

**ANTELOPE VALLEY-EAST KERN WATER AGENCY
 ANTELOPE VALLEY-EAST KERN WATER AGENCY FINANCING AUTHORITY
REGULAR BOARD MEETING AGENDA
TUESDAY, JUNE 28, 2022, AT 5:30 PM**

Teleconference: (669) 900-6833; ID No. 8 9 4 3 5 7 2 7 6 5 7; PASSCODE: 0

Video Conference:

<https://us02web.zoom.us/j/89435727657?pwd=ak1XbmprdfBUQnRZOWszWU91VHdyUT09>

*****Please mute microphone at all times unless speaking*****

1. CALL TO ORDER

- 2. ROLL CALL:** Division 7 – **Gary Van Dam** ____; Division 6 – **Audrey T. Miller** ____; Division 5 – **Robert Parris** ____; Division 4 – **George M. Lane** ____; Division 1 – **Shelley Sorsabal** ____; Division 3 – **Frank Donato** ____; Division 2 – **Keith Dyas** ____

OFFICERS: General Manager – **Dwayne Chisam**; Attorney – **Jim Markman/Tilden Kim**;
 Board Secretary/Treasurer – **Holly Hughes**

- 3. VOLUNTARY PUBLIC ROLL-CALL** – If any member of the public wishes to introduce themselves, please feel free to do so now.
- 4. PUBLIC COMMENTS AND PERIOD OPEN TO THE PUBLIC** – If anyone wishes to address the board on any item not on the agenda, please feel free to do so now.

5. ADOPTION OF AGENDA

5(a-1)	Adoption of Agenda for Board Meeting of June 28, 2022	Board Order 5(a-1)
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6. NEW BUSINESS: ITEMS FOR COMMUNICATION

Page

6(a-1)	Presentation on upcoming projects and new developments within the City of Palmdale (Mr. Luis Garibay, City of Palmdale)	n/a
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- 7. CONSENT CALENDAR** – The public and board shall have an opportunity to comment on any action item(s) on the Consent Calendar as the Consent Calendar is considered collectively by the Board of Directors prior to action being taken.

Page

7(a-1)	Approve Minutes of the Special Board Meeting of May 17, 2022	Board Order 7(a-1)	5
7(a-2)	Approve Minutes of the Regular Board Meeting of May 24, 2022	Board Order 7(a-2)	7

7. CONSENT CALENDAR – (Continued)**Page**

7(a-3)	Accept and file the Check Register Lists from June 3, 2022, through June 16, 2022 (Finance Committee Review – 06/27/22)	Board Order 7(a-3)	13
7(a-4)	Accept and file the Treasurer’s Report for the month ending May 31, 2022 (Finance Committee Review – 06/27/22)	Board Order 7(a-4)	23
7(a-5)	Consideration and possible action on Resolution No. R-22-19, Setting Tax Rates for the Counties of Los Angeles, Kern, and Ventura, Effective 08/01/22 (Special Board Meeting/Workshop – 6/21/22)	Board Order 7(a-5)	39

8. ITEM(S) FOR CONSIDERATION AND POSSIBLE ACTION**a. Finance Committee (FD/KD/SS) 06/27/22****Page**

8(a-1)	Consideration and possible action to approve a purchase order with Core & Main Supply for the purchase of one 14-inch hydraulically dampened check valve for the Central Feed Pump Station in the not-to-exceed amount of \$45,000.00 (Non-Budgeted; Operations Manager Bozigian)	Board Order 8(a-1)	45
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b. High Desert Water Bank Committee (FD/KD/SS) 06/23/22**Page**

8(b-1)	Monthly update on High Desert Water Bank project (Engineering Manager Livesay)		n/a
8(b-2)	Consideration and possible action on Task Order No. 3 for Stantec to provide Engineering Services During Construction for Project No. HDWB 22-01 (HDBW Capital Budget funded by Metropolitan Water District; Engineering Manager Livesay)	Board Order 8(b-2)	53
8(b-3)	Consideration and possible action on Task Order No. 3 for Kennedy Jenks to provide Construction Management Services for Project No. HDWB 22-01 (HDBW Capital Budget funded by Metropolitan Water District; Engineering Manager Livesay)	Board Order 8(b-3)	69

c. Watermaster Committee (RP/FD/GL) 06/20/22**Page**

8(c-1)	Consideration and possible action on Resolution R-22-16, providing for the disposition of banked/stored water in consideration of receipt of replacement water assessment proceeds (Assistant General Manager Knudson)	Board Order 8(c-1)	83
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d. Planning Committee (SS/RP/KD) 06/16/22			Page
8(d-1)	Consideration and possible action on Resolution R-22-17, approving the Antelope Valley State Water Contractors Association Budget for Fiscal Year 2022/2023 (Assistant General Manager Knudson)	Board Order 8(d-1)	89
8(d-2)	Consideration and possible action on Resolution No. R-22-18, adopting the Local Hazard Mitigation Plan for the Agency (Engineering Manager Livesay)	Board Order 8(d-2)	97

9. GENERAL MANAGER’S REPORT ON WATER SUPPLY, PROJECTS, AND PROGRAM

10. DIRECTOR REPORTS

11. ATTORNEY REPORT

12. REQUEST FOR FUTURE AGENDA ITEMS

13. OLD BUSINESS

14. CLOSED SESSION

- a. *Possible* Closed session pursuant to Government Code Section 54956.8 Conference with Real Property Negotiators

Property: APN’s: 3275-021-003, 3275-021-004, 3275-021-008, 3275-021-011, 3275-021-015, 3275-021-027, 3275-021-028, 3275-021-030, 3275-021-035, 3275-021-038, 3275-021-039, and 3275-021-040.

Agency Negotiator: General Manager Dwayne Chisam

Negotiating parties: AVEK and Ariel and Edna Braza, Marco and Estela Segui; Abraham L and Francisca T. Castillo; Mohammadnejat Davoodian, Kobra Sofavi, Bill Chuan, Kelly Yip, Arley Wolf; Hector Lopez, Maura Lopez, Armando Funes, Ruth Funes; Man Leung Ng, Quang Thanh Su, Ellen Tam Su, Wing Kit Law, Steve B Phui, Nhi M. Vong-Phui; Jumayde N Paayas and Editha T Paayas; Raquel Sisayan LLC; Raquel Sisayan LLC, Steven G Johnson and Stephanie A Johnson; Elizabeth Y Tan, Maria Isabella T Santos, Juan Emanuel T Santos; Danny C Vidamo and Aida S Vidamo.

Under negotiation: Price and terms of payment for possible purchase

- b. *Possible* Closed Session – Conference with Legal Counsel – Existing Litigation, to which the local agency is a party pursuant to Government Code Section 54956.9(d)(1), one case, *CV Communities, LLC v. Antelope Valley-East Kern Water Agency*, Los Angeles County Superior Court Case No. 20STCV10953.
- c. *Possible* Closed Session – Board Officer Evaluations of the General Manager and Board Secretary-Treasurer Positions, pursuant to Government Code Section §54957

15. CLOSED SESSION ANNOUNCEMENTS

16. ADJOURN TO A REGULAR BOARD MEETING SCHEDULED FOR TUESDAY, JULY 12, 2022, AT 5:30 P.M.

Note: The Board reserves the right to discuss and/or act on all the above agenda items.

NOTICES

Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by telephoning (661) 943-3201 or writing to Antelope Valley-East Kern Water Agency at 6450 West Avenue N, Palmdale, CA 93551. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that Agency staff may discuss appropriate arrangements. Persons requesting a disability-related accommodation should make the request with adequate time before the meeting for the Agency to provide the requested accommodation.

A complete agenda packet containing all accompanying reports for this agenda is available by contacting the Board Secretary-Treasurer at hhughes@avek.org or (661) 943-3201. Board meetings are subject to audio recording.

Posted: June 24, 2022, at 4:30 p.m. by Holly Hughes, Board Secretary-Treasurer

RECOMMENDED BOARD ORDER 7(a-1)

To the Board of Directors

FOR BOARD ACTION

**APPROVE MINUTES OF THE SPECIAL BOARD MEETING
OF MAY 17, 2022**

The Board of Directors adopted the following board order on
June 28, 2022:

That the Minutes of the Special Board Meeting of May 17, 2022, be
approved as presented.

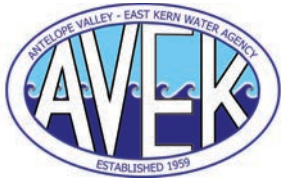
Motion by _____

Second by _____

Carried _____

BOARD ORDER 7(a-1)

06-28-22



MINUTES

Antelope Valley-East Kern Water Agency Antelope Valley-East Kern Financing Authority

The mission of AVEK is to deliver reliable, sustainable, and high-quality supplemental water to the region in a cost-effective and efficient manner

Special Board Meeting of May 17, 2022

1. Field Trip: Tour of HDWB Farmhouse		The special meeting of the Board of Directors of the Antelope Valley-East Kern Water Agency and the Antelope Valley-East Kern Water Agency Financing Authority met at 28810 West Avenue B, Lancaster, California 93536. The meeting and tour commenced at 9:10 a.m.
Date: Tuesday, May 17, 2022		
Time: 9 a.m.		
Location: 28810 West Avenue B, Lancaster, CA 93536		
Telephone: n/a		
Zoom Link: n/a		
Board Members present in-person unless noted		Present: 4 Not Present: 3
Division 7, Gary Van Dam	Division 6, Audrey Miller	
Division 5, Robert Parris, NOT PRESENT	Division 4, George Lane	
Division 1, Shelley Sorsabal, NOT PRESENT	Division 3, Frank Donato, NOT PRESENT	
Division 2, Keith Dyas (President)		
Board Officers present in person unless noted		Present: 2 Not Present: 0
General Manager: Dwayne Chisam		
Board Secretary-Treasurer: Holly Hughes		
NOTES:		
Staff Present: In-person: Matt Knudson , Assistant General Manager and Justin Livesay , Engineering Manager		
Others Present in-person: Paul Chau (Kennedy Jenks); Jon Long (Stantec); Harold Glaser (Kennedy Jenks); Eric Miller.		
A tour of the farmhouse and surrounding land was provided via walking and driving tour.		
2. Adjournment		
The tour concluded at 10:05 a.m.		
Approval:		

Holly Hughes, Board Secretary-Treasurer

Board of Directors:

President or Vice-President's Signature

Date

RECOMMENDED BOARD ORDER 7(a-2)

To the Board of Directors

FOR BOARD ACTION

**APPROVE MINUTES OF THE REGULAR BOARD MEETING
OF MAY 24, 2022**

The Board of Directors adopted the following board order on
June 28, 2022:

That the Minutes of the Regular Board Meeting of May 24, 2022, be
approved as presented.

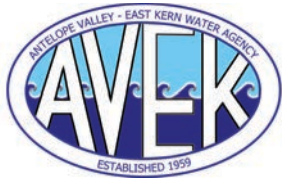
Motion by _____

Second by _____

Carried _____

BOARD ORDER 7(a-2)

06-28-22



MINUTES

Antelope Valley-East Kern Water Agency Antelope Valley-East Kern Financing Authority

The mission of AVEK is to deliver reliable, sustainable, and high-quality supplemental water to the region in a cost-effective and efficient manner

Regular Board Meeting of May 24, 2022

1. Call to Order:		The regular meeting of the Board of Directors of the Antelope Valley-East Kern Water Agency and the Antelope Valley-East Kern Water Agency Financing Authority met via teleconference and video conference (not in-person in response to the COVID-19 directive). The meeting was called to order by President Dyas at 5:30 p.m.	
Date: Tuesday, May 24, 2022			
Time: 5:30 p.m.			
Location: Zoom			
Telephone: (669) 900-6833; ID No: 894 3572 7657; Passcode: 0			
Zoom Link: https://us02web.zoom.us/j/89435727657?pwd=ak1XbmprdFBUQnRZOWszWU91VHdyUT09			
2. Roll Call: Board Members present via teleconference unless noted		Present: 7 Not Present: 0	
Division 7, Gary Van Dam	Division 6, Audrey Miller		
Division 5, Robert Parris	Division 4, George Lane <i>present in-person</i>		
Division 1, Shelley Sorsabal	Division 3, Frank Donato (Vice President)		
Division 2, Keith Dyas (President)			
Board Officers present in-person unless noted		Present: 3 Not Present: 0	
General Manager: Dwayne Chisam			
General Counsel/Attorney: James Markman , Richards Watson Gershon Law (RWG) – present via teleconference			
Board Secretary-Treasurer: Holly Hughes			
NOTES: ALL VOTES CAST WERE TAKEN VIA ROLL CALL due to teleconference			
Staff Present: In-person: Jon Bozigian , Operations Manager; Justin Livesay , Engineering Manager; and Pam Clark , Executive Assistant			
Others Present in-person: None.			
Not Present: Matt Knudson , Assistant General Manager			
Others Present via Teleconference: In addition to the names and numbers of AVEK Directors, several other names and telephone numbers appeared on the participant list for the Zoom conference call, including the following: Greg Wood; tleo's iPhone; Belal Tabannaj; iPhone Guest; Jack's iPad(2); J Long; John Joyce; (661) 433-1487; and others. As many as 17 participants were noted on the Zoom Conference and this number fluctuated throughout the meeting.			
3. Voluntary Public Roll Call			
Vincent Dino , Palmdale Water District; Jack Seefus , White Fence Farm #3; John Joyce , Rosamond News publication; Joe Long , Stantec.			
4. Public Comments and Period Open to the Public			
There were none.			
5. Adoption of Agenda:			1 Item
BOARD ORDER 5(a-1): Adoption of Agenda for Board Meeting of May 24, 2022			
5(a-1):	MOTION: Parris	SECOND: Sorsabal	ROLL CALL: AYE = 7; NAY= 0; ABSTAIN = 0; ABSENT = 0
			PASSED
6 New Business: Item(s) for Consideration and Possible Action			0 Items
There was no new business.			
7. Consent Calendar			6 Items
7(a-1) Approve Minutes of the Regular Board Meeting and Public Hearing of April 26, 2022			
7(a-2) Accept and file the Check Register Lists from April 29, 2022, through May 12, 2022 (Finance Committee Review – 05/23/22)			

7(a-3) Accept and file the Treasurer’s Report for the month ending April 30, 2022 (Finance Committee Review – 05/23/22)

7(a-4) Accept and File the Revenue and Expense Report for the 3rd Quarter of FY 2021/2022 (Finance Committee Review- 05/23/22)

7(a-5) Approve letter of support for Palmdale Water District’s application for financial assistance to construct two groundwater wells through the Bureau of Reclamation WaterSMART Drought Response Program

7(a-6) Accept and File the Agency Monthly Activities Report for the Month Ending April 30, 2022

BOARD ORDERS 7(a-1) through 7(a-6): Approval of all six (6) Items on the Consent Calendar as presented.

7(a1) to 7(a6):	<u>MOTION:</u> Donato	<u>SECOND:</u> Sorsabal	ROLL CALL: AYE = 7; NAY= 0; ABSTAIN = 0; ABSENT = 0	PASSED
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8. Items for Consideration and Possible Action **6 Items**

8 a. Finance Committee FD/SS/KD (05/23/22)

8(a-1) Consideration and possible action on Water Treatment Chemical Bids (Liquid Alum, Sodium Hypochlorite, and Zinc Orthophosphate) associated with the proposed Fiscal Year 2022/2023 Chemical Budget in the amount of \$1,400,000 (Operations Manager Bozigian). Total annual bid for chemicals is below the projected budget at \$1,365,510

The committee and staff recommended accepting and awarding the contracts to the lowest bidders as noted:

Chemical	Supplier	Price Quote/ > Annual
Liquid Alum	ECO Services	\$550.00/dry ton > \$474,375
Sodium Hypochlorite 12.5%	JCI Jones	\$1.68/gallon > \$277,200
Zinc Orthophosphate	Brenntag Co.	\$1.013/lb. > \$319,930

*Notes: Existing 5-Year contracts include:

*Liquid Oxygen / Airgas @ \$259,455 (annual cost)

*Carbon Dioxide / Airgas @ \$34,550 (annual cost)

BOARD ORDER 8(a-1): To award the purchase orders to the suppliers of chemicals for the Water Treatment plants for Fiscal Year 2022-2023 to Eco Services for liquid alum; JCI Jones for sodium hypochlorite; and Brenntag Co for Zinc Orthophosphate for the respective amounts quoted on their chemical bids submitted, as presented and recommended.

8(a-1)	<u>MOTION:</u> Lane	<u>SECOND:</u> Donato	ROLL CALL: AYE = 7; NAY= 0; ABSTAIN = 0; ABSENT = 0	PASSED
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8(a-2) Consideration and possible action to approve a purchase order with McCall’s Meter Service for the repair of (13) Rockwell/Sensus water meters in the not-to-exceed amount of \$29,363.74 (Budgeted; Operations Manager Bozigian)

BOARD ORDER 8(a-2): To approve a purchase order with McCall’s Meter Service for the repair of 13 Rockwell/Sensus Water Meters in the not-to-exceed amount of \$29,363.74 as presented and recommended.

8(a-2)	<u>MOTION:</u> Donato	<u>SECOND:</u> Sorsabal	ROLL CALL: AYE = 7; NAY= 0; ABSTAIN = 0; ABSENT = 0	PASSED
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8(a-3) Review and recommendation to approve a purchase order with BlueInGreen for the repair and upgrade of the CO2 system at the Quartz Hill Water Treatment Plant in the not-to-exceed amount of \$30,000.00 (Budgeted; Operations Manager Bozigian)

BOARD ORDER 8(a-3): To approve a purchase order with BlueInGreen for the repair and upgrade of the CO2 system at the Quartz Hill Water Treatment Plant in the not-to-exceed amount of \$30,000.00 as presented and recommended.

8(a-3)	<u>MOTION:</u> Donato	<u>SECOND:</u> Sorsabal	ROLL CALL: AYE = 7; NAY= 0; ABSTAIN = 0; ABSENT = 0	PASSED
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8(a-4) Consideration and possible action to approve a purchase order with R&B Automation to replace (2) 18-inch filter influent valves at the Eastside Water Treatment Plant in the not-to-exceed amount of \$36,983.15 (Budgeted; Operations Manager Bozigian)

BOARD ORDER 8(a-4): To approve a purchase order with R&B Automation to replace two (2) 18-inch filter influent valves at the Eastside Water Treatment Plant in the not-to-exceed amount of \$36,983.15 as presented and recommended.

8(a-4)	<u>MOTION</u> : Donato	<u>SECOND</u> : Miller	ROLL CALL: AYE = 7; NAY= 0; ABSTAIN = 0; ABSENT = 0	PASSED
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8 b. High Desert Water Bank Committee FD/SS/KD (4/28/22) & Board Tour (5/17/22)

8(b-1) Consideration and possible action on the existing farmhouse located within the project boundary of the HDWB (Engineering Manager Livesay)

BOARD ORDER 8(b-1): To accept the Engineer’s recommendation and incorporation into the current Stage 1 and Stage 2 Recharge System Improvement Plans for demolition of the existing single-family residence (farmhouse) located on the High Desert Water Bank project site in favor of a new purpose-built control building structure, as presented and recommended.

8(b-1)	<u>MOTION</u> : Lane	<u>SECOND</u> : Van Dam	ROLL CALL: AYE = 7; NAY= 0; ABSTAIN = 0; ABSENT = 0	PASSED
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8 c. Watermaster Committee RP/FD/GL

8(c-1) Review and provide guidance for AVEK’s Watermaster Representative for AV Watermaster Meeting Agenda of 5/25/22 (Assistant General Manager Knudson). Transition time for change in the Watermaster Administration is unknown at this time; no action is required as far as direction; Items discussed were for information only.

9. General Manager’s Report on Water Supply, Projects, and Program

9(a) Discussion and staff direction on upcoming California Department of Fish and Game (CDFG) meeting regarding designation of Western Joshua Tree as a candidate species for listing as threatened under the California Endangered Species Act. A presentation was provided. A final determination is expected to be made by the Commission at their meeting on June 15 and June 16, 2022. General Manager Chisam’s recommendation was to listen to the Commission at the meeting and report back to the board with that decision. Director **Donato** requested that a Zoom link be provided in order to attend the upcoming meeting.

General Manager **Chisam** provided an update on the status of the Agency. The Northern California State Weather Forecast for the next 10 days was provided.

State Water Project current storage at San Luis is 934k AF, which is 46% of capacity and 63% of historical average; Lake Oroville storage is 1.9M AF, which is 55% of capacity and 69% of historical average.

Water Treatment Plant Water Flow - totals for both conventional and geopurification were reported at 31.7 MGD with conventional treatment at 14 MGD and geopurification deliveries at 17.7 MGD. Westside banking recharge was OFF and the Eastside banking facility was 3.6 AF/Day; Upper Amargosa Recharge was also OFF. Total current recharge rate was 3.6 AF/Day.

Operations and Maintenance Updates: Groundwater recovery was reported at 65% of capacity; AVEK increased EWB average recharge rate to almost 25 AF per week to match recovery rate; QHWD/LACWW Intertie at 47th St W and Avenue K has begun flowing water from SNIP System at 1600 GPM on 5/22/22.

Water Quality Updates: THMs were collected the previous week; testing for microcystins was scheduled for the following week; monitoring raw aqueduct water quality due to weather conditions and low flows.

Alignment of Water Rates with Budget Discussions – staff recommends that the Board consider a policy direction to staff to establish water rates based on a fiscal year 2023-2024 (July 1, 2023). This would allow the Board to consider the budget and corresponding rate implications at the same time. Staff believes this process would provide the Board with greater flexibility and clear direction to staff. Staff also recommends that we use a similar process with a series of Board Workshops to establish the budget, capital program and water rate revenues in the transitional year. Director **Lane** stated that might not work well for others.

Upcoming events: AV Watermaster Board Meeting on 5/25/22 at 10 a.m.; Memorial Day Holiday on 5/30/22; AVEK Special Board Meeting/HDWB Workshop on 6/7/22; AVSWCA Board meeting scheduled for 6/9/22. The general manager’s schedule was also stated.

10. Director Reports

There were no reports made by any of the AVEK Directors.

11. Attorney Report

Attorney **Markman** did not provide report.

12. Request for Future Agenda Items

Director **Miller** requested a report from City of Palmdale regarding the Joshua Tree item. General Manager **Chisam** stated that he had received a similar request from Director **Donato**. Director **Lane** stated that he had heard that Amazon was no longer coming to the Antelope Valley and Director **Van Dam** stated that he had heard the same thing.

