E+14	008N012W21Q001S	8N/12W-21Q1	QW Only	Group 2	3.44548E+14	Active
3.45518E+14	010N013W32D001S	10N/13W-32D1	QW Only	Group 2	3.45518E+14	Active
3.51824E+14	030S037E24J003M	30S/37E-24J3	QW Only	Group 3	3.51824E+14	Active

Wells removed (Annual, Semi-Annual and QW) on WY18 letter

3.43441E+14	006N010W30J002S	6N/10W-30J2	Annual		3.43441E+14	Inactive
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3.44302E+14	007N013W07A001S	7N/13W-7A1	Semi-Annual	3.44302E+14	Inactive
3.44607E+14	008N014W23G001S	8N/14W-23G1	Annual	3.44607E+14	Inactive
3.4481E+14	008N016W12D001S	8N/16W-12D1	Annual	3.4481E+14	Inactive
3.44917E+14	009N012W33P001S	9N/12W-33P1	Annual	3.44917E+14	Inactive
3.45143E+14	009N014W24A001S	9N/14W-24A1	Annual	3.45143E+14	Inactive
3.45028E+14	009N014W29E001S	9N/14W-29E1	Annual	3.45028E+14	Inactive
3.44916E+14	009N014W35N001S	9N/14W-35N1	Annual	3.44916E+14	Inactive
3.51528E+14	031S037E04Q001M	31S/37E- 4Q1	Annual	3.51528E+14	Inactive
3.45019E+14	009N013W27K002S	9N/13W-27K2	Annual	3.45019E+14	Inactive
3.44844E+14	008N015W01E001S	8N/15W- 1E1	Annual	3.44844E+14	Inactive
3.44733E+14	008N013W11Q001S	8N/13W-11Q1	Annual	3.44733E+14	Inactive

Additional Water Levels Obtained in Spring 2016

Palmdale Water District Wells (airline readings obtained on April 13, 2016)

- Well 3A
- Well 2A
- Well 8A
- Well 7A
- Well 23
- Well 10A
- Well 11A

Wells recommended for removal in 2016

3.44219E+14	007N011W11N003S	7N/11W-11N3	Annual	3.44219E+14	Inactive
3.50933E+14	032S037E12M001M	32S/37E-12M1	Annual	3.50933E+14	Inactive
3.52101E+14	030S038E03K002M	30S/38E- 3K2	Annual	3.52101E+14	Inactive

Wells removed (Annual, Semi-Annual and QW) in 2015

3.42612E+14	004N013W07Q001S	4N/13W- 7Q1	Annual	3.42612E+14	InActive	
3.43148E+14	005N011W12R001S	5N/11W-12R1	Annual	3.43148E+14	Inactive	
3.43422E+14	006N009W29Q001S	6N/ 9W-29Q1	Annual	3.43422E+14	Inactive	
3.43741E+14	006N012W07A001S	6N/12W- 7A1	Semi-Annual	3.43741E+14	Inactive	
3.44119E+14	007N010W19D001S	7N/10W-19D1	Annual	3.44119E+14	Inactive	
3.44323E+14	007N011W05L001S	7N/11W- 5L1	Annual	3.44323E+14	Inactive	
3.43928E+14	007N011W34B001S	7N/11W-34B1	Annual	3.43928E+14	InActive	
3.44217E+14	007N012W12R001S	7N/12W-12R1	Annual	3.44217E+14	InActive	
3.44043E+14	007N012W22K001S	7N/12W-22K1	Annual	3.44043E+14	InActive	
3.44004E+14	007N012W27H001S	7N/12W-27H1	Annual	3.44004E+14	Inactive	
3.44303E+14	007N013W08B002S	7N/13W-8B2	Annual	3.44303E+14	InActive	
3.44213E+14	007N013W15D001S	7N/13W-15D1	Annual	3.44213E+14	InActive	
3.44542E+14	008N010W28B001S	8N/10W-28B1	Annual	3.44542E+14	Inactive	
3.44509E+14	008N013W26K001S	8N/13W-26K1	Annual	3.44509E+14	Inactive	
3.44817E+14	008N017W02N001S	8N/17W-2N1	Annual	3.44817E+14	Inactive	
3.45252E+14	009N013W07Q003S	9N/13W- 7Q3	Annual	3.45252E+14	Inactive	
3.44933E+14	009N017W36E001S	9N/17W-36E1	Annual	3.44933E+14	Inactive	
3.45829E+14	010N012W12K001S	10N/12W-12K1	Annual	3.45829E+14	Inactive	
3.45733E+14	010N012W15M003S	10N/12W-15M3	Annual	3.45733E+14	Inactive	
3.50212E+14	011N012W22F002S	11N/12W-22F2	Annual	3.50212E+14	Inactive	
3.51817E+14	030S037E24M002M	30S/37E-24M2	QW Only	Group 3	3.51817E+14	Inactive
3.52137E+14	030S038E04D002M	30S/38E-4D2	QW Only	Group 3	3.52137E+14	Inactive

