

**COMMISSIONERS**

ROBERT PARRIS, *Chair*  
VINCENT DINO, *Vice Chair*  
LEO THIBAUT, *Treasurer-Auditor*  
KATHY MAC LAREN, *Secretary*  
KEITH DYAS, *Commissioner*  
BARBARA HOGAN, *Commissioner*

**OFFICERS**

PETER THOMPSON II, *General Manager*  
TOM BARNES, *Resources Manager*  
DENNIS HOFFMEYER, *Controller*  
DANIELLE HENRY, *Management Analyst*

September 2, 2020

***Agenda for the Regular Meeting of the Commissioners  
of the Antelope Valley State Water Contractors Association***

**TO BE HELD VIA TELECONFERENCE ONLY**

**Dial-In Number: 571-748-4021 Attendee Pin: 480-360-883#**

**Submit Public Comments at: <https://www.gomeet.com/480-360-883>**

***Thursday, September 10, 2020***

***6:00 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) Adoption of agenda.
- 4) Public comments for items not on the agenda.
- 5) Consideration and possible action on minutes of regular meeting held July 9, 2020.
- 6) Payment of bills.

- 7) Consideration and possible action on amendment to the contract and scope of work with Kennedy Jenks for analysis of Big Rock Creek recharge alternatives. (General Manager Thompson II/Mr. Matthew Knudson, AVEK Assistant General Manager)
- 8) Report of General Manager.
  - a) Status updates:
    - 1) 2020 Home Show and SMART Water Expo.
    - 2) AVSWCA Special Meeting scheduled October 8, 2020.
    - 3) Replacement Water Assessments.
    - 4) Antelope Valley Watermaster meetings.
    - 5) Antelope Valley and Fremont Basin IRWMP Stakeholder meetings.
- 9) Report of Controller.
  - a) Update on Revenue, Expenses and Change in Net Position.
- 10) Reports of Commissioners.
- 11) Report of Attorney.
- 12) Commission members' requests for future agenda items.
- 13) Consideration and possible action on scheduling the next Association meeting.
- 14) Adjournment.

# ANTELOPE VALLEY STATE WATER CONTRACTORS ASSOCIATION

## COMMISSION MEMORANDUM

|              |  |                           |
|--------------|--|---------------------------|
| <b>DATE:</b> | September 1, 2020  | September 10, 2020        |
| <b>TO:</b>   | AVSWCA Commissioners   | <b>Commission Meeting</b> |
| <b>FROM:</b> | Matthew Knudson, AVEK Assistant General Manager  |                           |
| <b>VIA:</b>  | Peter Thompson II, AVSWCA General Manager  |                           |
| <b>RE:</b>   | <i><b>AGENDA ITEM NO. 7 - CONSIDERATION AND POSSIBLE ACTION ON AMENDMENT TO THE CONTRACT AND SCOPE OF WORK WITH KENNEDY JENKS FOR ANALYSIS OF BIG ROCK CREEK RECHARGE ALTERNATIVES</b></i> |                           |

### **Recommendation:**

Association staff recommends the Commissioners:

1. Approve the attached Amendment No. 1 to Kennedy Jenks Professional Services Agreement to prepare analysis of Big Rock Creek Recharge Alternatives; and
2. Authorize the General Manager to execute said Amendment No. 1.

### **Background:**

As part of the project, Kennedy Jenks (KJ) worked with Antelope Valley State Water Contractors Association (Association) staff to conduct a recharge demonstration test at Big Rock Creek, which was completed in December 2019. The results of the demonstration test indicated that utilizing Big Rock Creek for conveyance and recharge of imported water without any additional facilities or modifications was not feasible.

The purpose of this amendment is to conduct an alternatives analysis for new facilities that will allow for the Association to meet recharge objectives for the Project. The results of the analysis will provide recommendations for how to move forward with the project. The amendment applies to Kennedy Jenks' Professional Services Agreement dated August 1st, 2018, for the Project.

### **Financial Impact:**

**No Cost Amendment** - The total fee estimate for the scope of work described above is \$40,100.00, as detailed in attached amendment. It is proposed that the budget for the scope of work be transferred from remaining unused budget in Task 5. No additional fees are requested with this amendment.