13. Closed Session

- a. **(NO) Possible** Closed session pursuant to Government Code Section 54956.8
Conference with Real Property Negotiators

Property: APN's: 3275-021-003, 3275-021-004, 3275-021-008, 3275-021-011, 3275-021-015, 3275-021-027, 3275-021-028, 3275-021-030, 3275-021-035, 3275-021-038, 3275-021-039, and 3275-021-040.

Agency Negotiator: General Manager Dwayne Chisam

Negotiating parties: AVEK and Ariel and Edna Braza, Marco and Estela Segui; Abraham L and Francisca T. Castillo; Mohammadnejat Davoodian, Kobra Sofavi, Bill Chuan, Kelly Yip, Arley Wolf; Hector Lopez, Maura Lopez, Armando Funes, Ruth Funes; Man Leung Ng, Quang Thanh Su, Ellen Tam Su, Wing Kit Law, Steve B Phui, Nhi M. Vong-Phui; Jumayde N Paayas and Editha T Paayas; Raquel Sisayan LLC; Raquel Sisayan LLC, Steven G Johnson and Stephanie A Johnson; Elizabeth Y Tan, Maria Isabella T Santos, Juan Emanuel T Santos; Danny C Vidamo and Aida S Vidamo.

Under negotiation: Price and terms of payment for possible purchase

- b. **(NO) Possible** Closed Session – Conference with Legal Counsel – Existing Litigation, to which the local agency is a party pursuant to Government Code Section 54956.9(d)(1), one case, CV

Communities, LLC v. Antelope Valley-East Kern Water Agency, Los Angeles County Superior Court Case No. 20STCV10953.

General Manager **Chisam** stated that there was no reason to go into Closed Session.

14. Closed Session Announcement(s)

Not applicable.

15. Adjourn to Board Meeting Scheduled for Tuesday, June 14, 2022, at 5:30 p.m.

BOARD ORDER 15: The meeting was adjourned at 6:36 p.m.

15.1	<u>MOTION</u> : Parris	<u>SECOND</u> : Miller	ROLL CALL: AYE = 7; NAY= 0; ABSTAIN = 0; ABSENT = 0	PASSED
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Approval:

Holly Hughes, Board Secretary-Treasurer

Board of Directors:

President or Vice-President's Signature

Date

RECOMMENDED BOARD ORDER 7(a-3)

To the Board of Directors

FOR BOARD ACTION

CHECK REGISTER LISTS

The Board of Directors adopted the following board order on June 14, 2022:

That the check register lists for the period of June 3, 2022, through June 16, 2022, be approved and accepted for filing as presented.

Motion by _____

Second by _____

Carried _____

BOARD ORDER 7(a-3)

06-28-22

AVEK Water Agency
Check List
For the Period From June 03, 2022 to June 16, 2022

6/24/22
JLL

Check #	Payee	Explanation	Approved By:	Amount
<u>DWR CONTRACT & WATER DELIVERIES</u>				
1	82336	Department of Water Resources	O.M.P.&R./Off-Aqueduct/Conservation Charges	Monthly - GM Approved \$ 1,527,208.00
<u>MONTHLY</u>				
2	82300	Southern CA Edison	Electricity/Pumping - ES3/ES4	Monthly - GM Approved \$ 40,329.47
3	82301	Southern CA Edison	Electricity/Pumping - ES2/EBB Ops. Building	Monthly - GM Approved \$ 81,111.87
4	82303	Frontier Communications	Landline SCADA Alarm - QHWTP	Monthly - GM Approved \$ 395.11
5	82304	The Gas Company	Natural Gas	Monthly - GM Approved \$ 1,628.30
6	82305	Southern CA Edison	Electricity/Pumping - Admin2/C9/QHWTP	Monthly - GM Approved \$ 8,764.65
7	82307	Southern CA Edison	Electricity/Pumping - C8	Monthly - GM Approved \$ 9,217.62
8	82309	Home Depot Credit Services	Supplies - All Sites	Monthly - GM Approved \$ 1,386.52
9	82310	Wells Fargo Bank - Barnes	Agency Card Expenses	Monthly - GM Approved \$ 10.00
10	82311	Wells Fargo Bank - Chisam	Agency Card Expenses	Monthly - Board President Approved \$ 977.80
11	82312	Wells Fargo Bank - Holmes	Agency Card Expenses	Monthly - GM Approved \$ 229.91
12	82313	Wells Fargo Bank - Knudson	Agency Card Expenses	Monthly - GM Approved \$ 1,300.13
13	82314	Wells Fargo Bank - Livesay	Agency Card Expenses	Monthly - GM Approved \$ 149.90
14	82315	Wells Fargo Bank - Morris	Agency Card Expenses	Monthly - GM Approved \$ 42.11
15	82316	Wells Fargo Bank - Rose	Agency Card Expenses	Monthly - GM Approved \$ 1,467.00
16	82317	Wells Fargo Bank - Hughes	Agency Card Expenses	Monthly - Board President Approved \$ 2,219.77
17	82318	Cintas	Uniforms - All Sites	Monthly - GM Approved \$ 816.17
18	82325	Airgas USA, LLC	Gases - Lab	Monthly - GM Approved \$ 299.43
19	82329	Boron CSD	Wheeling Agreement - Reimbursed by Edwards AFB	Monthly - GM Approved \$ 3,100.00
20	82330	California Tool & Welding Supply	Welding Gases - EWTP	Monthly - GM Approved \$ 84.50
21	82334	Coffee Break Service, Inc.	Kitchen Supplies	Monthly - GM Approved \$ 236.43
22	82335	Core BTS, Inc.	General Software - May 2022	Monthly - GM Approved \$ 565.16
23	82335	Core BTS, Inc.	IT Services - May 2022	Monthly - GM Approved \$ 4,500.00
24	82338	Euofins Eaton Analytical, LLC	Outside Services - Lab	Monthly - GM Approved \$ 1,165.00

AVEK Water Agency
Check List
For the Period From June 03, 2022 to June 16, 2022

	Check #	Payee	Explanation	Approved By:	Amount
MONTHLY cont.					
25	82339	Federal Express Corporation	Shipping Charges	Monthly - GM Approved	\$ 152.76
26	82343	Health Equity	H.S.A. Fees for June 2022	Monthly - GM Approved	\$ 76.70
27	82359	Sparkletts	Supplies - Lab	Monthly - GM Approved	\$ 387.06
28	82362	Streamline	Monthly Web Hosting Fee - June 2022	Monthly - GM Approved	\$ 550.00
BOARD APPROVED					
29	82299	The Arbitrage Group, Inc.	Annual Rebate Calculation Report for COPs	BoD Approved Agreement	\$ 750.00
30	82306	Enterprise FM Trust	Enterprise Leased Agency Vehicles	BoD Approved Agreement - Monthly	\$ 11,871.47
31	82308	Palmdale Water District	Payment for PWD Treatment Cost for Acton Service Area	Finance Committee 06/13/2022	\$ 49,426.90
32	82320	JCI Jones Chemicals, Inc	Chemicals - Sodium Hypochlorite	BoD Approved Chemical Budget	\$ 11,448.97
33	82324	CB&T/ACWA-JPIA - Medical Insurance	Employee/Director Medical Insurance	Monthly - BoD Approved Agreement	\$ 94,248.59
34	82326	Jeffrey S. Adler dba Automation Services, LLC	RWTP SNIP Intertie	BoD Approved Agreement	\$ 4,163.77
35	82328	Avadine	Latis Software Product License - June 2022	Monthly - BoD Approved Agreement	\$ 1,100.00
36	82331	Calgon Carbon Corporation	Fixed Asset ER22-04 Replace GAC Filter Media - Final Payment	P.O. #21-0246 - Board Meeting 09/28/2021	\$ 40,793.13
37	82337	Eco Services Operations Corp.	Chemicals - Alum	BoD Approved Chemical Budget	\$ 11,934.14
38	82349	MC Engineering, Inc.	Fixed Asset CP20-04 Westside Underground	BoD Approved Agreement	\$ 56,157.74
39	82353	Nicholas Construction, Inc	Fixed Asset CP21-04 Westside Underground	BoD Approved Agreement	\$ 376,104.38
40	82354	National Oilwell Varco, L.P.	Fixed Asset ER22-02 QH Floc Replacement	P.O. #21-0235 - Board Meeting 08/24/21	\$ 117,208.99
41	82363	Thatcher Company of Nevada	Chemicals - Zinc	BoD Approved Chemical Budget	\$ 83,960.40

AVEK Water Agency
Check List
For the Period From June 03, 2022 to June 16, 2022

	Check #	Payee	Explanation	Approved By:	Amount
GM APPROVED					
<u>Administration</u>					
	42	82323 ACWA-JPIA	Annual Policy Renewal	Annually - GM Approved	\$ 900.00
	43	82360 Staples Business Credit	Office Supplies	GM Approved	\$ 1,533.93
	44	82367 Vanguard Cleaning Systems	Janitorial Supplies - Administration	GM Approved	\$ 252.73
<u>Engineering</u>					
	45	82347 Justin Livesay	T2 License Renewal - Per BoD Approved Policy	GM Approved	\$ 60.00
	46	82351 Miller Spatial Services LLC	Specialty Software	GM Approved	\$ 1,000.00
<u>Lab</u>					
	47	82322 Absolute Standards Inc.	Chemicals - Lab	P.O. #22-0098 - GM Approved	\$ 195.00
	48	82344 Idexx Distribution Corporation	Supplies - Lab	P.O. #22-0086 - GM Approved	\$ 8,014.87
	49	82350 Meadows Lab Fundamentals, LLC	Outside Services - Lab	GM Approved	\$ 1,015.00
	50	82352 The NELAC Institute	Memberships - Lab	P.O. #22-0082 - GM Approved	\$ 75.00
	51	82356 Phenova, Inc.	Chemicals - Lab	P.O. #22-0099 - GM Approved	\$ 511.39
	52	82368 VWR International	Glassware/Supplies - Lab	P.O. #22-0032 - GM Approved	\$ 87.16
<u>Operations & Maintenance</u>					
	53	82302 Desert Industrial Fence Co., Inc.	Security Fencing -Bench Ranch/C8/EW23/Healy Farms	P.O. #22-0065/22-0066/22-0067/22- 0068 - GM Approved	\$ 19,089.00
	54	82319 Hach Company	Equipment Maintenance - EWTP/QHWTP	P.O. #22-0069/22-0090 - GM Approved	\$ 5,854.76
	55	82321 McMaster-Carr Supply Company	Equipment Maintenance - QHWTP	GM Approved	\$ 191.95
	56	82321 McMaster-Carr Supply Company	Equipment Maintenance - QHWTP	P.O. #22-0109 - GM Approved	\$ 299.90
	57	82321 McMaster-Carr Supply Company	Equipment Maintenance - QHWTP	P.O. #22-0111 - GM Approved	\$ 1,228.94
	58	82321 McMaster-Carr Supply Company	Equipment Maintenance - QHWTP	P.O. #22-0114 - GM Approved	\$ 39.11
	59	82321 McMaster-Carr Supply Company	Equipment Maintenance - EWTP	P.O. #22-0119 - GM Approved	\$ 374.10
	60	82321 McMaster-Carr Supply Company	Equipment Maintenance - All Sites	P.O. #22-0117 - GM Approved	\$ 244.77

AVEK Water Agency
Check List
For the Period From June 03, 2022 to June 16, 2022

Check #	Payee	Explanation	Approved By:	Amount
GM APPROVED cont.				
Operations & Maintenance cont.				
61	82326 Jeffrey S. Adler dba Automation Services, LLC	SCADA Maintenance - EWTP/QHWTP/RWTP/WWB	GM Approved	\$ 348.61
62	82327 AutoZone	Legacy Vehicle Maintenance - QHWTP/Maintenance Dept.	GM Approved	\$ 145.89
63	82332 Consolidated Electrical Dist.	Fixed Asset EN21-08 MPS Transfer Switch	GM Approved	\$ 7.24
64	82332 Consolidated Electrical Dist.	SCADA Maintenance - EWTP/QHWTP/RWTP/WWB	GM Approved	\$ 565.16
65	82333 Clean Harbors Environmental Services	Disposal of Hazardous Waste - RWTP	P.O. #22-0056 - GM Approved	\$ 3,250.45
66	82340 Farm Pump and Irrigation Co.	Fixed Asset BIR22-18 Rehab EW-23	P.O. #21-0299 - GM Approved	\$ 7,643.56
67	82341 Grainger	Equipment Maintenance - QHWTP	P.O. #22-0113 - GM Approved	\$ 454.44
68	82341 Grainger	Small Pumps - EWTP	P.O. #22-0115 - GM Approved	\$ 1,098.35
69	82342 Grease Monkey 1066	Legacy Vehicle Maintenance - Vehicle #06/Maintenance Dept.	GM Approved	\$ 62.17
70	82345 Karls Hardware, Inc.	Equipment Maintenance - RWTP	GM Approved	\$ 216.99
71	82346 Leslie's Poolmart, Inc.	Chemicals - Hypochlorite	GM Approved	\$ 166.79
72	82348 Doug Masaya	Education Reimbursement - D3 Exam/T3 License - Per BoD Approved Policy	GM Approved	\$ 160.00
73	82355 Patton Sales Corp.	Equipment Maintenance - South Feeder	GM Approved	\$ 18.51
74	82357 Proactive Work Health	Employee Physical - Dept. of Transportation/DMV	GM Approved	\$ 138.00
75	82358 Scott P. Baker	Mileage Reimbursement - Maintenance Dept.	GM Approved	\$ 93.60
76	82364 The Tire Store	Legacy Vehicle Tires - Vehicle #29 - Maintenance Dept.	GM Approved	\$ 35.00
77	82365 Tire Xpress	Enterprise Vehicle Tires - Vehicle #07 - QHWTP	GM Approved	\$ 432.00

AVEK Water Agency
 Check List
 For the Period From June 03, 2022 to June 16, 2022

	Check #	Payee	Explanation	Approved By:	Amount
	<u>Operations & Maintenance cont.</u>				
78	82366	Ulises Flores	Education Reimbursement - D3 Exam/T3 License - Per BoD Approved Policy	GM Approved	\$ 439.99
	Total				\$ 2,603,784.21

AVEK Water Agency
 Check List
 For the Period From June 03, 2022 to June 16, 2022
 High Desert Water Bank Capital Program Account - MET

Check #	Payee	Explanation	Approved By:	Amount
1164	Murphy & Evertz	HDWB Professional Services - May 2022	Finance Committee 06/13/2022	\$ 8,845.50
1165	Re-Qwest Legal Technologies, Inc.	Trial Exhibit Notebooks - AVEK v. Tochterman	GM Approved	\$ 192.44
1166	WestWater Research, LLC	HDWB Consulting Services - May 2022	GM Approved	\$ 1,006.25
Total				\$ 10,044.19

AVEK Water Agency
 Check List
 For the Period From June 03, 2022 to June 16, 2022
 High Desert Water Bank Enterprise Fund Account

Check #	Payee	Explanation	Approved By:	Amount
1218	Delta Liquid Energy	Yearly Tank Lease - HDWB	GM Approved	\$ 80.00
Total				\$ 80.00

Wells Fargo Agency Credit Card Summary
Statements Dated May 23, 2022

	T. Barnes	J. Bozigian	D. Chisam	D. Holmes	H. Hughes	M. Knudson	J. Livesay	A. Morris	P. Rose
Administration Supplies/Expenses	\$ -	\$ -	\$ 977.80	\$ -	\$ 2,219.77	\$ 1,300.13	\$ -	\$ -	\$ 1,467.00
HDWB	-	-	-	-	-	-	-	-	-
IT/Engineering Supplies/Expenses	-	-	-	-	-	-	149.90	-	-
Meeting Expenses	-	-	-	-	-	-	-	-	-
Operations Supplies/Expenses	10.00	-	-	229.91	-	-	-	42.11	-
Public Information	-	-	-	-	-	-	-	-	-
Travel/Conferences	-	-	-	-	-	-	-	-	-
	\$ 10.00	\$ -	\$ 977.80	\$ 229.91	\$ 2,219.77	\$ 1,300.13	\$ 149.90	\$ 42.11	\$ 1,467.00

RECOMMENDED BOARD ORDER 7(a-4)

To the Board of Directors

FOR BOARD ACTION

TREASURER'S REPORT
FOR PERIOD ENDING
MAY 31, 2022

The Board of Directors adopted the following board order on June 28, 2022:

That the Treasurer's Report for the period ending May 31, 2022, be approved and accepted for filing.

Motion by _____

Second by _____

Carried _____

BOARD ORDER 7(a-4)

06-28-22



STAFF REPORT

TO: Board of Directors

DATE: 6/10/22

FROM: Dwayne Chisam, General Manager

PREPARED BY: Teresa Yates

SUBJECT: Treasurer's Report for the Month ending May 31, 2022

REF: Board / Committee Name:

Meeting Date: 6/28/22

Agenda Item:

Attachment(s): YES NO

Reviewed By: Chief Engineer _____ Date _____

Agency Attorney _____ Date _____

Assistant General Manager M.X. Date 6/13/22

REPORT SUMMARY:-

The ending balance for total Cash and Investments at May 31, 2022 was \$155,476,830 which is an increase of \$191,556 from the prior month. Yield to Maturity at May 31, 2022 for the total portfolio was .680% which is an increase of .205% from the prior month and the average Days to Maturity was 184 days or approximately six months.

The High Desert Water Bank Capital Account (Met) balance was \$4,242,524 at May 31, 2022.

Antelope Valley-East Kern Water Agency					
Treasurer's Monthly Report					
May 31, 2022					
Total Portfolio Summary, Month Ending May 31, 2022					
Total AVEK Managed and PFM Managed Portfolio					
	Par	Market	% of	Days to	
Investments	Value	Value	Portfolio	Maturity	YTM
<i>Wells Fargo & PFM</i>					
Money Market	\$ 6,728,382.58	\$ 6,728,382.58	4.44%	1	0.015%
Government Agencies	36,990,000.00	36,600,528.65	24.16%	352	0.741%
Negotiable CDs	7,450,000.00	7,368,260.86	4.86%	404	0.969%
Commercial Paper	2,000,000.00	1,993,663.40	1.32%	76	0.335%
Corporate Notes	21,247,000.00	21,141,024.12	13.95%	348	0.771%
US Treasury Bonds/Notes	13,900,000.00	13,754,952.78	9.08%	328	0.578%
LAIF	63,923,925.11	63,923,925.11	42.19%	1	0.684%
Total Investments	\$ 152,239,307.69	\$ 151,510,737.50	100.00%	184	0.680%
Cash					
<i>Wells Fargo</i>					
Checking Accounts	\$ 3,722,753.76	\$ 3,722,753.76			
Total	155,962,061.45	155,233,491.26			
Ending Accrued Interest		243,338.66			
Total Cash & Investments	\$ 155,962,061.45	\$ 155,476,829.92			
Total Cash & Investments - 4/30/22	\$ 155,915,557.15	\$ 155,285,274.32			
	May 31, 2022	Fiscal Year			
Total Earnings	(Month Ending)	To Date			
Current Year	99,591.29	906,225.89			
Portfolio Yield to Maturity	0.680%	0.356%			

Antelope Valley - East Kern Water Agency

Month End Balances

May 31, 2022

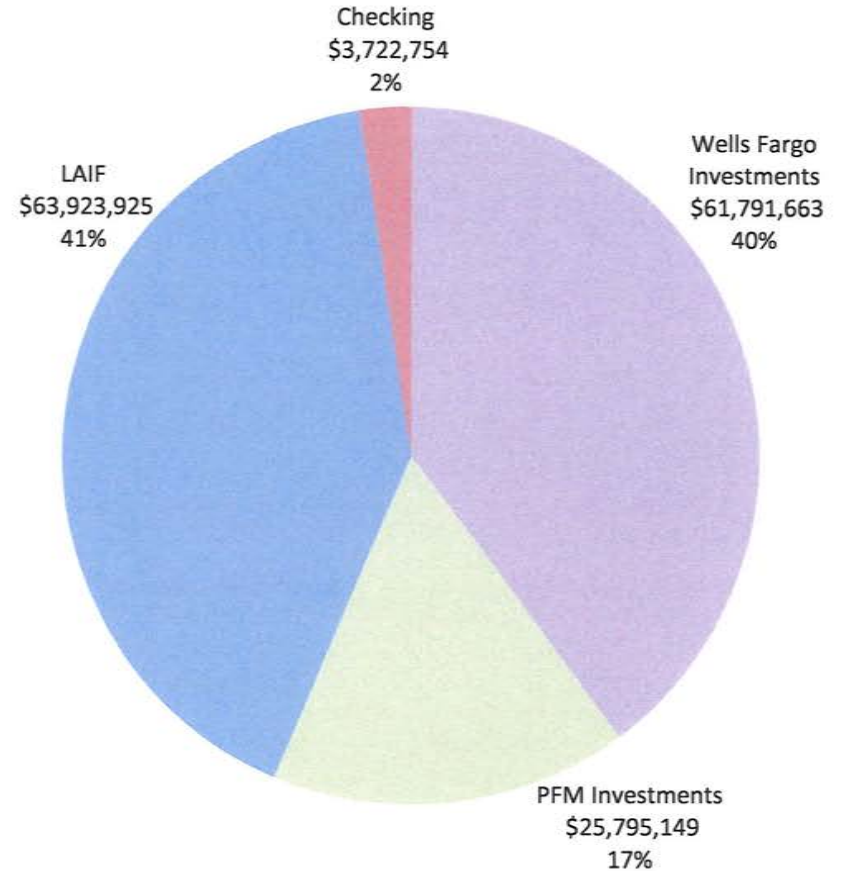
	Balance May 31, 2022	YTM Net of Fees
Wells Fargo Investments	\$ 61,791,663	0.678%
PFM Investments	\$ 25,795,149	0.667%
LAIF	\$ 63,923,925	0.684%
Checking	\$ 3,722,754	0.000%
	<u>\$ 155,233,491</u>	
HDWB Capital Acct (Met)	<u>\$ 4,242,524</u>	0.170%

	Balance April 30, 2022	Balance April 30, 2021
Capital Assets		
Banked Water - Asset	\$ 14,552,601	\$ 19,464,111
Land & Water Rights	\$ 53,374,847	\$ 40,421,263
Construction In Progress	\$ 20,994,904	\$ 11,875,173
Plant & Equipment	\$ 394,358,490	\$ 392,242,738
Accumulated Depreciation	\$ (123,575,530)	\$ (115,525,480)
	<u>\$ 359,705,312</u>	<u>\$ 348,477,805</u>