**AMENDMENT NO. 2  
TO BYLAWS OF ANTELOPE VALLEY STATE  
WATER CONTRACTORS ASSOCIATION**

**WHEREAS**, water agencies in the Antelope Valley may experience emergencies from time to time that threaten the agency's ability to deliver an adequate supply of safe drinking water to its customers; and

**WHEREAS**, an agency may have the need for outside resources in order to respond to the emergency to maintain or restore adequate safe drinking water supply; and

**WHEREAS**, it is the desire of the Commissioners of the Antelope Valley State Water Contractors Association to support each member agency's and surrounding water agencies' duties to provide a safe and adequate supply of drinking water to its customers through cooperative efforts.

**NOW, THEREFORE, BE IT RESOLVED**, that it is the expressed intent that members of the Antelope Valley State Water Contractors Association provide mutual aid to each other and surrounding water agencies in the event of such an emergency.

**BE IT FURTHER RESOLVED**, that this aid may take the form of expertise, personnel, equipment and/or supplies; that this aid is to be rendered at cost; that personnel hours are to be billed at their unburdened hourly rate, including adjustments for overtime rates.

**BE IT FURTHER RESOLVED**, that this aid is not compulsory and that requests for aid should come from and be approved by the General Managers of the respective member agencies and surrounding water agencies.

**PASSED, APPROVED, AND ADOPTED** at a regular meeting of the Antelope Valley State Water Contractors Association held on November 15th, 2018.

**SECRETARY'S CERTIFICATE OF ADOPTION OF  
AMENDMENT NO. 2 TO BYLAWS**

I hereby certify that I am the duly elected and acting Secretary of the Antelope Valley State Water Contractors Association and that the foregoing amendment constitutes Amendment No. 2 to the bylaws of said Association as duly adopted at a meeting of the Commissioners of said Association held on \_\_\_\_\_,

IN WITNESS WHEREOF, I have hereunto subscribed my name this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

\_\_\_\_\_  
Kathy MacLaren, Secretary

**ANTELOPE VALLEY STATE WATER CONTRACTORS**  
**Balance Sheet**  
**For the Four Months Ending 10/31/2018**

	<u>YTD</u>
<b>ASSETS</b>	
Cash - General Fund	\$267,593.34
Restricted - AVRWMG	5,072.31
Accounts Receivable	0.00
Prepaid Insurance (Premium Period 10/1 - 9/30)	2,001.08
<b>Total Assets</b>	<u><u>\$274,666.73</u></u>
 <b>LIABILITIES AND FUND BALANCE</b>	
<b>LIABILITIES</b>	
Accounts Payable	\$3,557.13
<b>Total Liabilities</b>	<u>3,557.13</u>
<b>FUND BALANCE</b>	
Unassigned	271,109.60
<b>Total Fund Balance</b>	<u>271,109.60</u>
<b>Total Liabilities and Fund Balance</b>	<u><u>\$274,666.73</u></u>

**ANTELOPE VALLEY STATE WATER CONTRACTORS**  
**Statement of Revenues, Expenses and Change in Net Position**  
**For the Four Months Ending 10/31/2018**