AMENDMENT NO. 1 TO PROFESSIONAL SERVICES AGREEMENT DATED AUGUST 1, 2020,  
BETWEEN  
ANTELOPE VALLEY STATE WATER CONTRACTORS ASSOCIATION AND KENNEDY JENKS

THIS AMENDMENT NO. 1 to Professional Services Agreement for Professional Engineering Services for the Feasibility Study and Environmental Documentation for the Implementation of the Big Rock Creek Groundwater Recharge Project (“Amendment No. 1”) by and between Antelope Valley State Water Contractors Association, a Joint Power Authority (“AVSWCA”) and Kennedy Jenks Consultants, Inc. (“CONSULTANT”), is made and entered into this 10<sup>th</sup> day of September, 2020.

A. Recitals.

(i) On or about August 1, 2018, AVSWCA and CONSULTANT entered into that certain agreement entitled “Professional Services Agreement for the Feasibility Study and Environmental Documentation for the Implementation of the Big Rock Creek Groundwater Recharge Project” (“Agreement”), pursuant to which CONSULTANT provides Professional Engineering Services.

(ii) It is the intent of AVSWCA and CONSULTANT in executing this Amendment No. 1 to revise the Agreement in order for AVSWCA to obtain additional alternatives analysis for the proposed recharge facility.

B. Agreement.

NOW, THEREFORE, in consideration of the mutual covenants, promises and conditions contained herein, the parties agree as follows:

1. Section 3.1.1. “General Scope of Services” of the Agreement is hereby amended by adding Attachment A – “Task 7 Recharge Facilities Alternatives Analysis”.
2. Section 3.1.2. “Term” of the Agreement is hereby amended to December 31, 2021.
3. Section 3.3.1. “Compensation” of the Agreement is hereby amended as following:

“The total fee for the scope of work described in Attachment A is \$40,100.00, as detailed in Attachment C. The budget for this Amendment No. 1 will be transferred from remaining unused budget in Task 5. No additional “NOT TO EXCEED” compensation is authorized with this amendment.”

4. Except as otherwise expressly amended herein, each and every term of the Agreement shall continue in full force and effect.

IN WITNESS WHEREOF, the parties hereto have executed this Amendment No. 1, as of the date first written above.

AVSWCA

KENNEDY JENKS

By: \_\_\_\_\_  
Peter Thompson, General Manager

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



17 August 2020

Mr. Matt Knudson , General Manager  
Mr. Peter Thompson II, Assistant General Manager  
Antelope Valley State Water Contractors Association  
c/o Palmdale Water District  
2029 East Avenue Q  
Palmdale, CA 93550

Subject: Amendment to Feasibility Study and Environmental Documentation for the Implementation of the Big Rock Creek Groundwater Recharge Project

Dear Mr. Knudson and Mr. Thompson:

This letter describes our proposal for providing additional engineering services for the Big Rock Creek Groundwater Recharge Feasibility Study (Project). The scope of work and fee estimate for these additional services are described below.

## ***BACKGROUND & OBJECTIVE***

As part of the project, Kennedy Jenks (KJ) worked with Antelope Valley State Water Contractors Association (Association) staff to conduct a recharge demonstration test at Big Rock Creek, which was completed in December 2019. The results of the demonstration test indicated that utilizing Big Rock Creek for conveyance and recharge of imported water without any additional facilities or modifications was not feasible. The purpose of this amendment is to conduct an alternatives analysis for new facilities that will allow for the Association to meet recharge objectives for the Project. The results of the analysis will provide recommendations for how to move forward with the project. The amendment applies to Kennedy Jenks' Professional Services Agreement dated August 1<sup>st</sup>, 2018, for the Project.

## ***SCOPE OF WORK***

### **Task 7. Recharge Facilities Alternatives Analysis**

KJ will evaluate up to four (4) facility alternatives, which consist of the following:

- Build berms in Big Rock Creek to help spread recharge water across the full width of the creek bed
- Build a culvert at Avenue T to allow creek water to pass underneath the road crossing
- Build off-site engineering recharge basins adjacent to the creek
- Convey water from the turnout at Antelope Valley-East Kern Water Agency's (AVEK) turnout at the Eastside Water Treatment Plant (WTP) to Big Rock Creek, downstream of Avenue T.

#### **7.1 Alternatives Development**

For each alternative, the facility concepts will be defined, including location, capacity, and conceptual design criteria. KJ will work with the Association to define the recharge volume objective, which will

inform some of the facility capacities for each alternative. A figure or map will be produced to describe each alternative.

Regulatory and permitting requirements will be defined for each alternative.

A budgetary-level Association for the Advancement of Cost Engineering (AACE) Class 5 construction cost estimate will be developed for each alternative. Conceptual annual O&M costs will also be developed.