	Balance May 31, 2022
Outstanding COP and Bond Debt	
COP Series 2008 A-2	\$ 45,000,000
Water Revenue Ref. Bonds, Series 2016	\$ 53,035,000
CREBs-Revenue Bonds Series 2017	\$ 12,155,000
	<u>\$ 110,190,000</u>

	Fiscal YTD May 31, 2022	Prior Fiscal YTD May 31, 2021
Capacity Fees Received	\$ 3,177,967	\$ 2,162,924

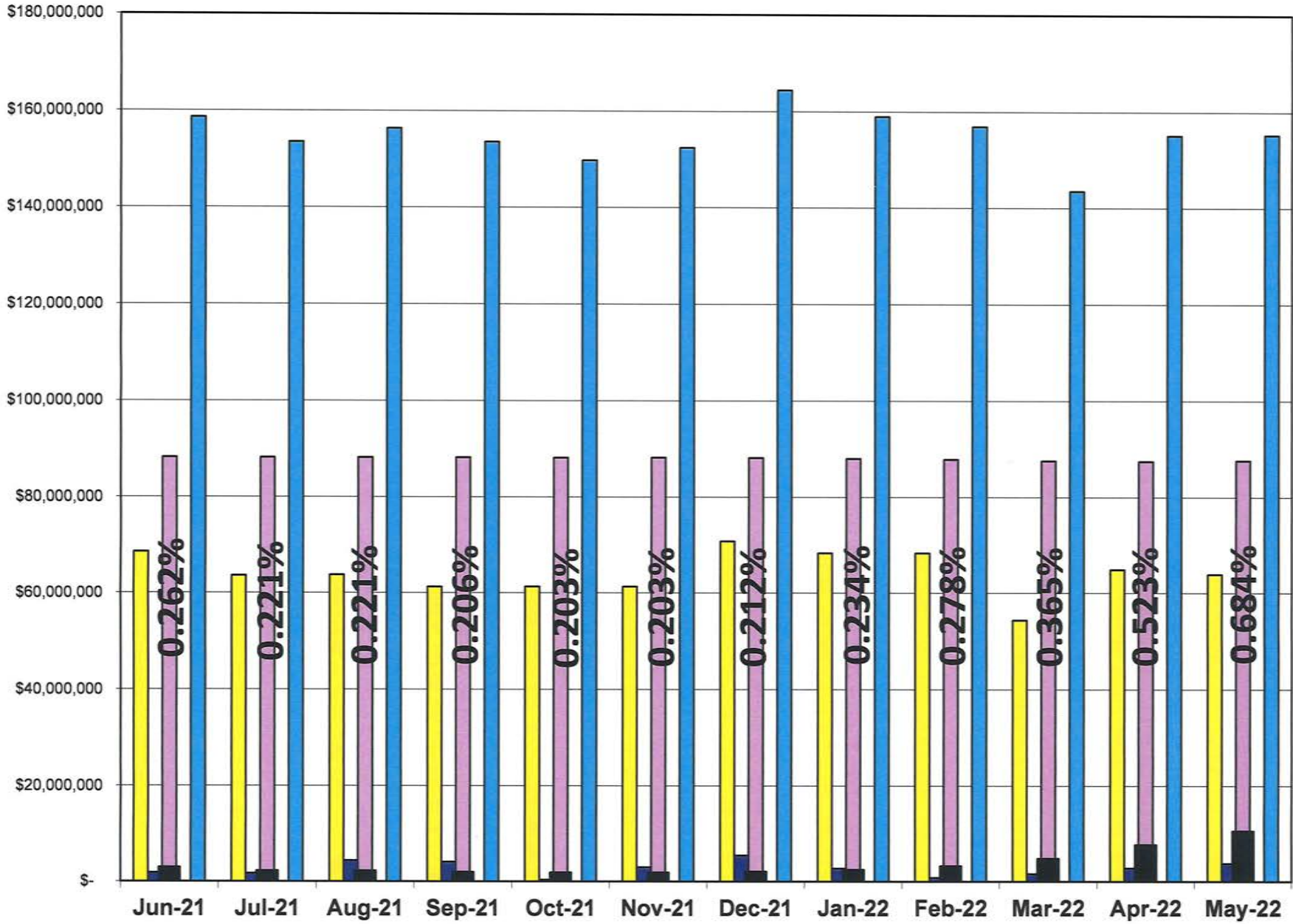
Balances at 5/31/22



AVEK Water Agency

ENTERPRISE FUND CLOSING BALANCES

Dollar Amount



■ LAIF \$63,923,925	■ BANK \$3,722,754	■ SECURITIES \$87,586,812	■ TOTAL \$155,233,491	■ LAIF Int. Rate
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Antelope Valley-East Kern Water Agency					
Treasurer's Monthly Report					
May 31, 2022					
AVEK Portfolio Summary, Month Ending May 31, 2022					
AVEK Managed Portfolio					
Investments	Par Value	Market Value	% of Portfolio	Days to Maturity	YTM
<i>Wells Fargo</i>					
Money Market	\$ 6,312,335.49	\$ 6,312,335.49	5.02%	1	0.010%
Government Agencies	32,390,000.00	31,997,016.15	25.45%	366	0.699%
Negotiable CDs	7,000,000.00	6,921,452.51	5.51%	420	0.989%
Corporate Notes	16,672,000.00	16,560,859.30	13.17%	360	0.760%
LAIF	63,923,925.11	63,923,925.11	50.85%	1	0.684%
Total Investments	\$ 126,298,260.60	\$ 125,715,588.56	100.00%	164	0.681%
Cash					
<i>Wells Fargo</i>					
General Checking	\$ 3,638,484.87	\$ 3,638,484.87			
HDWB Checking	\$ 84,268.89	\$ 84,268.89			
Total Checking Accounts	\$ 3,722,753.76	\$ 3,722,753.76			
Total	\$ 130,021,014.36	\$ 129,438,342.32			
Ending Accrued Interest		\$ 180,478.20			
Total Cash & Investments	\$ 130,021,014.36	\$ 129,618,820.52			
Total Cash & Investments - 4/30/22	\$ 129,995,042.15	\$ 129,492,644.19			
	May 31, 2022	Fiscal Year			
Total Earnings	(Month Ending)	To Date			
Current Year	\$ 77,194.05	\$ 686,828.91			
Portfolio Yield to Maturity	0.681%	0.350%			

Antelope Valley-East Kern Water Agency										
Treasurer's Monthly Report										
May 31, 2022										
AVEK Portfolio Details - Investments, Month Ending May 31, 2022										
AVEK Managed Portfolio										
CUSIP	Purchase Date	Issuer	Maturity Date	Purchase Price	Par Value	Market Value	Stated Rate	Moody's	YTM	Days to Mat/Call
Money Market										
		WF Adv Govt		6,312,335.49	6,312,335.49	6,312,335.49	0.010%		0.010%	1
				6,312,335.49	6,312,335.49	6,312,335.49	0.010%		0.010%	1
Government Agencies										
3130ARHG9	5/27/2022	FHLBB	2/28/2024	657,841.80	660,000.00	656,810.39	2.125%	Aaa	2.316%	637
3133ENXF2	5/27/2022	FFCBB	2/23/2024	2,009,480.00	2,000,000.00	2,007,027.58	2.600%	Aaa	2.321%	632
3130AFW94	5/27/2022	FHLBB	2/13/2024	732,044.00	730,000.00	731,031.53	2.500%	Aaa	2.331%	622
3133ENLF5	1/28/2022	FFCBB	1/18/2024	1,992,060.00	2,000,000.00	1,956,023.70	0.900%	Aaa	1.100%	596
3130AAHE1	5/27/2022	FHLBB	12/8/2023	2,007,460.00	2,000,000.00	2,002,449.18	2.500%	Aaa	2.250%	555
3130APXH3	4/21/2022	FHLBB	11/27/2023	1,461,585.00	1,500,000.00	1,464,301.56	0.800%	Aaa	2.442%	544
3133EM6N7	10/28/2021	FFCBB	9/27/2023	1,991,300.00	2,000,000.00	1,946,869.82	0.170%	Aaa	0.398%	483
3130ANYM6	10/28/2021	FHLBB	8/28/2023	1,990,020.00	2,000,000.00	1,949,710.88	0.125%	Aaa	0.398%	453
3130ANYM6	9/17/2021	FHLBB	8/28/2023	1,997,300.00	2,000,000.00	1,949,710.88	0.125%	Aaa	0.194%	453
3133EMH96	9/17/2021	FFCBB	6/14/2023	1,998,640.00	2,000,000.00	1,958,925.74	0.125%	Aaa	0.164%	378
3130AMRY0	6/10/2021	FHLBB	6/2/2023	2,000,078.00	2,000,000.00	1,959,594.32	0.125%	Aaa	0.123%	366
3133EMVP4	4/21/2021	FFCBB	4/13/2023	1,999,760.00	2,000,000.00	1,966,303.32	0.125%	Aaa	0.131%	316
3130AJ7E3	4/21/2021	FHLBB	2/17/2023	2,045,820.00	2,000,000.00	1,992,778.04	1.375%	Aaa	0.116%	261
3133EMML3	2/2/2021	FFCBB	1/12/2023	2,001,320.00	2,000,000.00	1,979,532.18	0.120%	Aaa	0.086%	225
3133EMKU5	2/2/2021	FFCBB	12/14/2022	2,001,640.00	2,000,000.00	1,983,055.40	0.125%	Aaa	0.081%	196
3133EL6R0	10/22/2020	FFCBB	9/9/2022	1,000,050.00	1,000,000.00	997,355.95	0.150%	Aaa	0.147%	100
3133EL6R0	9/15/2020	FFCBB	9/9/2022	2,000,340.00	2,000,000.00	1,994,711.90	0.150%	Aaa	0.141%	100
313379Q69	6/30/2020	FHLBB	6/10/2022	2,591,350.00	2,500,000.00	2,500,823.78	2.125%	Aaa	0.240%	9
				32,478,088.80	32,390,000.00	31,997,016.15	0.834%		0.699%	366
Negotiable Certificates of Deposit										
48128WSY2	4/29/2022	JP Morgan Chase Bank	4/29/2024	250,000.00	250,000.00	248,206.53	2.400%	*	2.400%	698
52603NAG6	4/29/2022	Lendingclub Bank Utah	4/29/2024	250,000.00	250,000.00	247,270.40	2.200%	*	2.200%	698
02007GQA4	4/28/2022	Ally Bank	4/29/2024	250,000.00	250,000.00	249,366.94	2.650%	*	2.650%	698
38149M5U3	4/27/2022	Goldman Sachs Bank USA	4/29/2024	250,000.00	250,000.00	248,202.38	2.400%	*	2.400%	698
254673B62	4/27/2022	Discover Bank	4/29/2024	250,000.00	250,000.00	248,666.35	2.500%	*	2.500%	698
14042RQV6	4/27/2022	Capital One NA	4/29/2024	250,000.00	250,000.00	248,898.34	2.550%	*	2.550%	698

AVEK Portfolio Details - Investments, Month Ending May 31, 2022										
AVEK Managed Portfolio										
CUSIP	Purchase Date	Issuer	Maturity Date	Purchase Price	Par Value	Market Value	Stated Rate	Moody's	YTM	Days to Mat/Call
Negotiable Certificates of Deposit (cont)										
06740KPS0	4/27/2022	Barclays Bank Delaware	4/29/2024	250,000.00	250,000.00	248,202.38	2.400%	*	2.400%	698
14042TFR3	4/27/2022	Capital One Bank USA NA	4/29/2024	250,000.00	250,000.00	248,898.34	2.550%	*	2.550%	698
02589ACB6	4/27/2022	American Express NB	4/29/2024	250,000.00	250,000.00	248,898.34	2.550%	*	2.550%	698
87165HN89	4/22/2022	Synchrony Bank	4/22/2024	250,000.00	250,000.00	248,282.98	2.400%	*	2.400%	691
47804GHB2	10/29/2021	John Marshall Bank	11/29/2023	250,000.00	250,000.00	241,607.36	0.200%	*	0.200%	546
45338JAG1	11/19/2021	Incrediblebank	11/17/2023	250,000.00	250,000.00	242,399.41	0.350%	*	0.350%	534
41939HBK7	11/12/2021	Haven Savings Bank	11/13/2023	250,000.00	250,000.00	241,963.32	0.200%	*	0.200%	530
947547NK7	10/29/2021	Webbank	10/30/2023	250,000.00	250,000.00	242,776.53	0.350%	*	0.350%	516
26518EAL3	10/29/2021	Dundee Bank	10/30/2023	250,000.00	250,000.00	242,254.74	0.200%	*	0.200%	516
19646PAH7	6/16/2021	Colorado Federal Svgs Bk	6/16/2023	250,000.00	250,000.00	244,727.72	0.100%	*	0.100%	380
33847EAM6	6/16/2021	Flagstar Bank FSB	6/16/2023	250,000.00	250,000.00	244,846.00	0.150%	*	0.150%	380
58404DKR1	6/15/2021	Medallion Bank Utah	6/15/2023	250,000.00	250,000.00	244,713.27	0.100%	*	0.100%	379
740367MY0	2/26/2021	Preferred Bank LA CA	2/27/2023	250,000.00	250,000.00	246,990.36	0.050%	*	0.050%	271
649447UC1	11/9/2020	New York Community Bank	11/9/2022	250,000.00	250,000.00	248,775.09	0.200%	*	0.200%	161
31034RFX8	10/30/2020	Farmers State Bank	10/31/2022	250,000.00	250,000.00	248,766.06	0.100%	*	0.100%	152
320337DW5	10/30/2020	First General Bank	10/28/2022	250,000.00	250,000.00	248,813.19	0.100%	*	0.100%	149
20070PLX3	10/22/2020	Commerce State Bank	10/24/2022	250,000.00	250,000.00	248,857.33	0.100%	*	0.100%	145
89388CDW5	7/17/2020	Tab Bank Inc	7/18/2022	250,000.00	250,000.00	249,700.35	0.200%	*	0.200%	47
81423LDA7	7/10/2020	Security Federal Bank	7/11/2022	250,000.00	250,000.00	249,744.02	0.200%	*	0.200%	40
32056VAH0	7/2/2020	First Independent Bank	7/1/2022	250,000.00	250,000.00	249,806.43	0.200%	*	0.200%	30
90348JM56	6/16/2021	UBS Bank USA	6/16/2022	250,000.00	250,000.00	249,880.84	0.100%	*	0.100%	15
35633MAV4	6/10/2020	Freedom Bank of Virginia	6/10/2022	250,000.00	250,000.00	249,937.51	0.200%	*	0.200%	9
				7,000,000.00	7,000,000.00	6,921,452.51	0.989%		0.989%	420
Corporate Notes										
808513BM6	5/31/2022	Charles Schwab Corp	3/18/2024	1,000,920.00	1,000,000.00	997,406.03	0.954%	A2	1.231%	656
63743HEU2	10/29/2021	National Rural Util COOP	2/8/2024	1,982,460.00	2,000,000.00	1,913,995.94	0.350%	A2	0.739%	617
6174468W2	1/31/2022	Morgan Stanley	1/25/2024	993,528.00	1,000,000.00	983,695.96	0.529%	A1	1.190%	603
05724BAB5	1/31/2022	Baker Hughes LLC	12/15/2023	998,668.00	1,000,000.00	976,456.20	1.231%	A3	1.300%	562
55261FAK0	5/31/2022	M&T Bank Corporation	7/26/2023	2,003,960.00	2,000,000.00	2,003,043.10	1.894%	A3	2.038%	420
46625HJJ0	4/22/2021	JPMorgan Chase & Co	5/1/2023	2,118,820.00	2,000,000.00	2,013,702.12	3.375%	A3	0.425%	334
911312BJ4	6/11/2021	United Parcel Service	4/1/2023	2,208,183.57	2,190,000.00	2,192,514.28	1.417%	A2	0.128%	304
911312BJ4	2/3/2021	United Parcel Service	4/1/2023	641,184.90	635,000.00	635,729.02	1.417%	A2	0.211%	304
14913Q3C1	9/16/2020	Caterpillar Finl Services	11/18/2022	2,075,460.00	2,000,000.00	1,996,873.18	1.950%	A3	0.568%	170

AVEK Portfolio Details - Investments, Month Ending May 31, 2022

AVEK Managed Portfolio										
CUSIP	Purchase Date	Issuer	Maturity Date	Purchase Price	Par Value	Market Value	Stated Rate	Moody's	YTM	Days to Mat/Call
Corporate Notes (cont)										
02665WCB5	10/23/2020	American Honda Finance	11/16/2022	1,006,770.00	1,000,000.00	1,000,804.10	1.881%	A3	0.366%	168
166756AG1	10/23/2020	Chevron USA	8/12/2022	1,002,630.00	1,000,000.00	999,633.09	1.510%	AA2	0.186%	72
14913QAB5	7/1/2020	Caterpillar Finl Services	6/6/2022	853,386.38	847,000.00	847,006.28	1.173%	A3	0.518%	5
				16,885,970.85	16,672,000.00	16,560,859.30	1.574%		0.760%	360
LAIF - Local Agency Investment Pool										
		LAIF		63,923,925.11	63,923,925.11	63,923,925.11	0.684%		0.684%	1
				63,923,925.11	63,923,925.11	63,923,925.11	0.684%		0.684%	1
Total				126,600,320.25	126,298,260.60	125,715,588.56				
*	Principal and accrued interest on negotiable CDs is insured up to the FDIC limit of \$250,000.									
	Book Value is equal to Market Value for all investments.									
	FHLBB - Federal Home Loan Banks Bond									
	FFCBB - Federal Farm Credit Banks Bond									
	All investments were made in accordance with the Antelope Valley - East Kern Water Agency Investment Policy and Guidelines.									

Antelope Valley-East Kern Water Agency

Treasurer's Monthly Report

May 31, 2022

AVEK Transactions, Month Ending May 31, 2022

AVEK Managed Portfolio

CUSIP	Purchase Date	Issuer	Mat/Call Date	Par Value	Stated Rate	Total Int Earned	Days	Earnings %
Government Agencies								
<u>Purchases</u>								
3130ARHG9	5/27/2022	FHLBB	2/28/2024	660,000	2.125%			
3133ENXF2	5/27/2022	FFCBB	2/23/2024	2,000,000	2.600%			
3130AFW94	5/27/2022	FHLBB	2/13/2024	730,000	2.500%			
3130AAHE1	5/27/2022	FHLBB	12/8/2023	2,000,000	2.500%			
				5,390,000	2.491%			
<u>Maturities/Calls</u>								
3133ELZN7	5/20/2020	FFCBB	5/18/2022	2,000,000	0.160%	6,382	728	0.158%
				2,000,000	0.160%	6,382	728	0.158%
Negotiable Certificates of Deposit								
<u>Purchases</u>								
No purchases during May 2022								
<u>Maturities/Calls</u>								
70214UAH1	2/3/2021	Partners Bank New England	5/3/2022	250,000	0.500%	155	454	0.049%
74316VFA8	5/29/2020	Profinium Financial Inc	5/27/2022	250,000	0.200%	959	728	0.190%
				500,000	0.350%	1,114	591	0.120%
Corporate Notes								
<u>Purchases</u>								
808513BM6	5/31/2022	Charles Schwab Corp	3/18/2024	1,000,000	0.921%			
55261FAK0	5/31/2022	M&T Corporation	7/26/2023	2,000,000	1.893%			
				3,000,000	1.569%			
<u>Maturities/Calls</u>								
20826FAH9	4/22/2021	Conocophillips Company	5/15/2022	1,408,000	1.406%	17,169	388	1.131%
89236TGZ2	9/16/2020	Toyota Motor Credit Corp	5/26/2022	2,000,000	1.150%	38,972	617	1.137%
				3,408,000	1.256%	56,142	522	1.135%
<u>Transfers</u>								
From Account	Date	To Account	Amount					
No transfers during May 2022								

Antelope Valley-East Kern Water Agency					
Treasurer's Monthly Report					
May 31, 2022					
PFM Portfolio Summary, Month Ending May 31, 2022					
PFM Managed Portfolio					
	Par Value	Market Value	% of Portfolio	Days to Maturity	YTM
<u>Investments</u>					
<i>PFM</i>					
Money Market	\$ 416,047.09	\$ 416,047.09	1.61%	1	0.090%
Negotiable CDs	450,000.00	446,808.35	1.73%	149	0.651%
Commercial Paper	2,000,000.00	1,993,663.40	7.73%	76	0.335%
Corporate Notes	4,575,000.00	4,580,164.82	17.76%	303	0.811%
Federal Agency Bonds/Notes	4,600,000.00	4,603,512.50	17.85%	254	1.039%
US Treasury Bonds/Notes	13,900,000.00	13,754,952.78	53.32%	328	0.578%
Total Investments	\$ 25,941,047.09	\$ 25,795,148.94	100.00%	276	0.676%
				Net of Associated Fees	0.667%
Ending Accrued Interest		62,860.46			
Total Cash & Investments	\$ 25,941,047.09	\$ 25,858,009.40			
Total Cash & Investments - 4/30/22	\$ 25,920,515.00	\$ 25,792,630.13			
	May 31, 2022	Fiscal Year			
<u>Total Earnings</u>	(Month Ending)	To Date			
Current Year	22,397.24	219,396.98			
Portfolio Yield to Maturity	0.676%	0.386%			
<u>Fees</u>					
PFM Asset Mgt - 4/1/22 to 4/30/22	2,122.89	23,607.01			
BNY Mellon - 4/1/22 to 4/30/22	250.00	2,750.00			
Total Fees	2,372.89	26,357.01			
	0.009%	0.102%			