	<b>October</b>	<b>YTD</b>
<b>Revenues:</b>		
Contributions - Member Agency		\$30,000.00
Contributions - Member Programs (USGS & CASGEM)		31,800.00
Contributions - Member Programs (Financial Analysis PSA)		27,377.00
Contributions - Member Programs (Big Rock Creek)	(9,288.13)	227,662.87
Contributions - Member Programs (AV Fair - Conservation Garden)		25,000.00
Contributions - Non-Member Programs (USGS)		
Contributions - Others (AVRWMG)		
Grant Re-imburement - IRWMP 2013 Update		
Water Sales - Pilot In-Lieu Banking		
Miscellaneous Refund		
Interest Earnings	9.71	20.33
<b>Total Revenue</b>		<b>\$341,860.20</b>
<b>Expenditures:</b>		
<b>General Government</b>		
Bank Fees		\$20.50
Insurance	181.92	727.65
Memberships	3,165.00	3,165.00
Outreach	1,649.95	2,543.80
Purchased Water		
Miscellaneous		
		6,456.95
<b>Public Resource</b>		
Contract Services - Administration	2,107.13	7,747.42
Contract Services - USGS & CASGEM		5,300.00
Contract Services - AVRWMG		
Contract Services - IRWMP 2013 Update		
Contract Services - BIG ROCK CREEK		
Contract Services - FINANCIAL ANALYSIS	1,233.75	6,041.39
Contract Services - General Projects		25,000.00
Contract Services - Other		
		44,088.81
<b>Total Expenditures</b>		<b>\$50,545.76</b>
<b>Change in Net Position</b>		<b>\$291,314.44</b>
<b>Net Position - Beginning of Year</b>		<b>(20,204.84)</b>
<b>Net Position - End of Year</b>		<b>\$271,109.60</b>

**ANTELOPE VALLEY STATE WATER CONTRACTORS**  
**Budget vs Actual FY2018-19**  
**For the Four Months Ending 10/31/2018**

	<u>October</u> <u>Actual</u>	<u>YTD</u> <u>Actual</u>	<u>Budget</u>	<u>Variance</u>
<b>General Revenues:</b>				
Contributions - Member Agency		\$30,000	(\$30,000)	\$60,000
Contributions - Member Agency (Other programs)				
Miscellaneous Refund				
Interest Earnings	10	20	(30)	50
<b>Total General Revenue</b>	<b><u>\$10</u></b>	<b><u>\$30,020</u></b>	<b><u>(\$30,030)</u></b>	<b><u>(\$60,050)</u></b>
<b>General Expenditures:</b>				
<b>General Government</b>				
Bank Fees		\$21	\$250	\$230
Insurance	182	728	2,350	1,622
Memberships	3,165	3,165	2,825	(340)
Outreach	1,650	2,544	5,000	2,456
Purchased Water				
Miscellaneous			250	250
Contract Services - Administration	2,107	7,747	15,000	7,253
Contract Services - Other		25,000	266,328	241,328
<b>Total General Expenditures</b>	<b><u>\$7,104</u></b>	<b><u>\$39,204</u></b>	<b><u>\$292,003</u></b>	<b><u>\$252,799</u></b>

**ANTELOPE VALLEY STATE WATER CONTRACTORS**  
**Budget vs Actual FY2018-19**  
**For the Four Months Ending 10/31/2018**

	<u>October</u> <u>Actual</u>	<u>YTD</u> <u>Actual</u>	<u>Budget</u>	<u>Variance</u>
<b>Program Revenues:</b>				
Contributions - Member Programs (USGS & CASGEM)		\$31,800	(\$31,800)	\$63,600
Contributions - Member (BIG ROCK CREEK)	(\$9,288)	\$227,663	(\$236,951)	\$464,614
Contributions - Member (FINANCIAL ANALYSIS)		\$27,377	(\$27,377)	\$54,754
Contributions - Others (USGS & CASGEM)			(\$31,800)	\$31,800
Contributions - Others (AVRWMP)				
Grant Re-imbusement - IRWMP 2013 Update				
Water Sales - Pilot In-Lieu Banking				
<b>Total Program Revenue</b>	<b><u>(\$9,288)</u></b>	<b><u>\$286,840</u></b>	<b><u>(\$327,928)</u></b>	<b><u>(\$614,768)</u></b>
<b>Program Expenditures:</b>				
Contract Services - USGS & CASGEM		\$5,300	\$31,800	\$26,500
Contract Services - AVIRWMP				
Contract Services - IRWMP 2013 Update				
Contract Services - BIG ROCK CREEK			236,951	236,951
Contract Services - FINANCIAL ANALYSIS	1,234	6,041	27,377	21,336
<b>Total Program Expenditures</b>		<b><u>\$5,300</u></b>	<b><u>\$31,800</u></b>	<b><u>\$26,500</u></b>