## 7.2 Alternatives Analysis

The alternatives will be evaluated using a weighted criteria ranking analysis. KJ will work with the Association to develop evaluation criteria, which may include:

- Recharge capacity
- Recharge location (sub-basin) and potential impact on recharge credits
- Capital cost
- Life-cycle cost
- Regulatory and permitting requirements
- Ease of construction
- Community impacts due to construction

KJ will work with the Association to define the weighting of each evaluation criterion and scoring of the alternatives using the selected evaluation criteria.

A score will be calculated for each alternative, based on the sum of the individual criterion scores multiplied by the criterion weighting:

$$\text{Alternative Score} = \sum \text{weighting} \times \text{criterion score}$$

The alternative(s) with the best score will be recommended for further study and implementation. KJ will work with the Association to ensure that the analysis reflects the Association's goals, priorities, and objectives.

## 7.3 Technical Memorandum Preparation

The development and results of the alternatives analysis will be summarized in a draft technical memorandum (TM). The Association's comments on the draft TM will be incorporated in development of the final TM.

### Deliverables:

- Alternatives figures, PDF format
- Draft and Final TM, PDF format

Mr. Matt Knudson  
Antelope Valley State Water Contractors Association  
17 August 2020  
Page 3

***FEE ESTIMATE***

The total fee estimate for the scope of work described above is \$40,100, as detailed in Attachment C. It is proposed that the budget for the scope of work be transferred from remaining unused budget in Task 5. No additional fees are requested with this amendment.

Very truly yours,  
Kennedy/Jenks Consultants, Inc.



David Ferguson, P.E., Ph.D.  
Vice President, Project Manager



Paul Chau, P.E.  
Principal, Project Engineer



CLIENT Name: Antelope Valley State Water Contractors Association

PROJECT Description: Amendment No. 1 - Preparation of Feasibility Study and Environmental Documentation for the Implementation of the Big Rock Creek Groundwater Recharge Project