Antelope Valley-East Kern Water Agency										
Treasurer's Monthly Report										
May 31, 2022										
PFM Portfolio Details - Investments, Month Ending May 31, 2022										
PFM Managed Portfolio										
CUSIP	Purchase Date	Issuer	Maturity Date	Purchase Price	Par Value	Market Value	Stated Rate	Moody's	YTM	Days to Mat/Call
Money Market										
		Federated Govt Oblig FD		416,047.09	416,047.09	416,047.09	0.090%	Aaa	0.090%	1
				416,047.09	416,047.09	416,047.09	0.090%		0.090%	1
Negotiable Certificates of Deposit										
22552G3C2	3/23/2021	Credit Suisse NY	3/17/2023	200,000.00	200,000.00	196,911.60	0.590%	P-1	0.590%	289
86565CKU2	7/14/2020	Sumitomo Mitsui Bank NY	7/8/2022	250,000.00	250,000.00	249,896.75	0.700%	P-1	0.700%	37
				450,000.00	450,000.00	446,808.35	0.651%		0.651%	149
Commercial Paper										
63873KJ99	12/16/2021	Natixis NY	9/9/2022	747,691.56	750,000.00	746,609.25	0.000%	P-1	0.420%	100
2254EBH12	11/5/2021	Credit Suisse NY	8/1/2022	548,767.08	550,000.00	548,650.85	0.000%	P-1	0.300%	61
62479MH14	11/10/2021	MUFG Bank LTD/NY	8/1/2022	698,614.00	700,000.00	698,403.30	0.000%	P-1	0.270%	61
				1,995,072.64	2,000,000.00	1,993,663.40	0.000%		0.335%	76
Corporate Notes										
14913Q2V0	5/23/2022	Caterpillar Financial	5/17/2024	199,788.00	200,000.00	199,959.20	2.850%	A2	2.910%	716
38141GZP2	5/23/2022	Goldman Sachs Group Inc	3/15/2024	198,826.00	200,000.00	199,785.60	3.000%	A2	3.340%	653
06406HCS6	2/10/2022	Bank of NY Mellon	2/4/2024	28,042.20	27,000.00	27,372.03	3.650%	A1	1.660%	613
06406HCS6	2/10/2022	Bank of NY Mellon	2/4/2024	361,404.96	348,000.00	352,795.10	3.650%	A1	1.670%	613
172967HD6	11/8/2021	Citigroup Inc	10/25/2023	186,299.75	175,000.00	178,497.73	3.875%	A3	0.560%	511
89236TDK8	11/12/2021	Toyota Motor Credit Corp	10/18/2023	206,564.00	200,000.00	199,044.40	2.250%	A1	0.540%	504
02665WDM0	11/8/2021	American Honda Finance	9/8/2023	200,302.00	200,000.00	195,243.80	0.650%	A3	0.570%	464
06053FAA7	8/9/2021	Bank of America	7/24/2023	375,284.00	350,000.00	357,015.05	4.100%	A2	0.390%	418
166764BV1	2/10/2022	Chevron Corp	5/11/2023	199,898.00	200,000.00	197,616.60	1.141%	Aa2	1.180%	344
037833DV9	11/8/2021	Apple Inc	5/11/2023	376,987.50	375,000.00	369,383.63	0.750%	Aaa	0.400%	344
05531FBJ1	11/12/2021	BB&T Corporation	3/16/2023	204,464.00	200,000.00	199,986.00	2.200%	A3	0.530%	288
61744YAN8	2/10/2022	Morgan Stanley	1/23/2023	203,794.00	200,000.00	201,242.00	3.125%	A1	1.120%	236
594918AQ7	3/22/2021	Microsoft Corp	11/15/2022	463,873.50	450,000.00	449,734.95	2.125%	Aaa	0.250%	167
46625HJE1	9/28/2020	JPMorgan Chase & Co	9/23/2022	395,670.00	375,000.00	376,832.25	3.250%	A2	0.460%	114
808513AG0	9/15/2020	Charles Schwab Corp	9/1/2022	184,817.50	175,000.00	175,657.30	3.225%	A2	0.350%	92
30231GBB7	9/15/2020	Exxon Mobil Corporation	8/16/2022	180,402.25	175,000.00	174,788.95	1.902%	Aa2	0.290%	76
17275RAV4	6/25/2020	Cisco Systems Inc	6/15/2022	394,492.50	375,000.00	375,244.88	3.000%	A1	0.350%	14

PFM Portfolio Details - Investments, Month Ending May 31, 2022										
PFM Managed Portfolio										
CUSIP	Purchase Date	Issuer	Maturity Date	Purchase Price	Par Value	Market Value	Stated Rate	Moody's	YTM	Days to Mat/Call
Corporate Notes (cont)										
09247XAJ0	9/15/2020	Blackrock Inc	6/1/2022	367,846.50	350,000.00	349,965.35	3.375%	Aa3	0.380%	0
				4,728,756.66	4,575,000.00	4,580,164.82	2.663%		0.811%	303
Federal Agency Bonds/Notes										
3133ENWP1	5/19/2022	FFCB Notes	5/16/2024	1,497,570.00	1,500,000.00	1,501,887.00	2.625%	Aaa	2.710%	715
313380GJ0	9/14/2020	FHLB Notes	9/9/2022	932,769.00	900,000.00	901,728.90	2.000%	Aaa	0.160%	100
3130AJPU7	6/12/2020	FHLB Notes	6/3/2022	2,199,692.00	2,200,000.00	2,199,896.60	0.250%	Aaa	0.260%	2
				4,630,031.00	4,600,000.00	4,603,512.50	1.367%		1.039%	254
US Treasury Bonds/Notes										
9128286G0	3/23/2022	US Treasury Notes	2/29/2024	1,906,085.94	1,900,000.00	1,897,921.78	2.375%	Aaa	2.200%	638
91282CDV0	2/9/2022	US Treasury N/B	1/31/2024	1,783,617.19	1,800,000.00	1,754,437.50	0.875%	Aaa	1.340%	609
91282CBU4	4/30/2021	US Treasury Notes	3/31/2023	1,499,003.91	1,500,000.00	1,477,031.25	0.125%	Aaa	0.160%	303
912828ZD5	3/19/2021	US Treasury Notes	3/15/2023	1,207,921.88	1,200,000.00	1,186,500.00	0.500%	Aaa	0.170%	287
91282CBG5	2/19/2021	US Treasury N/B	1/31/2023	2,500,878.91	2,500,000.00	2,472,265.50	0.125%	Aaa	0.110%	244
91282CBD2	1/19/2021	US Treasury N/B	12/31/2022	2,499,511.72	2,500,000.00	2,477,343.75	0.125%	Aaa	0.140%	213
91282CAN1	10/30/2020	US Treasury N/B	9/30/2022	2,498,632.81	2,500,000.00	2,489,453.00	0.125%	Aaa	0.150%	121
				13,895,652.36	13,900,000.00	13,754,952.78	0.562%		0.578%	328
Total				26,115,559.75	25,941,047.09	25,795,148.94				
All investments were made in accordance with the Antelope Valley - East Kern Water Agency Investment Policy and Guidelines.										

Antelope Valley-East Kern Water Agency								
Treasurer's Monthly Report								
May 31, 2022								
PFM Transactions, Month Ending May 31, 2022								
PFM Managed Portfolio								
CUSIP	Purchase Date	Issuer	Mat/Call Date	Par Value	Stated Rate	Total Int Earned	Days	Earnings %
Negotiable Certificates of Deposit								
<u>Purchases</u>								
no purchases during May 2022								
<u>Maturities/Calls</u>								
no maturities during May 2022								
Commercial Paper								
<u>Purchases</u>								
no purchases during May 2022								
<u>Maturities/Calls</u>								
no maturities during May 2022								
Corporate Notes								
<u>Purchases</u>								
38141GZP2	5/23/2022	Goldman Sachs Group Inc	3/15/2024	200,000	3.000%			
14913Q2V0	5/23/2022	Caterpillar Financial	5/17/2024	200,000	2.850%			
				400,000	2.925%			
<u>Maturities/Calls</u>								
459200JX0	5/19/2020	IBM Corp	5/13/2022	\$ 175,000	2.850%	\$ 9,892	724	2.811%
14913R2B2	5/19/2020	Caterpillar Financial	5/13/2022	\$ 200,000	0.950%	\$ 3,768	724	0.937%
084664BT7	6/25/2020	Bershire Hathaway Inc	5/15/2022	\$ 375,000	3.000%	\$ 21,250	689	2.961%
				\$ 750,000	2.418%	\$ 34,910		2.386%

PFM Transactions, Month Ending May 31, 2022								
PFM Managed Portfolio								
CUSIP	Purchase Date	Issuer	Mat/Call Date	Par Value	Stated Rate	Total Int Earned	Days	Earnings %
Federal Agency Bonds/Notes								
<u>Purchases</u>								
3133ENWP1	5/19/2022	FFCB Notes	5/16/2024	1,500,000	2.625%			
				1,500,000	2.625%			
<u>Maturities/Calls</u>								
3133ELYR9	5/20/2020	FFCB Notes	5/6/2022	\$ 1,500,000	0.250%	\$ 7,354	716	0.247%
				\$ 1,500,000	0.250%	\$ 7,354		0.247%
US Treasury Bonds/Notes								
<u>Purchases</u>								
no purchases during May 2022								
<u>Maturities/Calls</u>								
no maturities during May 2022								
<u>Transfers</u>								
From Account	Date	To Account	Amount					
no transfers during May 2022								

RECOMMENDED BOARD ORDER 7(a-5)

To the Board of Directors

FOR BOARD ACTION

**SET TAX RATES: ADOPTION OF
RESOLUTION NO. R-22-19
SETTING TAX RATES FOR FISCAL YEAR 2022-2023
FOR COUNTIES OF LOS ANGELES, KERN, AND VENTURA**

The Board of Directors adopted the following board order on
June 28, 2022:

Whereas, the existing Tax Rate for 2021-2022 is .070490, and
the proposed Tax Rate for 2022-2023, as recommended by the
BOARD OF DIRECTORS, is 070490, that **RESOLUTION No. R-
22-19**, Setting Tax Rates for 2022-2023 for the counties of Los
Angeles, Kern, and Ventura, be adopted as presented.

Motion by _____

Second by _____

Carried _____

BOARD ORDER 7(a-5)

06-28-22

RESOLUTION NO. R-22-19

**RESOLUTION OF THE BOARD OF
DIRECTORS OF ANTELOPE VALLEY-EAST
KERN WATER AGENCY DETERMINING,
CERTIFYING AND DIRECTING 2022-2023
TAX LEVIES IN THE COUNTIES OF LOS
ANGELES, KERN AND VENTURA,
PURSUANT TO SECTION 79 OF THE
AGENCY ACT.**

WHEREAS, Section 79 of the Agency's enabling act provides that this Board of Directors shall determine the amounts of money necessary to be raised by taxation during the fiscal year and shall fix the rate or rates of taxes to be levied which will raise the amounts of money required by the Agency and within a reasonable time previous to the time when the Boards of Supervisors of Los Angeles, Kern and Ventura Counties are required by law to fix their respective tax rates, the Board of Directors shall certify to such Boards of Supervisors the rates so fixed and shall furnish a statement in writing of any delinquent and unpaid charges for water and other service, or either, requested in writing by the owners of the property that remain delinquent and unpaid for sixty (60) days or more on July 1st; and

WHEREAS, these general provisions of law have been amended in part by statutes enacted in response to the passage of Proposition 13 in June, 1978 (Article XIII A of the California Constitution); and

WHEREAS, Section 93 of the Revenue and Taxation Code limits the ability of the Agency to levy ad valorem taxes except for that amount which is equal to the amount needed to make annual payments for the interest and principal on general obligation bonds or other indebtedness approved by the voters prior to July 1, 1978; and

WHEREAS, Chapter 6, Part 0.5 of the Revenue and Taxation Code (Section 95, et seq.) provides that for other purposes of local government, the Counties shall levy an ad valorem property tax equal to one per cent of assessed valuation, and the revenues from such tax shall be distributed to local agencies in accordance with the provisions of said Chapter 6; and

WHEREAS, this Agency has incurred an indebtedness to the State of California pursuant to its Water Supply Contract dated September 20, 1962, and prior to July 1, 1978, such indebtedness was approved by the voters within the meaning of Article XIII A of the California Constitution and Sections 93(a) and 97.65(a) of the Revenue and Taxation Code;

NOW, THEREFORE BE IT RESOLVED by the Board of Directors of Antelope Valley-East Kern Water Agency as follows:

1. The Board does hereby determine that the minimum amount necessary to be raised by taxation during the Fiscal Year 2022-2023 for payment of the indebtedness owed to the State of

RESOLUTION NO. R-22-19

Page 2

California pursuant to the Water Supply Contract of the Agency, dated September 20, 1962 is \$12,549,382.00 and does hereby fix a tax rate of .070490 percent of assessed valuation of all taxable property within the Agency.

LOS ANGELES COUNTY

2. The Board does hereby certify to the Board of Supervisors of the County of Los Angeles that for the Fiscal Year 2022-2023, it has fixed the tax rates to be levied, which will raise the amounts of money required by the Agency, and each improvement district thereof as follows:

- (a) In the whole Agency for the State Water Contract - .070490%

The Board of the Agency does hereby direct that the Board of Supervisors of the County of Los Angeles, at the time and in the manner required by law for levying of taxes for County purposes, and in addition to such other taxes as may be levied by the Board of Supervisors, shall levy for the Fiscal Year 2022-2023 taxes for the Agency at the rates shown above.

KERN COUNTY

3. The Board does hereby certify to the Board of Supervisors of the County of Kern that for the Fiscal Year 2022-2023, it has fixed the tax rates to be levied, which will raise the amounts of money required by the Agency, as follows:

- (a) In the whole Agency for the State Water Contract - .070490%

The Board of the Agency does hereby direct that the Board of Supervisors of the County of Kern, at the time and in the manner required by law for levying of taxes for County purposes, and in addition to such other taxes as may be levied by the Board of Supervisors, shall levy for the Fiscal Year 2022-2023 taxes for the Agency at the rates shown above.

VENTURA COUNTY

4. The Board does hereby certify to the Board of Supervisors of the County of Ventura that for the Fiscal Year 2022-2023, it has fixed the tax rates to be levied, which will raise the amounts of money required by the Agency, as follows:

- (a) In the whole Agency for the State Water Contract - .070490%

The Board of the Agency does hereby direct that the Board of Supervisors of the County of Ventura, at the time and in the manner required by law for levying of taxes for County purposes and in addition to such other taxes as may be levied by the Board of Supervisors, shall levy for the Fiscal Year 2022-2023 taxes for the Agency at the rates shown above.

5. The determination of the amount necessary to be raised by taxation which is set forth in paragraph 1 of this Resolution shall constitute the statement in writing required to be filed with the Boards of Supervisors pursuant to Section 79 of the Agency's enabling act. The tax rate set herein is fixed pursuant to said Section 79 and Sections 93(a) and 97.65(a) of the Revenue and Taxation Code. Placement of these taxes on the 2022-2023 tax roll complies with the provisions of Articles XIIC and XIID of the California Constitution.

6. In meeting the obligations due under its State Water Contract, the Agency relies first and to the extent feasible upon revenues derived from rates and charges made for the sale of water delivered pursuant to such Contract. However, the Board does hereby find and determine that such revenues are and will be insufficient to meet the payments due under the State Water Contract during the Fiscal Year 2022-2023 and that it is necessary to levy the tax rate fixed hereunder in order to make such payments. The tax rate for this purpose does not constitute a decrease in the Agency's reliance upon water rates and charges in order to make its required payments to the State; nor have the rates charged for water been reduced to affect a property tax rate increase.

7. The Secretary of the Agency is hereby directed to transmit certified copies of this Resolution to the Board of Supervisors of the County of Los Angeles, to the Board of Supervisors of the County of Kern, and to the Board of Supervisors of the County of Ventura; one copy thereof to the County Auditor-Controller of the County of Los Angeles; one copy thereof to the County Auditor-Controller of the County of Kern; one copy thereof to the County Auditor-Controller of the County of Ventura; and one copy thereof to the Auditor of the Antelope Valley-East Kern Water Agency.

ADOPTED this 28th day of June, 2022.

Presiding Officer of the Board, Title

ATTEST:

HOLLY HUGHES, Board Secretary-Treasurer

RESOLUTION NO. R-22-19

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STATE OF CALIFORNIA :
 :
COUNTY OF LOS ANGELES :

I, HOLLY HUGHES, Board Secretary-Treasurer of the Antelope Valley-East Kern Water Agency, DO HEREBY CERTIFY that the foregoing resolution was duly adopted by the Board of Directors of said Agency at a regular meeting of said Board duly held and convened on the 28th of June, 2022, at which meeting more than a quorum of said Board was present and acting throughout, and that said resolution has not been amended or repealed.

Dated this 28th day of June, 2022.

HOLLY H. HUGHES, Secretary-
Treasurer of the Antelope Valley-East
Kern Water Agency and of the Board
of Directors thereof

(SEAL)

RECOMMENDED BOARD ORDER 8(a-1)

To the Board of Directors

FOR BOARD ACTION

**PURCHASE ORDER FOR \$45,000 WITH CORE & MAIN SUPPLY
FOR CHECK VALVE REPLACE AT THE CENTRAL FEED PUMP**

The Board of Directors adopted the following board order on June 28, 2022:

Approving of the Quote submitted by Core and Main Supply for the purchase of one 14” hydraulically damped check valve in the not-to-exceed amount of \$45,000.00 as presented and recommended by staff and the Finance Committee.

Motion by _____

Second by _____

Carried _____

BOARD ORDER 8(a-1)

06-28-22



STAFF REPORT

To: Board of Directors	Date: June 8, 2022
From: Dwayne Chisam, General Manager	Prepared By: Jon Bozigian, Operations Manager Reviewed By: Matthew Knudson, AGM <i>M.K.</i>
Subject: Central Feed Pump #2 Check Valve Replacement	
Meeting Dates: June 27, 2022 (Finance) June 28, 2022 (Board) Attachment(s): <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	

Recommendation:

Staff is requesting that the Board approve the quote supplied by Core & Main Supply for the purchase of one 14” hydraulically dampened check valve in the ‘not to exceed’ amount of \$45,000.00. This will cover the cost of the valve, shipping and additional supplies that our Maintenance Department will need to install this valve.

Background:

The Rosamond plant utilizes four Central Feed pumps to move treated water from the plant clearwell to the Mojave Tank Farm. These pumps are equipped with hydraulically dampened check valves to minimize high pressure surges and ‘slamming’ when the pumps shut down. These 40-year-old check valves are no longer repairable and exhibit signs of leakage and hard closing upon pump shutdown. Staff will include replacement of one check valve each year in our Asset Replacement Budget.

Budget Breakdown:

Replacement of this check valve was not included in the 2021/2022 fiscal year Asset Replacement budget, therefore this cost will be ‘expensed’ to the Central Feed Pump Station Equipment Maintenance budget.

Supporting Documents

- Quotation from Core & Main Supply
- Note: Ferguson Supply & R&B Automation chose not to provide a quote.



PURCHASE ORDER

Antelope Valley-East Kern Water Agency

6500 West Avenue N
 Palmdale, Ca 93551
 Phone 661-943-3201 Fax 661-943-3204

P.O. NUMBER: 22 0120

P.O. DATE: 06/08/2022

The following number must appear on all related correspondence, shipping papers, and invoices:

TO:

Core and Main
42839 North Sierra Hwy
Lancaster, CA. 93534
 PHONE NO. 661-945-2881
 ACCOUNT NO. _____

PROJECT DESCRIPTION	REQUESTED BY	SHIPPED VIA	ORDER/CONF NO.	TERMS
CF Pump Slanted Check Valve	Doug H			30 Day

QTY	PART #	DESCRIPTION	UNIT PRICE	TOTAL
1		14" APCO Slant Disc Check Valve	\$ 36,176.00	\$ 36,176.00
		Series 800 End F2 250/300		\$ 0.00
		Body: Ductile		\$ 0.00
		Connection: Bronze		\$ 0.00
		Option: Bottom mount Buffer		\$ 0.00
				\$ 0.00
				\$ 0.00
		Equipment Maintenance- CFPS		\$ 0.00
				\$ 0.00
				\$ 0.00
				\$ 0.00

 6-8-22
 Requested By: _____ Date

SUBTOTAL	\$ 36,176.00
SALES TAX	\$ 3,436.72
SHIPPING & HANDLING	\$ 1,500.00
OTHER	
TOTAL	\$ 41,112.72

 Approved By: _____ Date



Bid Proposal for AVEK 14" APCO Slant Disc Check Valve

CUSTOMER

ANTELOPE VALLEY EAST KERN
WATER COMPANY
6500 WEST AVENUE N
PALMDALE, CA 93551
Contact: STEVE OLMSCHIED
(T) 661-579-5235
solmscheid@avek.org

Job
AVEK 14" APCO Slant Disc Check Valve
Bid Date: 05/19/2022 04:00 pm
Bid #: 2356172

CONTACT

Sales Representative
Marco Gomez
(M) 661-576-0822
(T) 661-945-2881
(F) 661-945-5076
Marco.Gomez@coreandmain.com

Core & Main
42839 North Sierra Hwy
Lancaster, CA 93534
(T) 661-945-2881

NOTES

BIDDING OFF UNAPPROVED PLANS PRICE AND MATERIAL ARE SUBJECT TO CHANGE WITH APPROVED PLANS AND OR SUBMITTALS.

LEAD TIMES FOR ALL MATERIAL ARE TO BE DETERMINED AFTER ORDER IS PLACED

ALL MATERIAL PRICING IS SUBJECT TO CHANGE AT ANYTIME WITHOUT NOTICE INCLUDING AT TIME OF SHIPMENT.