Proposal/Job Number: B10450045

Date: 8/17/2020

| Classification:  | Eng-Sci-9 | Eng-Sci-8 | Eng-Sci-7  | Eng-Sci-6 | Eng-Sci-5  | Eng-Sci-4 | Eng-Sci-3 | Eng-Sci-2 | Eng-Sci-1 | Sr. CAD-Design | Project Administrator | Admin. Assist. | Aide     | Total      | KJ Labor         | Sub Helix Environmental Planning | KJ Sub-Markup  | KJ ODCs        | Total Labor      | Total Subs      | Total Expenses | Total Labor + Subs + Expenses |
|--|-----------|-----------|------------|-----------|------------|-----------|-----------|-----------|-----------|----------------|-----------------------|----------------|----------|------------|------------------|----------------------------------|----------------|----------------|------------------|-----------------|----------------|-------------------------------|
| Hourly Rate:   | \$275     | \$250     | \$235      | \$215     | \$195      | \$175     | \$160     | \$140     | \$130     | \$155          | \$110                 | \$90           | \$75     | Hours      | Fees             | Fees                             | 5%             | Fees           |                  |                 |                | Fees                          |
| <b>Task 1 - Base Project Management</b>                  |           |           |            |           |            |           |           |           |           |                |                       |                |          |            |                  |                                  |                |                |                  |                 |                |                               |
| 1.1 Management & Administration                          | 20        |           |            |           | 20         |           |           |           |           |                | 10                    |                |          | 50         | \$10,500         |                                  | \$0            |                | \$10,500         | \$0             | \$0            | \$10,500                      |
| 1.2 Kickoff Meeting                                      | 2         |           |            |           | 4          |           |           |           |           |                |                       |                |          | 6          | \$1,330          |                                  | \$0            | \$100          | \$1,330          | \$0             | \$105          | \$1,435                       |
| 1.3 Schedule, Status Report, and Progress Meetings       | 20        |           |            |           | 40         |           |           |           |           |                |                       |                |          | 60         | \$13,300         |                                  | \$0            | \$1,000        | \$13,300         | \$0             | \$1,050        | \$14,350                      |
| 1.4 On-Site Evaluation                                   | 4         |           |            |           | 4          |           | 4         |           |           |                |                       |                |          | 12         | \$2,520          |                                  | \$0            | \$200          | \$2,520          | \$0             | \$210          | \$2,730                       |
| 1.5 QA/QC  | 16        |           |            |           | 8          |           |           |           |           |                |                       |                |          | 24         | \$5,960          |                                  | \$0            |                | \$5,960          | \$0             | \$0            | \$5,960                       |
|  |           |           |            |           |            |           |           |           |           |                |                       |                |          | 0          | \$0              |                                  | \$0            |                | \$0              | \$0             | \$0            | \$0                           |
| <b>Task 1 - Subtotal</b>                                 | <b>62</b> | <b>0</b>  | <b>0</b>   | <b>0</b>  | <b>76</b>  | <b>0</b>  | <b>4</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>       | <b>10</b>             | <b>0</b>       | <b>0</b> | <b>152</b> | <b>\$33,610</b>  | <b>\$0</b>                       | <b>\$0</b>     | <b>\$1,300</b> | <b>\$33,610</b>  | <b>\$0</b>      | <b>\$1,365</b> | <b>\$34,975</b>               |
| <b>Task 2 - Demonstration Project</b>                    |           |           |            |           |            |           |           |           |           |                |                       |                |          |            |                  |                                  |                |                |                  |                 |                |                               |
| 2.1 Develop Test Plan                                    | 4         |           | 4          |           | 24         |           | 24        |           |           |                |                       |                |          | 56         | \$10,560         |                                  | \$0            |                | \$10,560         | \$0             | \$0            | \$10,560                      |
| 2.2 Review Monitoring Well Data                          |           |           | 8          |           | 4          |           |           |           |           |                |                       |                |          | 12         | \$2,660          |                                  | \$0            |                | \$2,660          | \$0             | \$0            | \$2,660                       |
| 2.3 Drone Aerial Surveys                                 |           |           |            |           | 20         |           |           |           |           | 108            |                       |                |          | 128        | \$20,640         |                                  | \$0            | \$2,000        | \$20,640         | \$0             | \$2,100        | \$22,740                      |
| 2.4 Hydrogeological Analysis                             | 4         |           | 16         |           |            |           |           |           |           |                |                       |                |          | 20         | \$4,860          |                                  | \$0            |                | \$4,860          | \$0             | \$0            | \$4,860                       |
| 2.5 Technical Memorandum                                 | 4         | 8         |            |           | 24         |           | 40        |           |           |                |                       |                |          | 76         | \$14,180         |                                  | \$0            | \$100          | \$14,180         | \$0             | \$105          | \$14,285                      |
|  |           |           |            |           |            |           |           |           |           |                |                       |                |          | 0          | \$0              |                                  | \$0            |                | \$0              | \$0             | \$0            | \$0                           |
| <b>Task 2 - Subtotal</b>                                 | <b>12</b> | <b>8</b>  | <b>28</b>  | <b>0</b>  | <b>72</b>  | <b>0</b>  | <b>64</b> | <b>0</b>  | <b>0</b>  | <b>108</b>     | <b>0</b>              | <b>0</b>       | <b>0</b> | <b>292</b> | <b>\$52,900</b>  | <b>\$0</b>                       | <b>\$0</b>     | <b>\$2,100</b> | <b>\$52,900</b>  | <b>\$0</b>      | <b>\$2,205</b> | <b>\$55,105</b>               |
| <b>Task 3 - Groundwater Modeling</b>                     |           |           |            |           |            |           |           |           |           |                |                       |                |          |            |                  |                                  |                |                |                  |                 |                |                               |
| 3.1 Hydrogeological Modeling Development                 | 4         |           | 120        |           | 4          |           |           |           |           |                |                       |                |          | 128        | \$30,080         |                                  | \$0            |                | \$30,080         | \$0             | \$0            | \$30,080                      |
| 3.2 Water Quality Modeling                               | 4         |           | 24         |           | 4          |           |           |           |           |                |                       |                |          | 32         | \$7,520          |                                  | \$0            |                | \$7,520          | \$0             | \$0            | \$7,520                       |
| 3.3 Technical Memorandum                                 | 2         |           | 24         |           |            |           |           |           |           |                |                       |                |          | 26         | \$6,190          |                                  | \$0            |                | \$6,190          | \$0             | \$0            | \$6,190                       |
|  |           |           |            |           |            |           |           |           |           |                |                       |                |          | 0          | \$0              |                                  | \$0            |                | \$0              | \$0             | \$0            | \$0                           |
| <b>Task 3 - Subtotal</b>                                 | <b>10</b> | <b>0</b>  | <b>168</b> | <b>0</b>  | <b>8</b>   | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>  | <b>0</b>       | <b>0</b>              | <b>0</b>       | <b>0</b> | <b>186</b> | <b>\$43,790</b>  | <b>\$0</b>                       | <b>\$0</b>     | <b>\$0</b>     | <b>\$43,790</b>  | <b>\$0</b>      | <b>\$0</b>     | <b>\$43,790</b>               |
| <b>Task 4 - Biological Constraints &amp; Delineation</b> |           |           |            |           |            |           |           |           |           |                |                       |                |          |            |                  |                                  |                |                |                  |                 |                |                               |
| 4.1 Biological Constraints & Jurisdictional Analyses     | 1         |           |            |           | 1          |           |           |           |           |                |                       |                |          | 2          | \$470            | \$23,253                         | \$1,163        |                | \$470            | \$24,415        | \$0            | \$24,885                      |
| <b>BASE SCOPE OF WORK TOTAL</b>                          | <b>85</b> | <b>8</b>  | <b>196</b> | <b>0</b>  | <b>157</b> | <b>0</b>  | <b>68</b> | <b>0</b>  | <b>0</b>  | <b>108</b>     | <b>10</b>             | <b>0</b>       | <b>0</b> | <b>632</b> | <b>\$130,770</b> | <b>\$23,253</b>                  | <b>\$1,163</b> | <b>\$3,400</b> | <b>\$130,770</b> | <b>\$24,415</b> | <b>\$3,570</b> | <b>\$158,755</b>              |