CORE AND MAIN LP WILL NOT BE HELD RESPONSIBLE FOR LIQUIDATED DAMAGES OF ANY KIND OR FOR ANY REASON

CONTRACTOR TO RECEIVE MATERIAL AS IT LANDS DUE TO MARKET CONDITIONS



Bid Proposal for AVEK 14" APCO Slant Disc Check Valve

ANTELOPE VALLEY EAST KERN
Bid Date: 05/19/2022 04:00 pm
Core & Main 2356172

Core & Main
42839 North Sierra Hwy
Lancaster, CA 93534
Phone: 661-945-2881
Fax: 661-945-5076

Seq#	Qty	Description	Units	Price	Ext Price
------	-----	-------------	-------	-------	-----------

**DUE TO CURRENT SUPPLY CHAIN DISRUPTIONS, MATERIALS
 ARE SUBJECT TO PRICING AT TIME OF SHIPMENT. MATERIAL
 AVAILABILITY AND TIMELINESS OF SHIPMENTS CANNOT BE
 GUARANTEED. THIS TERM SUPERSEDES ALL OTHER
 CONTRACTUAL PROVISIONS.**

10 *****
 20
 30 CORE AND MAIN LP
 40 42839 N SIERRA HWY
 50 LANCASTER CA 93534
 60 PHONE:661-945-2881
 70 FAX: :661-945-5076
 80 *****
 90 CORE AND MAIN LP
 100 DOES NOT GUARANTEE THIS QUOTE
 110 TO BE A COMPLETE AND ACCURATE
 120 ACCOUNTING OF ALL MATERIALS
 130 NEEDED TO COMPLETE THIS JOB.
 140 CORE AND MAIN LP STANDARD
 150 TERMS APPLY.
 160 ALL PRICES SUBJECT TO CHANGE
 170 WITHOUT NOTICE.
 180 QUOTATION GOOD FOR 30 DAYS
 190 CORE AND MAIN LP IS NOT
 200 LIABLE FOR DELIVERY DELAYS,
 210 CANCELLATIONS OR PRICE
 220 INCREASES RESULTING FROM ANY
 230 CAUSE BEYOND OUR CONTROL.
 240 THESE INCLUDE BUT ARE NOT
 250 LIMITED TO: MANUFACTURERS
 260 SHORTAGES, AVAILABILITY OR
 270 TIMELINESS OF TRANSPORTATION,
 280 MATERIALS, FUELS, OR SUPPLIES.
 290 THIS QUOTE IS NOT A CONTRACT
 300 TO SUPPLY MATERIAL OR
 310 GUARANTEE OF PRODUCT
 320 AVAILABILITY.
 330 \$50.00 CASH SALE MINIMUM
 340 ALL CASH SALES ARE FINAL

370	1	14 " APCO SLANT DISC CHECK VALVE SERIES 800 END	EA	36,176.00	36,176.00
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05/24/2022 - 7:50 AM

Lead time is 40-42 weeks ARO Lead time is 40-42 weeks ARO
 Actual taxes may vary

Page 2 of 3



Bid Proposal for AVEK 14" APCO Slant Disc Check Valve

Bid #: 2356172

Seq#	Qty	Description	Units	Price	Ext Price
		F2 250/300 BODY: DUCTILE CONNECTION IRON SEAT: BRONZE OPTION: BOTTOM MOUNTED BUFFER			
				SUBTOTAL	36,176.00
				Sub Total	36,176.00
				Tax	3,436.72
				Total	39,612.72

Branch Terms:

All Material has a 30/30 rule when bid unless otherwise noted. 30 days to place the order and 30 days to take delivery after Core and Main receives material. All material on quote expires in 30 days unless otherwise noted on quotation. Please see additional exclusions at end of quote.

Core and Main – is not liable for delivery delays, cancellations, or price increases resulting from any cause beyond our control. These include but are not limited to manufacturers’ shortages, availability or timeliness of transportation, material, fuels, or supplies.

This quote is not a contract to supply material or guarantee of product availability.

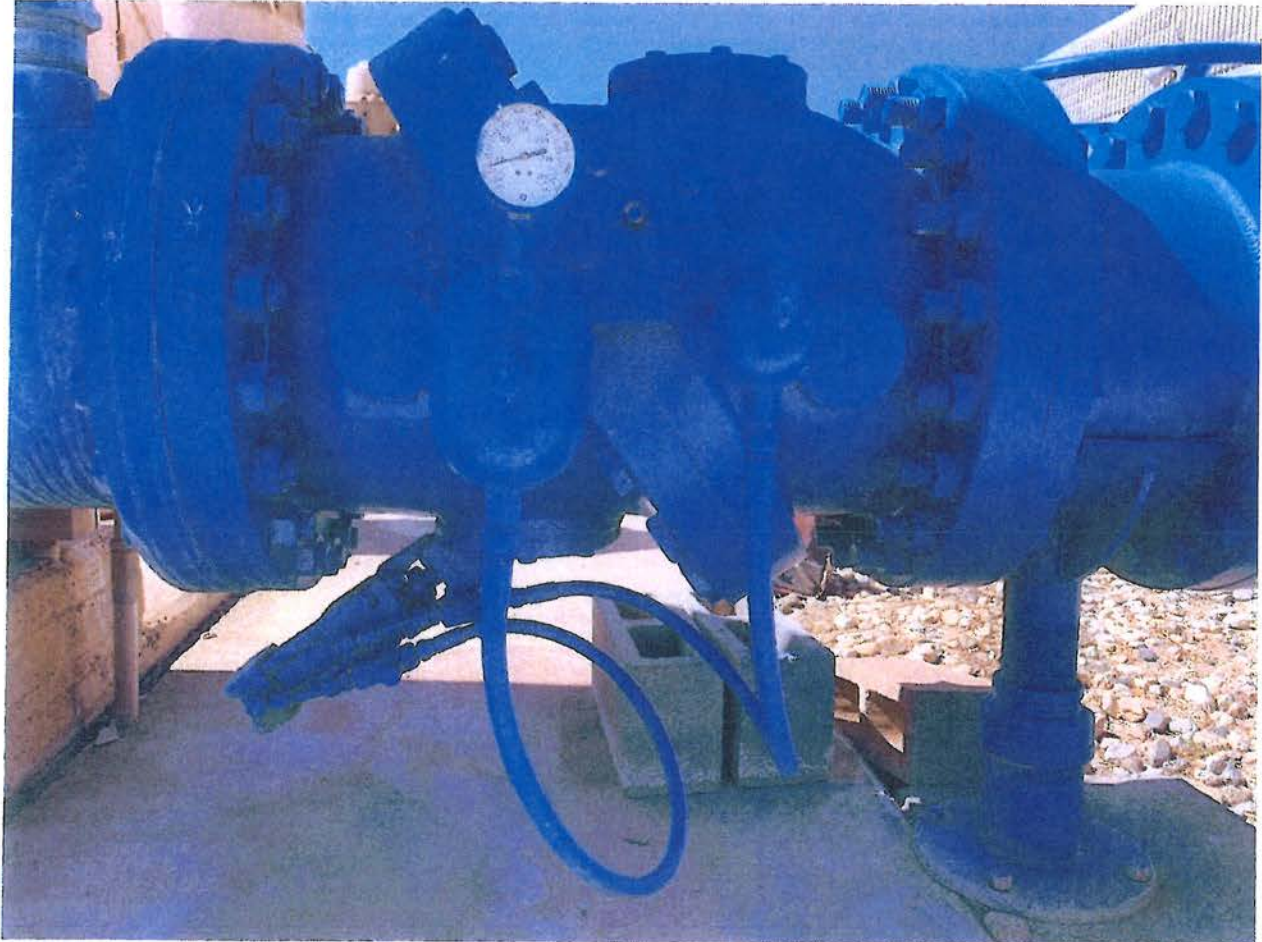
Core and Main quote is produced to the best of our knowledge based on the pre-bid documents supplied by either the contractor or the reporting agency. In no way is this a guarantee of the required quantity and product needed to complete the job

UNLESS OTHERWISE SPECIFIED HEREIN, PRICES QUOTED ARE VALID IF ACCEPTED BY CUSTOMER AND PRODUCTS ARE RELEASED BY CUSTOMER FOR MANUFACTURE WITHIN THIRTY (30) CALENDAR DAYS FROM THE DATE OF THIS QUOTATION. CORE & MAIN LP RESERVES THE RIGHT TO INCREASE PRICES TO ADDRESS FACTORS, INCLUDING BUT NOT LIMITED TO, GOVERNMENT REGULATIONS, TARIFFS, TRANSPORTATION, FUEL AND RAW MATERIAL COSTS. DELIVERY WILL COMMENCE BASED UPON MANUFACTURER LEAD TIMES. ANY MATERIAL DELIVERIES DELAYED BEYOND MANUFACTURER LEAD TIMES MAY BE SUBJECT TO PRICE INCREASES AND/OR APPLICABLE STORAGE FEES. THIS BID PROPOSAL IS CONTINGENT UPON BUYER’S ACCEPTANCE OF SELLER’S TERMS AND CONDITIONS OF SALE, AS MODIFIED FROM TIME TO TIME, WHICH CAN BE FOUND AT: <https://coreandmain.com/TandC/>

Model: APCO Series 800 Slanting Disc Check Valve

Size: 14" with #250/#300 class Flanges

Length: 30" Flange to Flange



1

SERIES 800B - with BOTTOM MOUNTED BUFFER (FREE OPENING AND CONTROLLED CLOSING)

THIS UNIQUE BUFFER ARRANGEMENT ALLOWS THE VALVE DISC **10** TO OPEN FULLY WITHOUT INTERFERENCE AND TO CLOSE FREELY FOR APPROX. 90% OF ITS STROKE. AFTER THE DISC IS 90% CLOSED, IT THEN COMES IN CONTACT WITH THE BUFFER ROD **33**, AT THIS POINT, FINAL CONTROL SPEED OF CLOSING THRU THE LAST 10% OF CLOSING IS ESTABLISHED.

THE FLOW CONTROL VALVE **41** ON THE CYLINDER **39**, IS EASILY ADJUSTED TO ALLOW TIME ADJUSTMENT. TO SUIT PIPELINE FLOW CONDITIONS, POSITIVELY PREVENTING SLAMMING AND GREATLY REDUCING PRESSURE SURGES.

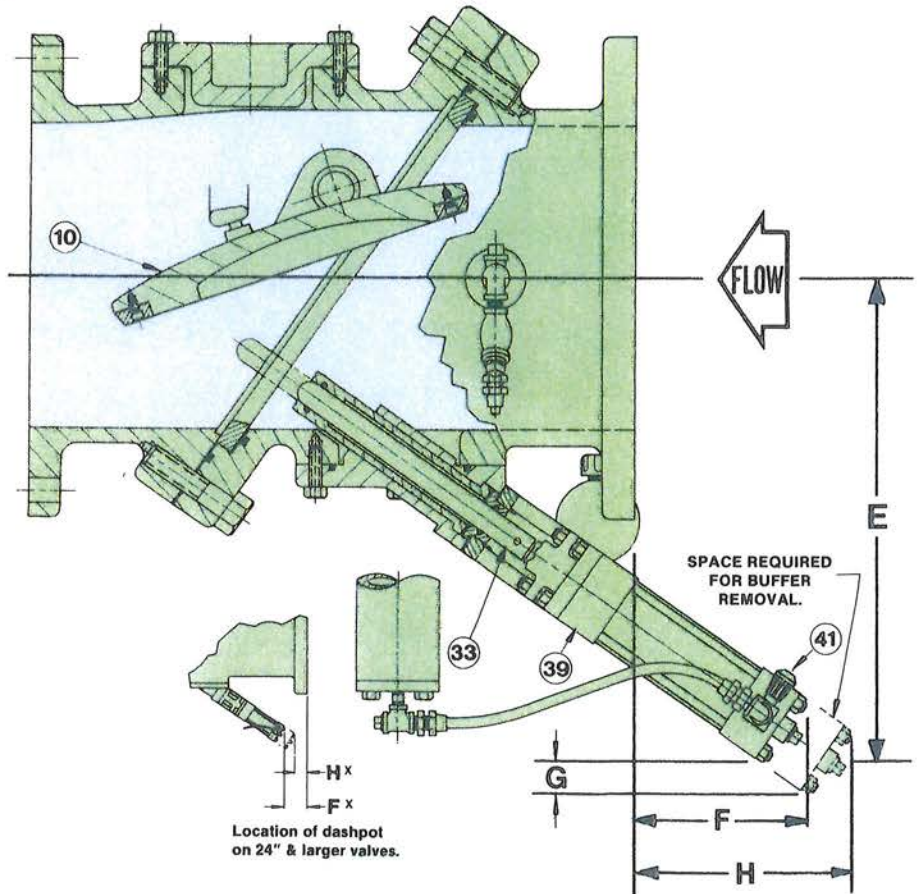
DID YOU KNOW?

ANY APCO CONTROLLED MOVEMENT VALVE CAN BE MODIFIED IN THE FIELD TO SUITE UNUSUAL CONDITIONS.

GOOD PUMP STATION DESIGN REQUIRES AT LEAST 3 PIPE DIAMETERS OF STRAIGHT PIPE DOWN STREAM SIDE OF A CHECK VALVE AND IN SOME CASES THE UPSTREAM SIDE.

THE APCO BUFFER MAY BE ADDED TO A VALVE IN THE FIELD.

APCO OFFERS ONLY FACTORY TRAINED ENGINEERS FOR FIELD START UP.



ABOUT THE BUFFER

Bottom Mounted Buffers have been used successfully for many years to eliminate slamming of the valve disc and resultant water hammer.

Recommended where instantaneous flow reversal caused by a Hydro-pneumatic Surge Tank or Open Line Discharge is so fast a free closing check valve cannot shut prior to reverse flow and therefore slams. Alternately, the Buffer will stop the disc at 90%, approximately (adjustable) of closure and control close the disc to shut-off without slamming and with minimal pressure rise.

VALVE DIMENSIONS FOR S-800B (BOTTOM MOUNTED BUFFER) & S-800T (TOP MOUNTED DASHPOT)

	VALVE SIZE	6"	8"	10"	12"	14"	16"	18"	20"	24"	30"	36"	42"	48"	54"	60"
800T	C	21%	28%	30%	31%	35%	43%	44%	48%	60%	69%	79%	91	98½	112½	120¼
	E	13%	14¼	15%	17%	19	20½	22½	23½	24¼	32½	36	43½	50	60	62½
800B	F	8%	7%	5	7%	4%	4%	2%	5%	1' 1/8" X	2 1/8" X	8 3/4" X	9 3/4" X	1 1/2" X	3 1/4" X	11 1/2" X
	G	2½	3%	4%	5%	5%	5%	5½	7%	6	8¼	7¼	3½	2½	7	8
	H	11½	11	9	11	9	9	7	12	3	5	2 X	2 X	2	¾ X	4 X

RECOMMENDED BOARD ORDER 8(b-2)

To the Board of Directors

FOR BOARD ACTION

APPROVE TASK ORDER 3 WITH STANTEC-\$720,742.35

The Board of Directors adopted the following board order on June 28, 2022:

Authorizing Task Order 3 for Stantec's Engineering Services during construction in the amount of \$720,742.35 as presented and recommended by staff and the High Desert Water Bank Committee.

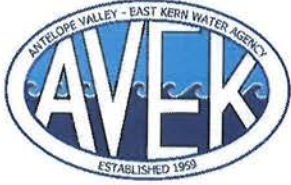
Motion by _____

Second by _____

Carried _____

BOARD ORDER 8(b-2)

06-28-22



STAFF REPORT

To: Board of Directors	Date: June 23, 2022
From: Dwayne Chisam, General Manager	Prepared By: Justin Livesay, Engineering Manager Matthew Knudson, AGM
Subject: Task Order #3 for Stantec for Engineering Services During Construction for the High Desert Water Bank	
Meeting Dates: High Desert Water Bank Committee: June 23, 2022 and Board of Directors: June 28, 2022	
Agenda Item(s):	Attachment(s): <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

Staff Recommendation:

The High Desert Water Bank Committee and staff recommend the Board authorize Task Order 3 for Stantec’s Engineering Services During Construction in the amount of \$720,742.35.

Summary:

The High Desert Water Bank is a water supply and reliability water banking project in partnership with Metropolitan Water District of Southern California (MWD). The goals of the project are to improve the reliability of State Water Project (SWP) deliveries and AVEK’s financial stability by recharging and recovering up to 70,000 acre-feet per year with a total storage capacity goal of 280,000 acre-feet of State Water Project water within the 1,500-acre site.

To support the Stage 1 & Stage 2 Recharge System Improvements project awarded to Nicholas Construction on June 7, 2022, AVEK requires support from the Engineer of Record for Engineering Services During Construction. These services ensure the project is built safely and in accordance with the plans and specifications. Typical services include reviewing and approving material submittals, reviewing and approving contractor-submitted shop drawings, responding to design clarifications and requests for information (RFI), and geotechnical testing and inspection by the Geotechnical Engineer of Record. These services ensure that the design engineers remain responsible for the project throughout construction and should only be performed by the Engineers of Record.

Stantec provided a scope of work and fee for Task Order 3 in the amount of \$720,742.35 which was carefully reviewed and is within the typical range expected for a construction project of this magnitude.

Supporting Documents

- Staff presentation
- Stantec Task Order 3 Scope of Work

EXHIBIT A.1 – SCOPE OF SERVICES
PROVIDING ENGINEERING DESIGN AND HYDROGEOLOGY SERVICES
FOR THE HIGH DESERT WATER BANK, TASK ORDER N° 3

EXHIBIT A.1 – SCOPE OF SERVICES
Bidding Support Services & Engineering Services During
Stage 1 and 2 Construction
for
High Desert Water Bank
Task Order No. 3

EXHIBIT A.1 – SCOPE OF SERVICES
 PROVIDING ENGINEERING DESIGN AND HYDROGEOLOGY SERVICES
 FOR THE HIGH DESERT WATER BANK, TASK ORDER N° 3

Contents

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Subtask 1.2 – Bi-Weekly Project Coordination Check-in Meetings 1

Subtask 1.3 – Monthly Invoicing and Billing Services - 1

Task 16 – Bidding Support Services Stage 1 & 2 Recharge Facilities Construction 1

Subtask 16.1 –Review and Response to Contractor Requests for Information – 1

Subtask 16.2 – Review and Analysis of Contractor Bids – 1

Subtask 16.3 Stage 1 & 2 Recharge Facilities Construction Conformed Set Drawings/Specifications..... 2

Subtask 16.4 Stage 1 & 2 Recharge Facilities Construction Kick-off Meeting 2

Task 17 – Engineering Services During Construction for Stage 1 and 2 Recharge Facilities 2

Subtask 17.1– Contractor Weekly Coordination Meetings – 2

Subtask 17.2 – Contractor Submittals Stage 1 & 2 2

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EXHIBIT A.1 – SCOPE OF SERVICES
PROVIDING ENGINEERING DESIGN AND HYDROGEOLOGY SERVICES
FOR THE HIGH DESERT WATER BANK, TASK ORDER N° 3

Task 1 – Project Management Services

For Task Order No. 3, Stantec Consulting Services Inc. (Stantec) will provide project coordination and general project management services to the Antelope Valley-East Kern Water Agency (AVEK) High Desert Water Bank Project (HDWB) to include project coordination meetings not identified as part of Engineering Services During Construction (ESDC), monthly billing and invoicing services, coordination with Metropolitan Water District (MWD), and Southern California Edison (SCE) as described in the following:

Subtask 1.2 – Bi-Weekly Project Coordination Check-in Meetings

Stantec will participate in Bi-Weekly project update meetings with the AVEK and the Program Managers. Stantec is providing a labor allocations for the Stantec Project Manager for up to 100 meetings, and the Dahl Consultants Principal of up to 100 meetings for a total duration of up to 100 meetings.

Subtask 1.3 – Monthly Invoicing and Billing Services -

Stantec will prepare monthly invoicing and billing services. Stantec will forward to AVEK for review and approval monthly invoices based on project activities and subconsultant services.

Task 16 – Bidding Support Services Stage 1 & 2 Recharge Facilities Construction

Stantec will provide bidding support services for the Stage 1 and 2 Recharge Facilities Construction for the following project elements:

1. Stage 1 Recharge Facilities Site Grading.
2. Stage 2 Recharge Facilities Site Grading.
3. Flow Delivery Conveyance System.
4. Flow Delivery Systems to each basin.
5. Stage 2 Delivery Pump Station.
6. Stage 2 Control Basin.

Subtask 16.1 – Review and Response to Contractor Requests for Information –

Stantec will review and respond to 10 Contractor Requests for Information and prepare two bid addendums during the bidding period.

Subtask 16.2 – Review and Analysis of Contractor Bids –

Stantec will review and provide an analysis of contractor bids in collaboration with the AVEK Construction Management Team. The analysis review the following information:

1. Review contractor initial contractor bids and identify the apparent low bid.
2. Review of contractor qualifications as a pass or fail analysis based on the requirements of the technical specifications.
3. Provide a recommendation as to apparent successful bidder.

EXHIBIT A.1 – SCOPE OF SERVICES
PROVIDING ENGINEERING DESIGN AND HYDROGEOLOGY SERVICES
FOR THE HIGH DESERT WATER BANK, TASK ORDER N° 3

Subtask 16.3 Stage 1 & 2 Recharge Facilities Construction Conformed Set Drawings/Specifications

Stantec will prepare conformed drawings and specifications to serve as construction documents. The conformed drawings and specifications will reflect information and adjustments made during the bidding process.

Subtask 16.4 Stage 1 & 2 Recharge Facilities Construction Kick-off Meeting

Stantec will coordinate with AVEK to attend one Stage 1 & 2 Recharge Facilities Construction Kick-off Meeting.

Task 17 – Engineering Services During Construction for Stage 1 and 2 Recharge Facilities

Stantec will provide ESDC that will include (1) participation of Contractor weekly coordination meetings, (2) the review of contractor submittals, (3) review and reply to Contractor requests for information, and (4) conduct geotechnical and design engineering periodic field observations.

Subtask 17.1– Contractor Weekly Coordination Meetings –

Stantec will attend up to 112 contractor coordination meetings to review construction progress and provide input as to construction activities on weekly basis. It is anticipated that all Contractor Weekly Coordination Meetings will be conducted virtually (via Microsoft Teams Meetings coordinated by Stantec) and it is estimated that each meeting will last up to 45 minutes.

Subtask 17.2 – Contractor Submittals Stage 1 & 2

Stantec will review up to 50 contractor submittals for Stage 1 & 2 construction and up to 25 resubmittals for a total of up to 75 contractor submittals. Anticipated submittals include the following:

1. Class B Field Office and Site Plan.
2. Field Activities Project Schedule.
3. Construction Waste Disposal Locations.
4. Pressure Pipe Testing Plan and Schedule.
5. Pressure Pipe Technician Experience.
6. Equipment Testing and Plant Startup Schedule.
7. Equipment Testing and Plant Startup Plan.
8. Demolition and Reconstruction Activities Procedures and Operational Sequence.
9. Well Destruction – Los Angeles Department of Public Health Application and Permits.
10. Well Destruction – Well Video Log and Well Inspection Report.
11. Well Destruction – Completed Water Well Driller's Report.
12. Concrete Repair and Rehabilitation Shop Drawings, Concrete Repair Products and Procedures.
13. Concrete Forming – Materials and Manufacturer's Information.
14. Concrete Forming – Shop Drawings, Falsework Calculations and Drawings.
15. Reinforcement Steel – Bar Bending Shop Diagrams.
16. Reinforcement Steel – Reinforcement Details, Shop Drawings, Mechanical Couplers and Welding Procedures.