Attachment C - Proposal Fee Estimate

CLIENT Name: Antelope Valley State Water Contractors Association  
 PROJECT Description: Amendment No. 1 - Preparation of Feasibility Study and Environmental Documentation for the Implementation of the Big Rock Creek Groundwater Recharge Project  
 Proposal/Job Number: B10450045 Date: 8/17/2020

| Classification:   | Eng-Sci-9  | Eng-Sci-8 | Eng-Sci-7  | Eng-Sci-6 | Eng-Sci-5  | Eng-Sci-4 | Eng-Sci-3  | Eng-Sci-2 | Eng-Sci-1 | Sr. CAD-Design | Project Administrator | Admin. Assist. | Aide     | Total      | KJ Labor         | Sub Helix Environmental Planning | KJ Sub-Markup  | KJ ODCs        | Total Labor      | Total Subs      | Total Expenses | Total Labor + Subs + Expenses |
|---|------------|-----------|------------|-----------|------------|-----------|------------|-----------|-----------|----------------|-----------------------|----------------|----------|------------|------------------|----------------------------------|----------------|----------------|------------------|-----------------|----------------|-------------------------------|
| Hourly Rate:  | \$275      | \$250     | \$235      | \$215     | \$195      | \$175     | \$160      | \$140     | \$130     | \$155          | \$110                 | \$90           | \$75     | Hours      | Fees             | Fees                             | 5%             | Fees           |                  |                 |                | Fees                          |
| <b>ALTERNATIVE 1 SCOPE OF WORK</b>                        |            |           |            |           |            |           |            |           |           |                |                       |                |          |            |                  |                                  |                |                |                  |                 |                |                               |
| <b>Task 5 - CEQA for "Run-of-the-River" Concept</b>       |            |           |            |           |            |           |            |           |           |                |                       |                |          |            |                  |                                  |                |                |                  |                 |                |                               |
| 5.1 Cultural Resources                                    | 1          |           |            |           | 1          |           |            |           |           |                |                       |                |          | 2          | \$470            |                                  | \$0            |                | \$470            | \$0             | \$0            | \$470                         |
| 5.2 Noise and Vibration Analysis                          | 1          |           |            |           | 1          |           |            |           |           |                |                       |                |          | 2          | \$470            |                                  | \$0            |                | \$470            | \$0             | \$0            | \$470                         |
| 5.3 Draft IS/MND  | 4          |           |            |           | 4          |           |            |           |           |                |                       |                |          | 8          | \$1,880          |                                  | \$0            |                | \$1,880          | \$0             | \$0            | \$1,880                       |
| 5.4 Final IS/MND  | 4          |           |            |           | 4          |           |            |           |           |                |                       |                |          | 8          | \$1,880          | \$2,773                          | \$139          |                | \$1,880          | \$2,911         | \$0            | \$4,791                       |
| 5.5 PM for HELIX  |            |           |            |           |            |           |            |           |           |                |                       |                |          | 0          | \$0              | \$5,600                          | \$280          |                | \$0              | \$5,880         | \$0            | \$5,880                       |
|   |            |           |            |           |            |           |            |           |           |                |                       |                |          | 0          | \$0              |                                  | \$0            |                | \$0              | \$0             | \$0            | \$0                           |
| <b>Task 5 - Subtotal</b>                                  | <b>10</b>  | <b>0</b>  | <b>0</b>   | <b>0</b>  | <b>10</b>  | <b>0</b>  | <b>0</b>   | <b>0</b>  | <b>0</b>  | <b>0</b>       | <b>0</b>              | <b>0</b>       | <b>0</b> | <b>20</b>  | <b>\$4,700</b>   | <b>\$8,373</b>                   | <b>\$419</b>   | <b>\$0</b>     | <b>\$4,700</b>   | <b>\$8,792</b>  | <b>\$0</b>     | <b>\$13,492</b>               |
| <b>Task 6 - Permits for "Run-of-the-River" Concept</b>    |            |           |            |           |            |           |            |           |           |                |                       |                |          |            |                  |                                  |                |                |                  |                 |                |                               |
| Permitting Support  | 4          |           |            |           | 8          |           |            |           |           |                |                       |                |          | 12         | \$2,660          | \$20,899                         | \$1,045        |                | \$2,660          | \$21,944        | \$0            | \$24,604                      |
|   |            |           |            |           |            |           |            |           |           |                |                       |                |          | 0          | \$0              |                                  | \$0            |                | \$0              | \$0             | \$0            | \$0                           |
| <b>Task 6 - Subtotal</b>                                  | <b>4</b>   | <b>0</b>  | <b>0</b>   | <b>0</b>  | <b>8</b>   | <b>0</b>  | <b>0</b>   | <b>0</b>  | <b>0</b>  | <b>0</b>       | <b>0</b>              | <b>0</b>       | <b>0</b> | <b>12</b>  | <b>\$2,660</b>   | <b>\$20,899</b>                  | <b>\$1,045</b> | <b>\$0</b>     | <b>\$2,660</b>   | <b>\$21,944</b> | <b>\$0</b>     | <b>\$24,604</b>               |
| <b>ALTERNATIVE 1 SCOPE OF WORK TOTAL</b>                  | <b>14</b>  | <b>0</b>  | <b>0</b>   | <b>0</b>  | <b>18</b>  | <b>0</b>  | <b>0</b>   | <b>0</b>  | <b>0</b>  | <b>0</b>       | <b>0</b>              | <b>0</b>       | <b>0</b> | <b>32</b>  | <b>\$7,360</b>   | <b>\$29,272</b>                  | <b>\$2,626</b> | <b>\$0</b>     | <b>\$7,360</b>   | <b>\$30,736</b> | <b>\$0</b>     | <b>\$38,096</b>               |
| <b>Task 7 - Recharge Facilities Alternatives Analysis</b> |            |           |            |           |            |           |            |           |           |                |                       |                |          |            |                  |                                  |                |                |                  |                 |                |                               |
| 7.1 Alternatives Development                              | 8          |           |            | 28        |            |           | 60         |           |           | 24             |                       |                |          | 120        | \$21,540         | \$1,000                          | \$50           |                | \$21,540         | \$1,050         | \$0            | \$22,590                      |
| 7.2 Alternatives Analysis                                 | 8          |           |            | 16        |            |           | 20         |           |           |                |                       |                |          | 44         | \$8,840          |                                  | \$0            |                | \$8,840          | \$0             | \$0            | \$8,840                       |
| 7.3 TM Preparation  | 2          |           |            | 8         |            |           | 40         |           |           |                |                       |                |          | 50         | \$8,670          |                                  | \$0            |                | \$8,670          | \$0             | \$0            | \$8,670                       |
|   |            |           |            |           |            |           |            |           |           |                |                       |                |          | 0          | \$0              |                                  | \$0            |                | \$0              | \$0             | \$0            | \$0                           |
| <b>Task 7 - Subtotal</b>                                  | <b>18</b>  | <b>0</b>  | <b>0</b>   | <b>52</b> | <b>0</b>   | <b>0</b>  | <b>120</b> | <b>0</b>  | <b>0</b>  | <b>24</b>      | <b>0</b>              | <b>0</b>       | <b>0</b> | <b>214</b> | <b>\$39,050</b>  | <b>\$1,000</b>                   | <b>\$50</b>    | <b>\$0</b>     | <b>\$39,050</b>  | <b>\$1,050</b>  | <b>\$0</b>     | <b>\$40,100</b>               |
| <b>SCOPE OF WORK TOTAL</b>                                | <b>117</b> | <b>8</b>  | <b>196</b> | <b>52</b> | <b>175</b> | <b>0</b>  | <b>188</b> | <b>0</b>  | <b>0</b>  | <b>132</b>     | <b>10</b>             | <b>0</b>       | <b>0</b> | <b>878</b> | <b>\$177,180</b> | <b>\$53,525</b>                  | <b>\$2,676</b> | <b>\$3,400</b> | <b>\$177,180</b> | <b>\$56,201</b> | <b>\$3,570</b> | <b>\$236,951</b>              |

**ANTELOPE VALLEY STATE WATER CONTRACTORS**  
**Statement of Net Position**  
**For the Two Months Ending 8/31/2020**

|  | <u>YTD</u>                     |
|--|--------------------------------|
| <b>ASSETS</b>                                  |                                |
| Cash - General Fund                            | \$183,990.99                   |
| Restricted - AVRWMG                            | 70,768.55                      |
| Accounts Receivable                            | (32,900.00)                    |
| Prepaid Insurance (Premium Period 10/1 - 9/30) | 545.72                         |
| <b>Total Assets</b>                            | <u><u>\$222,405.26</u></u>     |
| <br>   |                                |
| <b>LIABILITIES AND FUND BALANCE</b>            |                                |
| <b>LIABILITIES</b>                             |                                |
| Accounts Payable                               | \$21,422.17                    |
| <b>Total Liabilities</b>                       | <u>21,422.17</u>               |
| <b>FUND BALANCE</b>                            |                                |
| Unassigned                                     | 200,983.09                     |
| <b>Total Fund Balance</b>                      | <u>200,983.09</u>              |
| <br><b>Total Liabilities and Fund Balance</b>  | <br><u><u>\$222,405.26</u></u> |

**ANTELOPE VALLEY STATE WATER CONTRACTORS**  
**Statement of Revenues, Expenditures and Change in Net Position**  
**For the Two Months Ending 8/31/2020**

|   | August   | YTD                 |
|---|----------|---------------------|
| <b>Revenues:</b>  |          |                     |
| Contributions - Member Agency                                 |          |                     |
| Contributions - Member Programs (USGS & CASGEM)               |          |                     |
| Contributions - Member Programs (Financial Analysis PSA)      |          |                     |
| Contributions - Member Programs (Big Rock Creek)              |          |                     |
| Contributions - Member Programs (AV Fair-Conservation Garden) |          |                     |
| Contributions - Non-Member Programs (USGS)                    |          |                     |
| Contributions - Others (AVRWMG)                               |          |                     |
| <br>  |          |                     |
| Water Sales - Pilot In-Lieu Banking                           |          | 453,225.65          |
| Miscellaneous Refund  |          |                     |
| Interest Earnings   |          | 23.24               |
| <b>Total Revenue</b>  |          | <b>\$453,248.89</b> |
| <br>  |          |                     |
| <b>Expenditures:</b>  |          |                     |
| <b>General Government</b>                                     |          |                     |
| Bank Fees   |          |                     |
| Insurance   |          |                     |
| Memberships   |          |                     |
| Outreach  |          | 119.17              |
| Purchased Water   |          | 453,225.65          |
| Miscellaneous   |          |                     |
|   |          | 453,344.82          |
| <br>  |          |                     |
| <b>Public Resource</b>  |          |                     |
| Contract Services - Administration                            | 1,247.46 | 2,677.16            |
| Contract Services - USGS & CASGEM                             |          | 5,458.34            |
| Contract Services - AVRWMG                                    |          |                     |
| Contract Services - IRWMP 2013 Update                         |          |                     |
| Contract Services - BIG ROCK CREEK                            |          |                     |
| Contract Services - FINANCIAL ANALYSIS                        |          |                     |
| Contract Services - General Projects                          |          |                     |
| Contract Services - AV Fair Conservation Garden               |          |                     |
| Contract Services - Home Show/WaterSmart Expo                 |          |                     |
| Contract Services - Other                                     |          |                     |
|   |          | 8,135.50            |
| <br>  |          |                     |
| <b>Total Expenditures</b>                                     |          | <b>\$461,480.32</b> |
| <br>  |          |                     |
| <b>Change in Net Position</b>                                 |          | <b>(\$8,231.43)</b> |
| <br>  |          |                     |
| <b>Net Position - Beginning of Year</b>                       |          | <b>209,214.52</b>   |
| <br>  |          |                     |
| <b>Net Position - End of Year</b>                             |          | <b>\$200,983.09</b> |