EXHIBIT A.1 – SCOPE OF SERVICES
PROVIDING ENGINEERING DESIGN AND HYDROGEOLOGY SERVICES
FOR THE HIGH DESERT WATER BANK, TASK ORDER № 3

17. Cast-in-Place Concrete – Mix Designs.
18. Joints in Concrete – Placement Drawings.
19. Joints in Concrete – Materials.
20. Controlled Low Strength Material – Mix Designs.
21. Pneumatically Placed Concrete – Shop Drawings and Manufacturers Certifications.
22. Grouts – Materials Documentation.
23. Post-Installed Anchors in Concrete – Materials Documentation and Technical Information
24. Miscellaneous Metal Work – Shop Drawings.
25. Fiberglass Reinforced Plastic Fabrications – Shop Drawings.
26. Fiberglass Reinforced Plastic Fabrications – Layout Drawings, Product Information and Samples.
27. Sealants and Caulking – Product Data and Certifications and applications schedule.
28. Protective Coatings – Materials List, Manufacturer's, Samples and Field Applicator Experience.
29. Earthwork – Earthwork Sequencing Plan.
30. Earthwork – Shoring Plan and Supporting Calculations.
31. Geotextiles – Shop Drawings, Material Samples and Certifications.
32. Riprap – Testing Certifications.
33. Reinforced Concrete Drainage Pipe – Shop Drawings, Material Data, Lay Drawings, Schedule.
34. Reinforced Concrete Cylinder Pipe - Shop Drawings, Material Data, Lay Drawings, Schedule.
35. Concrete Bar Wrapped Cylinder Pipe - Shop Drawings, Material Data, Lay Drawings, Schedule.
36. Steel Pipe Specials and Fittings - Shop Drawings, Material Data, Lay Drawings, Schedule.
37. Ductile Iron Pipe with Mortar Lining - Shop Drawings, Material Data, Lay Drawings, Schedule.
38. Corrugated Metal Drainage Pipe - Shop Drawings, Material Data, Lay Drawings, Schedule.
39. Fiberglass Reinforced Pipe - Shop Drawings, Material Data, Lay Drawings, Schedule.
40. PVC Pressure Pipe and Fittings - Shop Drawings, Material Data, Lay Drawings, Schedule.
41. Pipe Couplings - Shop Drawings, Material Data, Lay Drawings, Schedule.
42. Steel Pipe - Shop Drawings, Material Data, Lay Drawings, Schedule.
43. Valves - Shop Drawings, Material Data, Lay Drawings, Schedule.
44. Butterfly Valves - Shop Drawings, Material Data, Lay Drawings, Schedule.
45. Ball Valves - Shop Drawings, Material Data, Lay Drawings, Schedule.
46. Plug Valves - Shop Drawings, Material Data, Lay Drawings, Schedule.
47. Miscellaneous Valves - Shop Drawings, Material Data, Lay Drawings, Schedule.
48. Slide Gates - Shop Drawings, Material Data, Lay Drawings, Schedule.
49. Miscellaneous Items.
50. Mitigation Requirements.

EXHIBIT A.1 – SCOPE OF SERVICES
PROVIDING ENGINEERING DESIGN AND HYDROGEOLOGY SERVICES
FOR THE HIGH DESERT WATER BANK, TASK ORDER N° 3

Subtask 17.3 – Prepare Contractor Request for Information Responses

Stantec will prepare responses to requests for information (RFI) from the construction contractor concerning areas of the drawings and/or specifications. The basis of the estimate is up to 75 RFIs.

Subtask 17.4 – Prepare Field Design Changes

Stantec will prepare field design revisions to the design to the benefit of the contractor. The field design revisions will have a Stantec labor allocation of \$56,338.40. In the event the initial labor allocation is exceeded, Stantec will notify AVEK in writing to re-establish the labor budget as is required.

Subtask 17.5 – Preparation of Record Drawing

Stantec will update the project record drawings to incorporate changes that were made during construction. The changes made during construction will be marked in redline format on a set of the conformed drawings by the Contractor and delivered to Stantec both electronically and original contractor redlines.

Subtask 17.6 – Geotechnical Observations and Services

Geotechnical Observation Approach - The construction process is an integral design component with respect to the geotechnical aspects of the project. Because geotechnical engineering is an inexact science due to the variability of natural processes, and because sampling and testing is only performed on a limited portion of the soils affecting the performance of the proposed improvements, unanticipated or changed conditions can be encountered during grading and foundation excavation. Consequently, geotechnical recommendations can only be finalized after observing actual subsurface conditions revealed during construction. Thorough geotechnical observation during construction is imperative to allow the geotechnical engineer the opportunity to verify assumptions made during the design process and to provide final geotechnical recommendations based on the actual conditions encountered.

Stantec understands that the general contractor will be responsible to hire a third-party testing laboratory to provide quality control (QC) services associated with observation and testing during earthwork activities (berm construction, pipeline placement and backfill, etc.) to ensure that the earthwork is performed in accordance with the project plans, specifications, and recommendations of the project geotechnical report. We further understand that AVEK (through the construction management contract) will hire a third-party testing laboratory to perform quality assurance (QA) services associated with earthwork activities. As Geotechnical Engineer of Record (GEOR) for the project, Kleinfelder will provide geotechnical support services during construction to:

- Observe and approve foundation and keyway excavations for berms prior to placement of fill
- Recommend and approve limits of removals of unsuitable soils
- Respond to requests for information (RFIs) from the contractor and QC testing firm related to the geotechnical aspects of the project
- Review documentation to check that the observation and testing services performed by the QC testing firm are being performed as required by the specifications and that the results meet the specifications
- Confirm geotechnical design assumptions based on periodic site visits during construction
- Provide updated geotechnical recommendations as necessary based on the observed and/or reported geotechnical conditions.

Review of Requests for Information and Submittals

EXHIBIT A.1 – SCOPE OF SERVICES
PROVIDING ENGINEERING DESIGN AND HYDROGEOLOGY SERVICES
FOR THE HIGH DESERT WATER BANK, TASK ORDER N° 3

Stantec's subconsultant, Kleinfelder, will review the geotechnical aspects of submittals and RFIs prepared by the Contractor and QC testing firm and provide written or email response, as appropriate. We expect that contractor submittals, at a minimum, will include shoring design/configuration, qualifications of the QC testing firm, and weekly submittals by the QC testing firm. weekly QC submittals are expected to include, at a minimum,

- Daily field reports
- Limits of berm subgrade awaiting approval and approved for fill placement
- Limits of unsuitable material removed or identified for removal
- Tabulated field density test results with tests located by station/offset and elevation
- Laboratory test results
- Summary of failing tests yet to be resolved
- Map(s) showing the locations of the tests performed
- Site photographs, as applicable
- Other reporting requirements as may be detailed in the project specifications.

Each submittal will be reviewed for conformance with the project specifications and intent of the geotechnical recommendations and acknowledged as submitted or rejected with comments requiring resubmittal.

For purposes of this proposal, we have assumed a total of up to 60 submittals (includes weekly QC packages, RFIs, and required contractor submittals) will be reviewed throughout the anticipated 12-month site development schedule.

Periodic Site Visits During Grading

Stantec's subconsultant, Kleinfelder, will provide a project engineer/geologist to perform periodic site visits at various stages of construction. Based on the preliminary schedule provided to AVEK by Stantec (12 months of grading/backfill), we anticipate the following site visits will be necessary at the assumed frequency noted in parentheses:

- Berm foundation and keyway excavation (28 visits).
- Over-excavation/removal of unsuitable material/collapsible soils (8 visits).
- Excavation of cutoff walls (12 visits).
- Trench subgrade verification (4 visits).

Kleinfelder's has also included time (up to 17 visits) for their principal GEOR to visit the site to observe exposed foundation conditions, verify geotechnical assumptions, and address issues raised during construction.

Conference Calls and Project Management

Kleinfelder's principal GEOR and a project engineer will attend bi-weekly conference calls throughout the anticipated 12-month site development schedule as well as provide the means to manage communication, document control, and project invoicing.

Closeout Letter

EXHIBIT A.1 – SCOPE OF SERVICES
PROVIDING ENGINEERING DESIGN AND HYDROGEOLOGY SERVICES
FOR THE HIGH DESERT WATER BANK, TASK ORDER N° 3

At the completion of the geotechnical services presented in this proposal, Kleinfelder will prepare, in coordination with Stantec, a memorandum summarizing the work performed and providing a conclusion as to the conformance of the geotechnical aspects of the work to the project plans and specifications

Assumptions:

1. QC services consisting of full time observation of the grading activities, field density testing, and laboratory testing will be performed by a reputable third-party testing laboratory hired by the general contractor. QA services consisting of part-time, as-needed observation and testing will be performed by a reputable third-party testing laboratory hired by and under direction of the Construction Manager. The QC firm will be responsible for certifying that all project earthwork and grading for the project was completed in accordance with the geotechnical recommendations and that the test results are in conformance with the requirements of the project specifications. The certification will be in the form of a final compaction report signed and stamped by a Civil Engineer registered in California.
2. The number of submittal reviews and the frequency of site visits has been estimated based on a preliminary schedule prepared by the Contractor and reviewed Stantec. If additional reviews or site visits are needed based on the performance of the QC testing laboratory or the Contractor, we will notify AVEK of the need and prepare a proposal for supplemental authorization.

Task 18 – Watermaster Groundwater Storage Agreement

Stantec's subconsultant, Montgomery & Associates (M&A), will provide technical support on the Watermaster Application for Storage Agreement for the High Desert Water Bank. The application is being prepared by AVEK's program manager, Kennedy Jenks Consultants (KJ) on behalf of AVEK. M&A will provide services on the storage agreement as part of a broader Stantec scope of work and fee estimate.

The scope of work and cost estimate are based on input provided by KJ, including a conceptual draft of the HDWB storage application. The scope of work includes providing technical input to the banking, recovery, estimated losses, material injury analysis sections, and monitoring sections of the application. Technical input will be based on the data analysis and modeling work conducted for the HDWB recharge and recovery design and information reported by the Antelope Valley Watermaster. Activities to be completed included: 1) processing model results for use in the application, 2) compiling information from the most recent Watermaster report, 3) preparing text, tables, and figures for selected sections of the application; and 4) project management including meetings and invoicing.



**ANTELOPE VALLEY-EAST KERN WATER AGENCY
HIGH DESERT WATER BANK**

TASK ORDER 03: STAGE 1 & 2 DESIGN AND FIELD OVERSIGHT SERVICES

Client: Client: Antelope Valley-East Kern Water Agency

Project: Project Name: High Desert Water Bank

Stage: Project Stage: Stage 1 & 2 Construction

Mark-up on subconsultant labor: 5.0%

		STANTEC CONSULTING	DAHL CONSULTANTS	H&H WATER RESOURCES	MONTGOMERY & ASSOCIATES	KLEINFELDER	TOTAL COSTS
TASK GROUP 1 - PROJECT MANAGEMENT SERVICES							
TASK NO.	TASK DESCRIPTION						
1.2	Monthly Project Coordination Meeting W/AVEK	\$ 7,092.00	\$ -	\$ -	\$ -	\$ -	\$ 7,092.00
1.3	Monthly Progress Reporting and Invoicing	\$ 16,842.00	\$ -	\$ -	\$ -	\$ -	\$ 16,842.00
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TASK GROUP TOTALS		\$ 23,934.00	\$ -	\$ -	\$ -	\$ -	\$ 23,934.00
TASK GROUP 16 - STAGE I & II BIDDING SUPPORT SERVICES							
TASK NO.	TASK DESCRIPTION						
16.1	Review and Response to Contractor Requests for Information	\$ 27,576.00	\$ 2,074.80	\$ -	\$ -	\$ -	\$ 29,650.80
16.2	Review and Analysis of Contractor Bids	\$ 998.00	\$ 1,037.40	\$ -	\$ -	\$ -	\$ 2,035.40
16.3	Stage 1 & 2 Recharge Facilities Construction Conformed Set Drawings/Specifications	\$ 17,068.00	\$ 1,037.40	\$ -	\$ -	\$ -	\$ 18,105.40
16.4	Stage 1 & 2 Recharge Facilities Construction Kick-off Meeting	\$ 2,578.00	\$ 1,537.40	\$ -	\$ -	\$ -	\$ 4,115.40
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TASK GROUP TOTALS		\$ 48,220.00	\$ 5,687.00	\$ -	\$ -	\$ -	\$ 53,907.00
TASK GROUP 17 - STAGE I & II ENGINEERING SERVICES DURING CONSTRUCTION							
TASK NO.	TASK DESCRIPTION						
17.1	Contractor Weekly Coordination Meetings	\$ 16,548.00	\$ 15,758.80	\$ -	\$ -	\$ -	\$ 32,306.80
17.2	Contractor Submittals Stage 1 & 2	\$ 71,850.00	\$ 10,542.00	\$ -	\$ -	\$ -	\$ 82,392.00
17.3	Prepare Contractor Request for Information Responses	\$ 72,900.00	\$ 10,542.00	\$ -	\$ -	\$ -	\$ 83,442.00
17.4	Prepare Field Design Changes	\$ 54,230.00	\$ 2,108.40	\$ -	\$ -	\$ -	\$ 56,338.40
17.5	Preparation of Record Drawing	\$ 31,264.00	\$ 2,108.40	\$ -	\$ -	\$ -	\$ 33,372.40
17.6	Geotechnical Observations and Services	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<i>Review of Requests for Information and Submittals</i>	\$ -	\$ -	\$ -	\$ -	\$ 62,417.25	\$ 62,417.25
	<i>Periodic Site Visits During Construction</i>	\$ -	\$ -	\$ -	\$ -	\$ 234,869.90	\$ 234,869.90
	<i>Geotechnical Conference Calls and Project Management</i>	\$ -	\$ -	\$ -	\$ -	\$ 23,089.50	\$ 23,089.50
	<i>Geotechnical Closeout Letter</i>	\$ -	\$ -	\$ -	\$ -	\$ 5,676.30	\$ 5,676.30
TASK GROUP TOTALS		\$ 246,792.00	\$ 41,059.60	\$ -	\$ -	\$ 326,052.95	\$ 613,904.55
TASK GROUP 18 - WATERMASTER GROUNDWATER STORAGE AGREEMENT SUPPORT							
TASK NO.	TASK DESCRIPTION						
18.1	Watermaster Groundwater Storage Agreement Support	\$ 2,328.00	\$ -	\$ -	\$ 26,668.80	\$ -	\$ 28,996.80
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TASK GROUP TOTALS		\$ 2,328.00	\$ -	\$ -	\$ 26,668.80	\$ -	\$ 28,996.80
NOT USED							
TASK NO.	TASK DESCRIPTION						
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
TASK GROUP TOTALS		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
		\$ 321,274.00	\$ 46,746.60	\$ -	\$ 26,668.80	\$ 326,052.95	\$ 720,742.35

STAGE 1 & 2 BID SUPPORT AND ENGINEERING SERVICES DURING CONSTRUCTION
DAHL CONSULTANTS LABOR DETAIL

		Principal (Wayne Dahl)	Project Engineer (Susan Fox)	Construction Manager (John Dahl)	Project Engineer (Susan Dibson)	Technical Designer (CAD)	Administrative Services (Laurie Maloney)														2021 Labor %	2021 Labor %	2022 Labor %	2022 Labor %	2021 Labor Costs	2022 Labor Costs	2023 Labor Costs	2024 Labor Costs	TOTAL LABOR COSTS	OTHER DIRECT COSTS	ELECTRICAL ENGINEERING	TOTAL SUBCONSULTANT COSTS	TOTAL COSTS							
ANNUAL BILLING RATE		Billing Rate FY 2021	\$240	\$200	\$200	\$185	\$130	\$95																																
		Billing Rate FY 2022	\$247	\$206	\$206	\$191	\$134	\$98																																
		Billing Rate FY 2023	\$255	\$212	\$212	\$196	\$138	\$101																																
		Billing Rate FY 2024	\$262	\$219	\$219	\$202	\$142	\$104																																
TASK GROUP 1 - PROJECT MANAGEMENT SERVICES																																								
WBS	TASK NUMBER	TASK DESCRIPTION																																						
	1.2	Monthly Project Coordination Meeting																																						
	1.3	Monthly Progress Reporting and Invoicing																																						
TASK GROUP SUBTOTALS			0	0	0	0	0	0																																
TASK GROUP 16 - STAGE I & II BIDDING SUPPORT SERVICES																																								
WBS	TASK NUMBER	TASK DESCRIPTION																																						
	16.1	Review and Response to Contractor Requests for Information	8																																					
	16.2	Review and Analysis of Contractor Bids	4																																					
	16.3	Stage 1 & 2 Recharge Facilities Construction Conformed Set Drawings/Specifications	4																			100%					\$ 1,976.00	\$ -	\$ -	\$ -	\$ 1,976.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,976.00		
	16.4	Stage 1 & 2 Recharge Facilities Construction Kick-off Meeting	4																			100%					\$ 988.00	\$ -	\$ -	\$ -	\$ 988.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 988.00		
TASK GROUP SUBTOTALS			20	0	0	0	0	0																			\$ 988.00	\$ -	\$ -	\$ -	\$ 988.00	\$ 500.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,486.00		
TASK GROUP 17 - STAGE I & II ENGINEERING SERVICES DURING CONSTRUCTION																																								
WBS	TASK NUMBER	TASK DESCRIPTION																																						
		Periodic Site Visits During Construction																																						
		Geotechnical Conference Calls and Project Management																																						
		Geotechnical Closeout Letter	152	0	0	0	0	0																																
TASK GROUP SUBTOTALS			152	0	0	0	0	0																				\$ 10,772.00	\$ 19,380.00	\$ -	\$ -	\$ 38,152.00	\$ 1,000.00	\$ -	\$ -	\$ -	\$ -	\$ 39,152.00		
TASK GROUP 18 - WATERMASTER GROUNDWATER STORAGE AGREEMENT SUPPORT																																								
WBS	TASK NUMBER	TASK DESCRIPTION																																						
	18.1	Watermaster Groundwater Storage Agreement Support																																						
TASK GROUP SUBTOTALS			0	0	0	0	0	0																																
NOT USED																																								
			172	0	0	0	0	0																																
TASK GROUP SUBTOTALS			172	0	0	0	0	0																				\$ 23,712.00	\$ 19,380.00	\$ -	\$ -	\$ 43,092.00	\$ 1,500.00	\$ -	\$ -	\$ -	\$ -	\$ 44,592.00		
TOTALS																																								

STAGE 1 & 2 BID SUPPORT AND ENGINEERING SERVICES DURING CONSTRUCTION
H&H WATER RESOURCES LABOR DETAIL

		ANNUAL BILLING RATE																	2021 Labor %				2022 Labor %				2023 Labor %				2024 Labor %				TOTAL LABOR COSTS		OTHER DIRECT COSTS		DAHL CONSULTANTS		H&H WATER RESOURCES		MONTGOMERY AND ASSOCIATES		KLEINFELDER		TOTAL SUBCONSULTANT COSTS		TOTAL COSTS	
		Principal Victor Harris	Principal (Belinda Howell)																2021 Labor %	2022 Labor %	2023 Labor %	2024 Labor %	2021 Labor Costs	2022 Labor Costs	2023 Labor Costs	2024 Labor Costs	TOTAL LABOR COSTS	OTHER DIRECT COSTS	DAHL CONSULTANTS	H&H WATER RESOURCES	MONTGOMERY AND ASSOCIATES	KLEINFELDER	TOTAL SUBCONSULTANT COSTS	TOTAL COSTS																
Billing Rate FY 2021		\$290	\$150																																															
Billing Rate FY 2022		\$258	\$155																																															
Billing Rate FY 2023		\$266	\$160																																															
Billing Rate FY 2024		\$274	\$165																																															
TASK GROUP 1 - PROJECT MANAGEMENT SERVICES																																																		
WBS	TASK NUMBER	TASK DESCRIPTION																																																
	1.2	Monthly Project Coordination Meeting																																																
	1.3	WAVEK Additional Services																																																
		Monthly Progress Reporting and Invoicing																																																
TASK GROUP SUBTOTALS																																																		
TASK GROUP 16 - STAGE I & II BIDDING SUPPORT SERVICES																																																		
WBS	TASK NUMBER	TASK DESCRIPTION																																																
	16.1	Review and Response to Contractor Requests for Information																																																
	16.2	Review and Analysis of Contractor Bids																																																
	16.3	Stage 1 & 2 Recharge Facilities Construction Confirmed Set Drawings/Specifications																																																
	16.4	Stage 1 & 2 Recharge Facilities Construction Kick-off Meeting																																																
TASK GROUP SUBTOTALS																																																		
TASK GROUP 17 - STAGE I & II ENGINEERING SERVICES DURING CONSTRUCTION																																																		
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	17.1	Contractor Weekly Coordination Meetings																																																
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TASK GROUP 18 - WATERMASTER GROUNDWATER STORAGE AGREEMENT SUPPORT																																																		
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TASK GROUP SUBTOTALS																																																		
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WBS	TASK NUMBER	TASK DESCRIPTION																																																
TASK GROUP SUBTOTALS																																																		
TOTALS																																																		

RECOMMENDED BOARD ORDER 8(b-3)

To the Board of Directors

FOR BOARD ACTION

APPROVE TASK ORDER 3 WITH KENNEDY JENKS - \$2,195,206.00

The Board of Directors adopted the following board order on June 28, 2022:

Authorizing Task Order 3 with Kennedy Jenks for construction management and Inspection Services in the amount of \$2,195,206.00 as presented and recommended by staff and the High Desert Water Bank Committee.

Motion by _____

Second by _____

Carried _____

BOARD ORDER 8(b-3)

06-28-22



STAFF REPORT

To: Board of Directors	Date: June 23, 2022
From: Dwayne Chisam, General Manager	Prepared By: Justin Livesay, Engineering Manager Matthew Knudson, AGM
Subject: Task Order #3 of Kennedy Jenks on-call Construction Management and Inspection services agreement for the High Desert Water Bank	
Meeting Dates: High Desert Water Bank Committee: June 23, 2022 and Board of Directors: June 28, 2022	
Agenda Item(s):	Attachment(s): <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

Staff Recommendation:

The High Desert Water Bank Committee and staff recommend the Board authorize Task Order 3 with Kennedy Jenks for Construction Management and Inspection services in the amount of \$2,195,206.00.

Summary:

The High Desert Water Bank is a water supply and reliability water banking project in partnership with Metropolitan Water District of Southern California (MWD). The goals of the project are to improve the reliability of State Water Project (SWP) deliveries and AVEK’s financial stability by recharging and recovering up to 70,000 acre-feet per year with a total storage capacity goal of 280,000 acre-feet of State Water Project water within the 1,500-acre site.

To meet these goals, the High Desert Water Bank project is planned to have multiple construction packages for an aqueduct turnout, recharge basins and pipelines, well drilling, and well equipping and collection pipelines.

After a competitive written Request for Proposals process, the Board authorized an on-call construction management services agreement with Kennedy Jenks on November 30, 2021 which established the rate schedule for Construction Management Services for the High Desert Water Bank. The third construction package for the High Desert Water Bank which requires support under this agreement is the Stage 1 & Stage 2 Recharge System Improvements project which the Board awarded to Nicholas Construction on June 7, 2022.

Kennedy Jenks provided a scope of work and fee for Task Order 3 under the on-call master agreement. The scope includes typical construction management services necessary to keep the construction project on schedule, ensure construction is consistent with the plans and specifications, mitigate change orders, and document construction activities for reporting.

Kennedy Jenks’ proposed fee for these services is \$2,195,206 and was based upon the rates approved in the master agreement. This fee is within the typical range expected for a construction project with this level of complexity and coordination required.

Supporting Documents

- Staff presentation
- Kennedy Jenks Task Order 3 Scope of Work



April 22, 2022

Mr. Matthew Knudson
Assistant General Manager
Antelope Valley-East Kern Water Agency
6450 West Avenue N
Palmdale, CA 93551

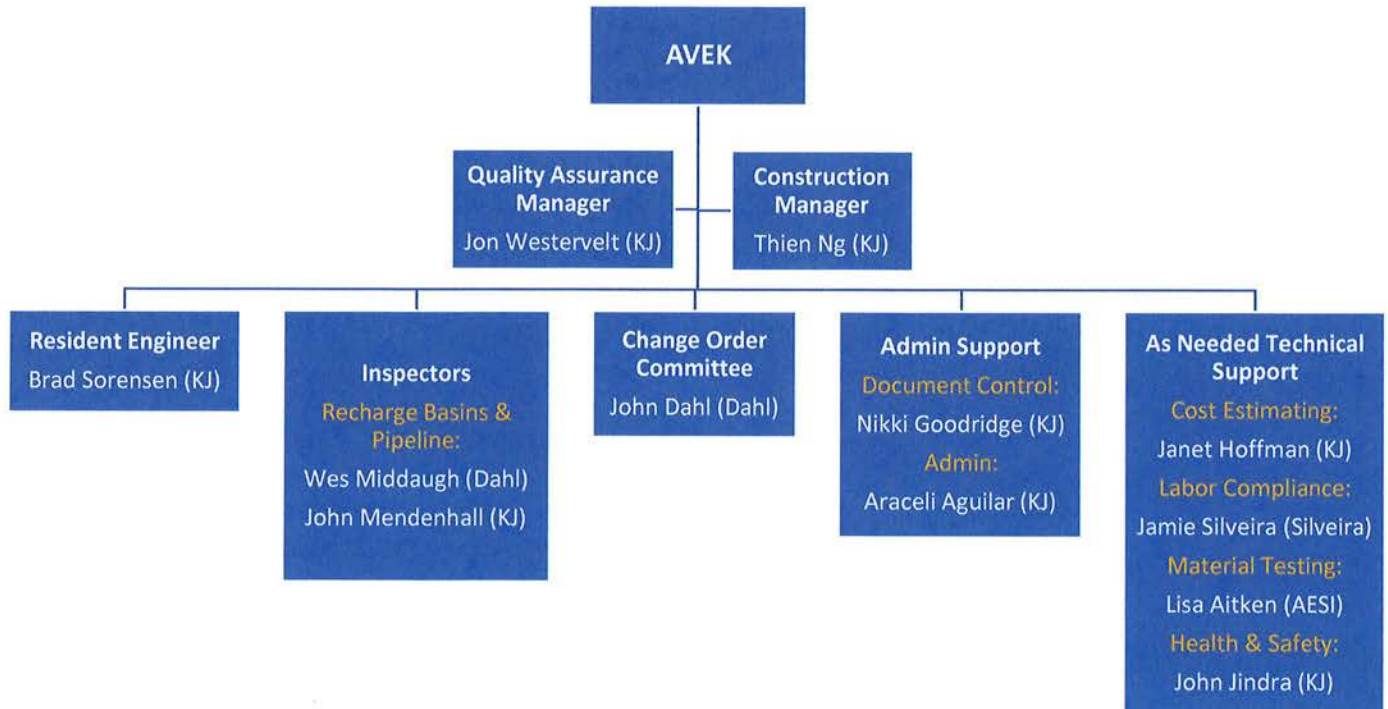
Subject: Proposal for AVEK – High Desert Water Bank (HDWB) Stage 1 and Stage 2 Recharge System Improvements Project Construction Management and Inspection Services (CMS) Task Order No. 3

Dear Mr. Knudson:

Kennedy/Jenks Consultants, Inc. (KJ) is pleased to submit our proposal to provide responsive, cost-effective CMS to support AVEK for upcoming High Desert Water Bank (HDWB) construction projects. This letter describes our proposal for providing CMS for the HDWB Stage 1 and Stage 2 Recharge System Improvements project. This task order will be executed under Professional Services Agreement No. C-21-53.

300 North Lake Avenue, Suite 1020 | Pasadena, CA 91106
(805) 209-5737 | ThienNg@kennedyjenks.com

Project Team



Scope of Work

Task 1. Preconstruction Services

1.1 Pre-Construction Meeting

KJ will conduct a Pre-Construction Meeting with AVEK, the Design Engineer, and Contractor following contract award and prior to contractor mobilization. The meeting will be at AVEK headquarters. KJ will prepare a meeting agenda five business days in advance of the meeting and submit the agenda to AVEK for review and comment. KJ will distribute meeting minutes to all attendees within three business days of the meeting.

Deliverables:

- Prepare and distribute meeting agenda
- Prepare and distribute meeting minutes

1.2 Pre-Construction Survey

KJ will perform a pre-construction site video survey and photograph with Contractor prior to the Contractor mobilization. The video survey will document the existing condition of all areas impacted by the Project work, including staging areas, storage areas, nearby existing structures, paved surfaces, and vegetation. In addition to the video survey, KJ will take digital photographs as necessary to document the existing site conditions. Photographs will be uploaded to the electronic document control system and the entire pre-construction survey shall be submitted to AVEK in DVD format within three business days.

Deliverables:

- Pre-construction survey video and photographs in DVD format

1.3 Pre-Construction Scheduling Meeting

KJ will conduct Pre-Construction Scheduling Meeting (virtual) with AVEK, Design Engineer, and Contractor. The scheduling specification requirements, format of the construction schedule, and schedule of values will be discussed at the meeting. The objective of the Pre-Construction Scheduling Meeting is to facilitate timely submittal, review, and approval of the Contractor's Baseline Schedule with as few resubmittals as possible. KJ will prepare an agenda five business days in advance of the meeting and submit it to AVEK for review and comment. KJ will transmit meeting minutes to all attendees within three business days of the meeting.

Deliverables:

- Prepare and distribute meeting agenda
- Prepare and distribute meeting minutes

1.4 Quality Assurance Plan

The Contractor is required to employ the means and methods and quality to achieve the contractual quality requirements. KJ will update Quality Assurance (QA) Plan prepared for Task Order No. 1 with a comprehensive, systematic approach to verify that all elements of the Project are delivered in accordance with the contract documents. The Plan will include QA policies and procedures for all onsite construction work, offsite fabrication of equipment and materials, and startup and commissioning activities. KJ will submit a draft, and final QA Plan and the final accepted Plan shall be updated as the Project progresses.

Deliverables:

- Prepare and distribute draft and final QA Plan

1.5 KJ Safety Plan

KJ will update Hazard Appraisal and Recognition Plan (HARP) prepared for Task Order No. 2 with project specific site contacts, job hazard analyses, incident reporting, and general KJ safety procedures and processes and distribute to AVEK. This HARP is specific to the KJ CM team and is separate from the Contractor required safety program.

Deliverables:

- Prepare and distribute HARP

Task 2. Construction Phase Services

2.1 Project Management

KJ will manage and submit monthly invoices in an efficient and timely manner and in accordance with the agreement. Each KJ monthly invoice will be in pdf format for each billing period.

Deliverables:

- Prepare and submit monthly invoices

2.2 Biweekly Project Progress Meeting

KJ will facilitate biweekly Project Progress Meeting (virtual) with AVEK, the Design Engineer, Contractor, and applicable project stakeholders. KJ will prepare the meeting agenda in advance of the meeting and transmit meeting minutes to all attendees within two business days. KJ will utilize AVEK's standard meeting summaries template or approved equal. Meeting agenda and minutes will be prepared and distributed through the electronic document control system (Procore).

Deliverables:

- Prepare and distribute meeting agenda
- Prepare and distribute meeting minutes

2.3 Project Correspondence and Communication

KJ will establish a communication protocol with all project stakeholders at the commencement of the Project. KJ will provide written correspondence to the Contractor as necessary to manage the Project in an efficient and timely manner and in accordance with the contract documents. All Project correspondence and documentation shall be issued through the electronic document control system.

Deliverables:

- Prepare and distribute correspondence

2.4 Electronic Document Control System

KJ will develop and maintain an electronic document control system (Procore) to manage and track all Project documentation including, at a minimum, contract plans and specifications, correspondence, meeting agendas, meeting minutes, submittals, shop drawings, requests for information (RFIs), contract document clarifications (CDCs), potential change orders, change orders, field directives, daily reports, and photographs. The document control system will be accessible by AVEK, the Design Engineer, and the contractor. KJ will facilitate separate Procore training session the contractor. The document control system will be capable of generating logs for submittals, RFIs and change orders. Upon completion of the Project, all documentation uploaded to the document control system will be

neatly organized in a project archive with a standard and uniform file naming convention and shall be transmitted in a format acceptable to AVEK. AVEK reserves the right to request that KJ utilize an alternate document control system that meets the Agency's requirements.

Deliverables:

- Project document system (Procore) development and maintenance
- Project document system (Procore) training
- Final document archive delivery

2.5 Submittal Review

KJ will coordinate the submittal/shop drawing review process and route all transmittals to the appropriate reviewer(s) (e.g., Construction Manager, Design Engineer, AVEK, etc.). KJ will maintain a log to track the status and review the action of all submittals. KJ will verify that all submittals required by the contract documents have been submitted by the contractor. KJ is responsible for reviewing the contract documents and identifying the submittals for which it is responsible for reviewing. KJ will maintain a neatly organized electronic system with PDF copies of all submittals.

Deliverables:

- Prepare and distribute submittal log during biweekly progress meeting
- Prepare and distribute submittal review comments

2.6 Request for Information (RFIs)/Request for Clarification (RFCs)

KJ will coordinate the RFI/RFC review process and route all RFIs/RFCs to the appropriate reviewer (e.g., Construction Manager, Design Engineer, AVEK, etc.). KJ will maintain a log to track the status of all RFIs and RFCs. KJ will maintain a neatly organized electronic system with PDF copies of all RFIs/RFCs.

Deliverables:

- Prepare and distribute RFI response
- Prepare and distribute RFI log during biweekly progress meeting

2.7 Schedule Review

KJ will review and approve the contractor's Baseline Schedule, weekly look-ahead schedules, monthly schedule updates, recovery schedules and time impact analyses (TIAs). KJ will submit its schedule review procedures to AVEK's Project Manager for review and approval.

Deliverables:

- Prepare and submit schedule review procedures for approval
- Prepare and distribute schedule review comments

2.8 Change Management

KJ will establish and implement a change management procedure, including management of the change order process and reviewing, negotiating and responding to proposed change orders (PCOs) from the contractor. KJ will implement a proactive approach to minimize change orders to the extent possible. KJ will facilitate change order meetings with AVEK and the contractor as needed for the review and negotiation of PCOs and preparation of change order packages. Responses to change order requests shall be provided in accordance with the contract documents. All negotiated change orders shall be reviewed and approved by AVEK's Project Manager. KJ will monitor and verify the performance of the authorized change order work.

Deliverables:

- Implement change management procedure
- Establish change order review committee
- Prepare and distribute change order log as needed prior to change order meetings
- Prepare and submit recommended change order package to AVEK

2.9 Claims Management

KJ will manage and respond to all claims and notices of potential claim from the construction contractor in a timely manner. KJ will prepare a formal written analysis of the validity of each potential claim and provide a recommendation regarding entitlement and resolution to AVEK's Project Manager. KJ will coordinate the resolution of conflicts and discrepancies in the plans and specifications, construction issues, and proposed field changes due to unforeseen conditions.

Deliverables:

- Prepare and submit formal claim written analysis and recommendation to AVEK

2.10 Inspection

KJ will provide both on- and off-site inspection services to verify that the contractor's work is performed in compliance with the contract documents, industry standards and applicable codes, environmental and local regulations, and construction permits. Inspection services shall consist of structural, civil, mechanical, electrical, instrumentation and controls, material inspection, quality control and assurance, materials testing, and special inspection coordination. KJ will document the contractor's daily activities with a daily construction report using AVEK's standard template or approved alternative. Daily construction reports shall be filed each day. KJ will take color photographs of construction activities on a daily basis. Daily construction reports and progress photos shall be neatly organized and incorporated into the KJ's (Procore) electronic filing system.

Deliverables:

- Prepare and submit daily construction reports and progress photos in electronic filing system (Procore)



2.11 Material Testing/Specialty Inspection

KJ will provide material testing/special inspection, including as-needed rebar test (specification 03 21 00), as-needed drill and epoxy inspection (specification 05 05 19), and coating holidays tests (specification 33 92 10). KJ also included one pipe factory test, including inspection at the pipe manufacturer.

The Contractor is responsible for concrete testing (specification 03 21 00), controlled low strength material testing (specification 03 34 00), grout testing (specification 03 60 00), steel pipe welding (specification 33 92 10), soils backfill compaction testing (specification 31 30 00), and RCP pipe welded joint (specification 33 90 20).

KJ will develop and maintain reports and results of inspection and material testing services to compliance with the contract documents.

Deliverables:

- Prepare and distribute materials testing reports and results with daily inspection reports

2.12 Schedule of Values

KJ will review and approve the Schedule of Values submitted by the Contractor at the commencement of the Project. KJ will verify that the Schedule of Values contains sufficient detail to track the progress of the work and to facilitate approval of the Contractor's monthly progress payment applications.

Deliverables:

- Prepare and distribute schedule of values review comments

2.13 Progress Payments

KJ will review and approve the Contractor's monthly progress payment requests. KJ will verify that all supporting documentation (redlined drawings and certified payrolls) and releases have been provided before transmitting the pay application to AVEK's Project Manager for review and approval.

Deliverables:

- Prepare and submit recommended monthly progress payment

2.14 Permits

KJ will verify that the Contractor has obtained all permits necessary for the performance of the work and that all permit conditions are met by the contractor. KJ will verify that the Contractor submits timely requests for inspection and permit sign-offs from agencies having jurisdiction. KJ will monitor the contractor's traffic control system to verify the traffic control is properly installed and maintained in accordance with the contract documents.

Deliverables:

- None

2.15 Safety

Construction safety is the responsibility of the Contractor. KJ will be an active participant in monitoring the Contractor's compliance with its safety program. KJ will promptly notify the Contractor and AVEK of any observed safety violations.

Deliverables:

- None

2.16 Monthly Report

KJ will prepare monthly progress reports documenting the status of the project budget (construction contractor and construction manager), project schedule, potential project issues and all work performed during the reporting period (e.g., number of RFIs and submittals reviewed, number of meetings attended, construction photos, etc.). One report will be for AVEK's project manager and the other for the AVEK Committee and Board meetings. Monthly report will be per AVEK standard template. The monthly report shall be submitted with the monthly invoice statement.

Deliverables:

- Prepare and submit monthly report along with monthly invoice statement

2.17 Record Drawings

KJ will review the Contractor's record drawings on a weekly basis to verify that the drawings are up to date and accurate. KJ will review the Contractor's record drawings at the end of each month prior to approving the Contractor's monthly progress payment request. KJ will also maintain an independent set of record drawings in its office.

Deliverables:

- None

2.18 Certified Payroll

KJ will review the construction contractor's certified payroll to verify compliance with prevailing wage requirements as set forth by the California Department of Industrial Relations. The Contractor is responsible to submit its certified payrolls to the DIR monthly. KJ will submit required records documenting inspector hours worked to the DIR monthly.

Deliverables:

- None



2.19 Startup and Commissioning

KJ will coordinate with AVEK, the Contractor, and the Design Engineer to develop a comprehensive start-up plan. KJ will coordinate with all project stakeholders to successfully start-up and commission the project improvement. KJ will verify that all startup, testing and commissioning activities have been properly performed, accepted and thoroughly documented before the Notice of Substantial Completion is issued.

Deliverables:

- Prepare and distribute startup plan review comments

Task 3. Project Close-Out

3.1 Punch List

KJ will coordinate with AVEK, the Design Engineer, and the Contractor to prepare punch lists for outstanding items of work, including all documentation and submittals required by the contract documents, upon Substantial Completion of the Project. KJ will be prepared to assign cost values for outstanding punch list items to facilitate prompt and timely close-out of the Project and release of retention. KJ will verify that all punch list items have been addressed to the satisfaction of AVEK.

Deliverables:

- Prepare and distribute punch list log during biweekly progress meeting

3.2 Record Drawings

KJ will review the Contractor's final redlined drawings to verify that the drawings are accurate and complete with all field changes. KJ will certify the accuracy of the final redlined drawing set before final payment is approved and before the redlined drawings are transmitted to the Design Engineer for incorporation into AutoCAD. KJ will transmit the final redlined drawings to the Design Engineer within 1 week of receipt from the contractor to facilitate preparation of record drawings. KJ will transmit both hard copies and electronic copies (PDF Format) of the Contractor's redlined drawings to AVEK and Design Engineer.

Deliverables:

- Transmit final redlined drawings to the Design Engineer and AVEK

3.3 Warranty/O&M Manuals

KJ will review and verify warranties and guarantees are submitted by the Contractor as specified in the contract documents. KJ will coordinate with AVEK to verify that proper operations and maintenance manuals and any training materials have been provided in accordance with the contract documents.

Deliverables:

- None



3.4 Final Payment

KJ will reconcile all contract Bid Items, change order work and outstanding punch list items in the preparation of the final payment to the Contractor.

Deliverables:

- Prepare and submit recommended final payment to AVEK

3.5 Close-Out Report

KJ will prepare a Close-Out Report consisting of a summary of the Project construction, key issues, lessons learned, change summary, schedule summary, as-built schedule and recommendations for the management of future projects. KJ will include provisions to submit a draft and final Close-Out Report.

Deliverables:

- Prepare and submit Close-Out Report

3.6 Project File

At the conclusion of the Project, KJ will transmit all Project-related documentation to AVEK's Project Manager. An electronic version in PDF format will be maintained throughout the duration of the Project and transmitted to AVEK. The Project file will be neatly organized, and all files will be accurately titled and labeled to facilitate ease of access by AVEK staff. KJ will present the Project file structure to the AVEK Project Manager when transmitted.

Deliverables:

- Submit electronic project filing (Procore) to AVEK
- Present project file structure

Assumptions:

- All inspections will be within the project limits.
- Contractor will be solely responsible for site safety at the project site and shall provide its own safety program and safety officer to oversee the program. Contractor's safety program shall be adhered to by all contractor personnel, all contractor subcontractor personnel, all contractor suppliers', manufacturers', fabricators and delivery personnel visiting and/or performing Work on the project site.
- Construction schedule will be from mid-June 2022 to early July 2024.

Fee Estimate

KJ proposes to perform the services described above on a time and materials basis in the not to exceed amount of \$2,195,206 in accordance with the enclosed fee proposal presented in Appendix A.

The HDWB Stage 1 and Stage 2 Recharge Basin Improvements construction duration will overlap with Aqueduct Turnout/Turn-in and Well Drilling Package 2 projects from June to December 2022. Staffing efficiencies for covering all the concurrent HDWB construction projects are as follows:

- Labor compliance: KJ will conduct monthly field labor verification for 3 projects in one trip to optimize cost. The cost saving is about \$4,000.
- Resident Engineering and Inspection: KJ will utilize the same construction team for the HDWB Aqueduct Turnout/Turn-in, Well Drilling Package 2, and Stage 1 Stage 2 Recharge System Improvements projects. This approach will maximum CMS efficiency and optimize cost. The cost saving is about \$140,000.
- Change Order Committee: KJ budgeted \$80,000 for change order and claim evaluations. However, we will not utilize the budgeted amount unless it is necessary.
- The overall cost savings with the staffing efficiencies about \$144,000.

The combined budget for CM Task Orders 1 through 3 is \$2,662,438 and represents about 4.9% of the total estimated construction cost for these construction packages. Based on the current project schedule and the anticipated staffing needs, we project to stay within the total CM budget of \$5 million for the total project.

Very truly yours,
Kennedy/Jenks Consultants, Inc.