**ANTELOPE VALLEY STATE WATER CONTRACTORS**  
**FY 2019/20 - Budget vs Actual**  
**For the Twelve Months Ending 6/30/2020**

|   | <u>June</u><br><u>Actual</u> | <u>YTD</u><br><u>Actual</u> | <u>Budget</u>            | <u>Variance</u>        |
|---|------------------------------|-----------------------------|--------------------------|------------------------|
| <b>General Revenues:</b>                                    |                              |                             |                          |                        |
| Contributions - Member Agency                               |                              | \$48,000                    | (\$48,000)               |                        |
| Contributions - Member Agency (Other programs)              |                              |                             |                          |                        |
| Contributions - Member Agency (AV Fair Conservation Garden) |                              | \$25,000                    | (\$25,000)               |                        |
| Miscellaneous Refund  |                              |                             |                          |                        |
| Interest Earnings   | 15                           | 305                         | (75)                     | 230                    |
| <b>Total General Revenue</b>                                | <u><u>\$15</u></u>           | <u><u>\$73,305</u></u>      | <u><u>(\$73,075)</u></u> | <u><u>(\$230)</u></u>  |
| <b>General Expenditures:</b>                                |                              |                             |                          |                        |
| <b>General Government</b>                                   |                              |                             |                          |                        |
| Bank Fees   |                              |                             |                          |                        |
| Insurance   | 182                          | 2,183                       | 2,350                    | 167                    |
| Memberships   |                              | 3,680                       | 3,500                    | (180)                  |
| Outreach  | 75                           | 444                         | 5,000                    | 4,556                  |
| Purchased Water   |                              |                             |                          |                        |
| Miscellaneous   |                              |                             | 500                      | 500                    |
| Contract Services - Administration                          | 849                          | 11,209                      | 15,000                   | 3,791                  |
| Contract Services - AV Fair Conservation Garden             |                              | 25,000                      | 25,000                   |                        |
| Contract Services - Home Show/Water Expo                    |                              | 10,000                      | 13,000                   | 3,000                  |
| Contract Services - Other                                   | 1,500                        | 37,500                      | 40,500                   | 3,000                  |
| <b>Total General Expenditures</b>                           | <u><u>\$2,606</u></u>        | <u><u>\$90,016</u></u>      | <u><u>\$104,850</u></u>  | <u><u>\$14,834</u></u> |

**ANTELOPE VALLEY STATE WATER CONTRACTORS**  
**FY 2019/20 - Budget vs Actual**  
**For the Twelve Months Ending 6/30/2020**

|   | <u>June</u><br><u>Actual</u> | <u>YTD</u><br><u>Actual</u> | <u>Budget</u>     | <u>Variance</u> |
|---|------------------------------|-----------------------------|-------------------|-----------------|
| <b>Program Revenues:</b>                        |                              |                             |                   |                 |
| Contributions - Member Programs (USGS & CASGEM) |                              | \$32,450                    | (\$32,450)        |                 |
| Contributions - Member (BIG ROCK CREEK)         |                              |                             |                   |                 |
| Contributions - Member (FINANCIAL ANALYSIS)     |                              |                             |                   |                 |
| Contributions - Others (USGS & CASGEM)          |                              | \$32,450                    | (\$32,450)        |                 |
| Contributions - Others (AVRWMP)                 |                              |                             |                   |                 |
| Water Sales - Pilot In-Lieu Banking             |                              |                             |                   |                 |
| <b>Total Program Revenue</b>                    |                              | <b>\$64,900</b>             | <b>(\$64,900)</b> |                 |
| <b>Program Expenditures:</b>                    |                              |                             |                   |                 |
| Contract Services - USGS & CASGEM               | \$10,917                     | \$65,300                    | \$64,900          | (\$400)         |
| Contract Services - AVIRWMP                     |                              |                             |                   |                 |
| Contract Services - IRWMP Update                | 5,498                        | 155,665                     | 208,270           | 52,605          |
| Contract Services - BIG ROCK CREEK              |                              | 18,622                      | 183,491           | 164,869         |
| Contract Services - FINANCIAL ANALYSIS          |                              |                             |                   |                 |
| <b>Total Program Expenditures</b>               | <b>\$16,414</b>              | <b>\$220,965</b>            | <b>\$273,170</b>  | <b>\$52,205</b> |