Jon Westervelt, P.E.
Director of Construction Management



Thien Ng, P.E.
Construction Manager

Proposal Fee Estimate



CLIENT Name: Antelope Valley-East Kern Water Agency
 PROJECT Description: Appendix A -HDWB Stage 1 and Stage 2 Recharge System Improvements
Project CMS Task Order No. 3
 Proposal/Job Number: _____ Date: _____

January 1, 2022 Rates	Director of Construction Management Construction Manager	Resident Engineer	Site Inspector	Startup & Commission	Safety Officer	Cost Estimating	Project Controls	Admin. Asst.	Total	KJ Labor	KJ AESI	Sub Dahl	Sub Clear Controls	Sub Silveira -Labor Compliance	KJ Sub-Markup	KJ ODCs	KJ ODCs Markup	Total Labor	Total Subs	Total Expenses	Total Labor + Subs + Expenses	
Classification:	Director of Construction Management Construction Manager	Resident Engineer	Site Inspector	Startup & Commission	Safety Officer	Cost Estimating	Project Controls	Admin. Asst.	Total	KJ Labor	KJ AESI	Sub Dahl	Sub Clear Controls	Sub Silveira -Labor Compliance	KJ Sub-Markup	KJ ODCs	KJ ODCs Markup	Total Labor	Total Subs	Total Expenses	Total Labor + Subs + Expenses	
Hourly Rate:	\$275	\$214	\$189	\$185	\$189	\$184	\$163	\$120	\$100	Hours	Fees	Fees	Fees	Fees	Fees	\$%	Fees	0%	Total Labor	Total Subs	Total Expenses	Total Labor + Subs + Expenses
Task 1 - Preconstruction Services																						
1.1 Pre-Construction Meeting		2	12	2					16	\$3,066					\$0		\$0	\$3,066	\$ -	\$0	\$3,066	
1.2 Pre-Construction Survey			12						12	\$2,268					\$0		\$0	\$2,268	\$ -	\$0	\$2,268	
1.3 Pre-Construction Scheduling Meeting		2	12						14	\$2,696					\$0		\$0	\$2,696	\$ -	\$0	\$2,696	
1.4 Quality Assurance Plan	2	2	8						12	\$2,490					\$0		\$0	\$2,490	\$ -	\$0	\$2,490	
1.5 KJ Safety Plan			8			8			16	\$2,984					\$0		\$0	\$2,984	\$ -	\$0	\$2,984	
Task 1 - Subtotal	2	6	52	2	-	8	-	-	70	\$13,504	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,504	\$0	\$0	\$13,504	
Task 2 - Construction Phase Services																						
2.1 Project Management	9	120	240					41	410	\$77,615					\$0		\$0	\$77,615	\$ -	\$0	\$77,615	
2.2 Biweekly Project Progress Meeting		80	360	80					520	\$99,960		\$10,400			\$520	\$1,500	\$0	\$99,960	\$10,920	\$1,500	\$112,380	
2.3 Project Correspondence and Communication		80	400						480	\$92,720					\$0		\$0	\$92,720	\$ -	\$0	\$92,720	
2.4 Electronic Document Control System			120				60		180	\$29,880					\$0	\$48,000	\$0	\$29,880	\$ -	\$48,000	\$77,880	
2.5 Submittal Review			240						240	\$45,360					\$0		\$0	\$45,360	\$ -	\$0	\$45,360	
2.6 Request for Information (RFIs)/Request for Clarification (RFC)s			360						360	\$68,040					\$0		\$0	\$68,040	\$ -	\$0	\$68,040	
2.7 Schedule Review		24	360						384	\$73,176			\$13,114		\$656		\$0	\$73,176	\$13,769	\$0	\$86,945	
2.8 Change Management	8	24	120			80			232	\$43,056		\$80,000			\$4,000		\$0	\$43,056	\$84,000	\$0	\$127,056	
2.9 Claims Management		16	80						96	\$18,544					\$0		\$0	\$18,544	\$ -	\$0	\$18,544	
2.10 Inspection				3,010					3,010	\$556,850		\$391,162			\$19,558	\$77,552	\$0	\$556,850	\$410,720	\$77,552	\$1,045,122	
2.11 Material testing/Specialty Inspection			40						40	\$7,560	\$25,000				\$1,250	\$5,000	\$0	\$7,560	\$26,250	\$5,000	\$38,810	
2.12 Schedule of Values		4	24						28	\$5,392					\$0		\$0	\$5,392	\$ -	\$0	\$5,392	
2.13 Progress Payments			360	80					440	\$82,840					\$0		\$0	\$82,840	\$ -	\$0	\$82,840	
2.14 Permits			8						8	\$1,512					\$0		\$0	\$1,512	\$ -	\$0	\$1,512	
2.15 Safety			80						80	\$15,120					\$0		\$0	\$15,120	\$ -	\$0	\$15,120	
2.16 Monthly Report		28	240						268	\$51,352					\$0		\$0	\$51,352	\$ -	\$0	\$51,352	
2.17 Record Drawings			80	120					200	\$37,320					\$0		\$0	\$37,320	\$ -	\$0	\$37,320	
2.18 Certified Payroll			20						20	\$3,780				\$55,293	\$2,765		\$0	\$3,780	\$58,058	\$0	\$61,838	
2.19 Startup and Commissioning		24				120			144	\$27,816					\$0		\$0	\$27,816	\$0	\$0	\$27,816	
Task 2 - Subtotal	17	400	3,132	3,290	120	-	80	60	41	7,140	\$1,337,893	\$25,000	\$481,562	\$13,114	\$55,293	\$28,748	\$132,052	\$1,337,893	\$603,717	\$132,052	\$2,073,662	
Task 3 - Project Closeout																						
3.1 Punch List			40	240					280	\$51,960					\$0		\$0	\$51,960	\$0	\$0	\$51,960	
3.2 Record Drawings			40	40					80	\$14,960					\$0		\$0	\$14,960	\$0	\$0	\$14,960	
3.3 Warranty/O&M Manuals		4	24	40					68	\$12,792					\$0		\$0	\$12,792	\$0	\$0	\$12,792	
3.4 Final Payment		4	24						28	\$5,392					\$0		\$0	\$5,392	\$0	\$0	\$5,392	
3.5 Closeout Report		4	40	24					68	\$12,856					\$0		\$0	\$12,856	\$0	\$0	\$12,856	
3.6 Project File			40					21	61	\$10,080					\$0		\$0	\$10,080	\$0	\$0	\$10,080	
Task 3 - Subtotal	-	12	208	344	-	-	-	21	-	585	\$108,040	\$0	\$0	\$0	\$0	\$0	\$0	\$108,040	\$0	\$0	\$108,040	
All Tasks Total	19	418	3,392	3,636	120	8	80	81	41	7,795	\$1,459,437	\$25,000	\$481,562	\$13,114	\$55,293	\$28,748	\$132,052	\$1,459,437	\$603,717	\$132,052	\$2,195,206	

RECOMMENDED BOARD ORDER 8(c-1)

To the Board of Directors

FOR BOARD ACTION

**ADOPT RESOLUTION R-22-16; PROVIDING FOR THE DISPOSITION
OF BANKED/STORED WATER**

The Board of Directors adopted the following board order on June 28, 2022:

To adopt Resolution No. R-22-16 providing for the disposition of banked/stored water in consideration of receipt of replacement water assessment proceeds as presented and recommended by staff and the Watermaster Committee.

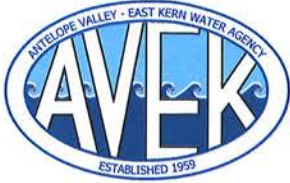
Motion by _____

Second by _____

Carried _____

BOARD ORDER 8(c-1)

06-28-22



STAFF REPORT

To: Board of Directors

Date: June 20, 2022

From: Dwayne Chisam, General Manager

Prepared By: Matthew Knudson, AGM *M.K.*

Subject: Consideration and possible action on Resolution No. R-22-16 being a resolution providing for the disposition of banked/stored water in consideration of receipt of Replacement Water Assessments proceeds

Recommendation:

The Watermaster Committee and staff recommend that the Board approve the following:

- 1) Approve Resolution No. R-22-16, being a Resolution of the Board providing for the disposition of banked/stored water in consideration of receipt of replacement water assessment proceeds.

Background:

In October 2019, the Watermaster and Antelope Valley State Water Contractors Association (AVSWCA) entered into an agreement that establishes the process and procedure for the AVSWCA's member agencies to provide Replacement Water to the Watermaster.

Then attached letter from the AVSWCA to the Watermaster documents the plan for AVEK to deduct 1,451.99 acre-feet of banked water that is stored at the Westside Water Bank in exchange for payment in the amount of \$1,242,165.01 from the AVSWCA. The water stored and being deducted from AVEK's Westside Water Bank already factored in the 10% loss or leave behind.

Supporting Documents:

- Resolution No. R-22-16
- Replacement Water Plan and Location Map approved by the Watermaster

RESOLUTION NO. R-22-16

A RESOLUTION OF THE BOARD OF DIRECTORS OF ANTELOPE VALLEY-EAST KERN WATER AGENCY (“AVEK”) PROVIDING FOR THE DISPOSITION OF BANKED/STORED WATER IN CONSIDERATION OF ITS RECEIPT OF REPLACEMENT WATER ASSESSMENT PROCEEDS

WHEREAS, the Watermaster established in the Judgment entered in the Antelope Valley Groundwater Adjudication (Santa Clara County Superior Court Case No. 1-05-CV-049053); and

WHEREAS, Watermaster entered into an Agreement with Antelope Valley State Water Contractors Association (“the Association”) to provide Replacement Water; and

WHEREAS, assessments paid to Watermaster due to groundwater pumping in excess of established water rights would in turn be paid to the Association; and

WHEREAS, the Association determined Replacement Water quantities within and outside the Association’s physical boundaries, based on the location of the excess groundwater production, or on the proportionate share as mutually agreed by the Association and its constituent members; and

WHEREAS, the Association is required to pay AVEK for Replacement Water to be used to recharge the Basin at a specific location which AVEK identified with consultation of the Watermaster; and

WHEREAS, AVEK is required to recharge the Basin as soon as is practicable upon receiving the Replacement Water assessment proceeds; and

WHEREAS, to date, the Association has received \$1,242,165.01 of those assessments based upon 1,451.99 acre-feet of production by Parties in excess of their production rights at locations within AVEK’s jurisdictional boundaries; and

WHEREAS, AVEK and Watermaster have concluded that the location of AVEK’s Westside Water Bank is an appropriate recharge location for the 1,451.99 acre-feet referred to above through the application of previously stored imported water.

NOW, THEREFORE BE IT RESOLVED THAT, AVEK’s Board of Directors does hereby find:

1. The facts stated in the Recitals of this Resolution are true and correct.
2. 1,451.99 acre-feet of water now stored at the AVEK Westside Water Bank hereby is deducted from the total of water in storage at the Westside Water Bank, thereby recharging the Antelope Valley Groundwater Basin.

ADOPTED this 28th day of June 2022.

Keith Dyas, President of the Board of
Directors of Antelope Valley-East Kern Water Agency

ATTEST:

Secretary of the Board of Directors
of Antelope Valley-East Kern Water Agency



COMMISSIONERS

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

OFFICERS

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

May 6, 2022

Antelope Valley Watermaster Board
 Attn: Mr. Robert Parris
 P.O. Box 3025
 Quartz Hill, Ca 93586

RE: REPLACEMENT WATER FOR ANTELOPE VALLEY WATERMASTER

Dear Mr. Parris:

The Antelope Valley State Water Contractors Association (Association) is prepared to receive Replacement Water Assessment (RWA) fees from the Watermaster for excess production occurring between 2017 and 2020 from the following Parties to the Judgement:

Producer	Year Assessed	AF Assessed	\$/AF Assessed	Payment Received	Subarea	In/Out AVSWCA
AV Joint Union High School District	2020	58.63	\$486	\$28,494.18	Central	In
LA Cosepa Church	2017	16.5	\$415	\$6,847.50	South East	In
LA Cosepa Church	2018	27.4	\$415	\$11,371.00	South East	In
LA Cosepa Church	2019	28.3	\$451	\$12,763.30	South East	In
LA Cosepa Church	2020	29.2	\$486	\$14,191.20	South East	In
Phelan Pinon Hills CSD	2016	770.63	\$888	\$684,319.44	South East	Out
Phelan Pinon Hills CSD	2017	385.18	\$896	\$345,121.28	South East	Out
Phelan Pinon Hills CSD	2018	176.83	\$914	\$161,622.62	South East	Out
Phelan Pinon Hills CSD	2019	3.16	\$948	\$2,995.68	South East	Out
Phelan Pinon Hills CSD	2020	166.66	\$989	\$164,826.74	South East	Out

Association staff has determined that the excess pumping of AV Joint Union High School District and La Cosepa Church has occurred within the Antelope Valley East Kern Water Agency (AVEK) service area, while the Phelan Pinon Hills CSD pumping occurred outside of the Association's agencies boundaries. The member agencies of the Association have agreed to supply replacement water for excess pumping per the Agreement between the Association and the Watermaster dated October 23, 2019. AVEK will be responsible for 160.03 acre-feet of replacement water for excess pumping that occurred in its service area. The remaining 1,502.46 acre-feet of excess pumping outside of the Association's service area will be split as follows: AVEK 1,291.96 acre-feet,

c/o Palmdale Water District, 2029 East Avenue Q, Palmdale, CA 93550, 661-947-4111 x1059

Palmdale Water District (PWD) 189.99 acre-feet and Littlerock Creek Irrigation District (LCID) 20.51 acre-feet. It is the recommendation of the respective agencies that the replacement water be deducted from previously stored imported water. AVEK has requested that the Watermaster deduct the full 1,451.99 acre-feet from its Westside Water Bank and both PWD and LCID have requested that their portions be deducted from water stored at the State Water Project Recharge site.

Upon Board approval of this plan, summarized in the table below, the Association and its represented agencies authorize the Watermaster Engineer to make the recommended deductions.

Agency Supplying Replacement Water	AF Replaced	Payment to Agency	Recharge Facility	Subarea of Recharge Facility	Deduction/Delivery AVSWCA
Antelope Valley East Kern Water Agency	1,451.99	\$1,242,165.01	Westside Water Bank	Central	Deduction
Palmdale Water District	189.99	\$171,833.17	State Water Recharge Site	South East	Deduction
Littlerock Creek Irrigation District	20.51	\$18,554.76	State Water Recharge Site	South East	Deduction
Totals	1,662.49	\$1,432,552.94			

The Association wishes to note that these RWA fees and replacement water only cover the excess production of Parties who have paid their RWA. A complete accounting of Replacement Water obligations can be found in Appendix E and Appendix B Table B-4 of the Watermaster’s annual report. A map showing the location of the excess pumping and water storage sites has been attached for your information.

Respectfully,

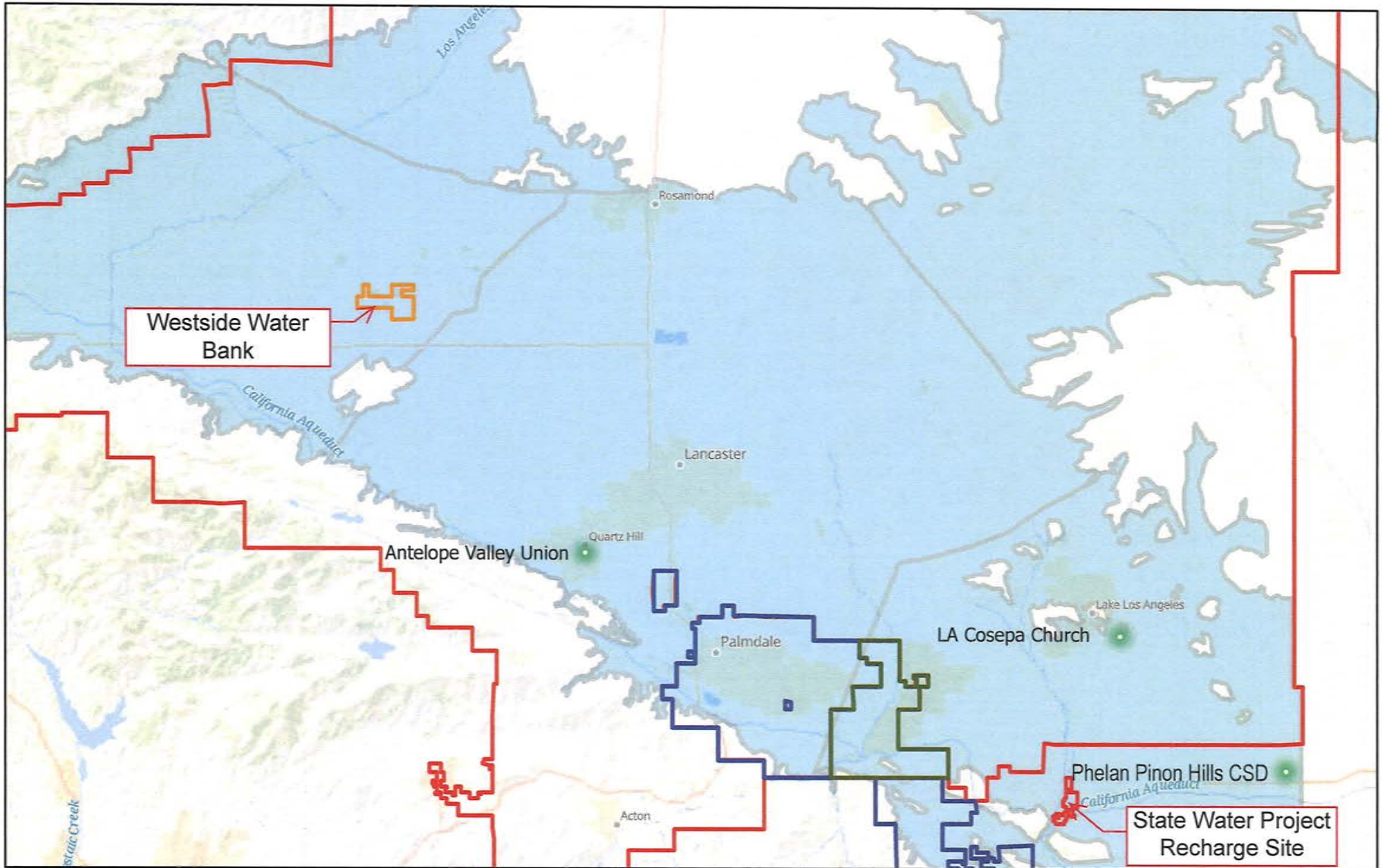


Peter Thompson II,
 General Manager
 Antelope Valley State Water Contractors Association

PT

Antelope Valley Watermaster Board
 Attn: Mr. Robert Parris
 RE: REPLACEMENT WATER FOR AV WATERMASTER

Replacement Water Obligations



- LCID Service Area Boundary
- AVEK Service Area Boundary
- PWD Service Area Boundary
- AV Watermaster Subareas
- Westside Water Bank
- Paid Replacement Water Assessments

RECOMMENDED BOARD ORDER 8(d-1)

To the Board of Directors

FOR BOARD ACTION

**ADOPT RESOLUTION R-22-17 APPROVING THE AVSWCA
BUDGET FOR FISCAL YEAR 2022/2023**

The Board of Directors adopted the following board order on June 28, 2022:

To adopt Resolution No. R-22-17, approving the Antelope Valley State Water Contractors Association (AVSWCA) budget for Fiscal Year 2022/2023, including a \$_____ contribution from AVEK Water Agency, as presented, budgeted, and recommended.

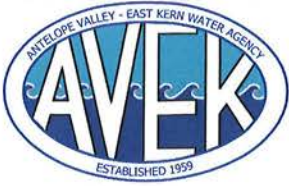
Motion by _____

Second by _____

Carried _____

BOARD ORDER 8(d-1)

06-28-22



STAFF REPORT

To: Board of Directors

Date: June 21, 2022

From: Dwayne Chisam, General Manager

Prepared By: Matthew Knudson, AGM *m.k.*

Subject: Resolution No. R-22-17; AVSWCA FY 2022/2023 Budget

Meeting Date: June 28, 2022 Agenda Item: 8(d-1) Attachment(s): YES NO

Recommendation:

The Planning Committee and staff recommend that the Board:

- 1) Approve Resolution No. R-22-17; Approving the Antelope Valley State Water Contractors Association (AVSWCA) Budget for Fiscal Year 2022/2023.

Background:

The Commissioners for the AVSWCA approved the USGS budget for Fiscal Year 2022/2023 at their June 9, 2022 meeting. Per the Joint Powers Agreement that created the AVSWCA, the governing body of each member agency must also approve the budget. The budget is then deemed effective upon receipt by the AVSWCA of certified copies of the approving resolution from each member agency.

The Expenditure side for General Operating Funds categories include:

- Insurance: Liability insurance for the Association obtained through ACWA/JPIA
- Memberships: Membership in ACWA
- Miscellaneous: Includes all miscellaneous expenses not covered in other Association accounts (business cards, meals, etc.)
- Outreach: Includes the website, possible purchase of a tabletop display, promotional items, and event fees
- Contract Services: (Administration): Services provided by AVEK and PWD
- Contract Services: (General): Covers A.V. Fair Conservation Garden annual maintenance fee and Home & Garden Show/SMART Water Expo and related expenses.
- Contract Services: (Audit): Covers the outside review of financials for prior year close.

Per the Bylaws of the Association, the first \$30,000.00 of member agency contributions is split evenly to cover General Operating Costs. Therefore, it is recommended that each of the three member agencies contribute \$10,000.00 in Fiscal Year 2022/2023 to the Association's General Operating Fund to cover the proposed 2022/2023 General Operating Costs.

The AVSWCA also approved continued cost sharing support of the USGS (Program) to monitor groundwater elevations and water quality within the basin. The current cost shares for this Program are as follows: AVSWCA = 50%, AVIRWM = 25%, and the Antelope Valley Watermaster = 25%.

The AVSWCA's cost share of this Program for 2021/2022 and 2022/2023 is \$72,000.00. Based on the current policy to use State Water Project Table "A" percentages to determine the split among the member agencies, the \$72,000.00 will be split as follows:

AVEK:	\$ 61,704.00 (85.7%)
PWD:	\$ 9,288.00 (12.9%)
LCID:	\$ 1,008.00 (1.4%)
Total =	\$ 72,000.00

Budget:

AVEK's approved FY 2021/2022 Budget includes \$30,852.00 to cover AVEK's share of the FY 2021/2022 USGS Costs and AVEK's proposed FY 2022/2023 Budget will include the \$40,852.00 to cover AVEK's share of the AVSWCA's

Supporting Documents:

- Resolution No. R-22-17

RESOLUTION NO. R-22-17

**RESOLUTION OF THE BOARD OF DIRECTORS OF THE ANTELOPE
VALLEY-EAST KERN WATER AGENCY APPROVING
ANTELOPE VALLEY STATE WATER CONTRACTORS ASSOCIATION
BUDGET FOR FISCAL YEAR 2022/2023**

WHEREAS, the Antelope Valley-East Kern Water Agency, along with the Palmdale Water District and the Littlerock Creek Irrigation District, is a member agency of the Antelope Valley State Water Contractors Association formed by a Joint Powers Agreement dated May 26, 1999; and

WHEREAS, said Joint Powers Agreement provides for the formulation and adoption of a budget for the Antelope Valley State Water Contractors Association and approval of said budget by its members; and

WHEREAS, the Antelope Valley State Water Contractors Association unanimously adopted a budget for fiscal year 2022/2023 at their regular meeting held June 9, 2022, which included an allocation among the member agencies; and

WHEREAS, the Antelope Valley State Water Contractors Association unanimously adopted a restricted budget for fiscal year 2022/2023 at their regular meeting held June 9, 2022, which included funds for the USGS Groundwater Monitoring and California Statewide Groundwater Elevation Monitoring Program and for the Big Rock Creek Joint Groundwater Recharge Program.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the Antelope Valley-East Kern Water Agency hereby approves the fiscal year 2022/2023 budget and allocation of budgeted funds adopted by the Antelope Valley State Water Contractors Association.

I certify that this is a true copy of Resolution No. R-21-06 as passed by the Board of Directors of the Antelope Valley-East Kern Water Agency at its meeting held June 28, 2022 in Palmdale, California.

Date: June 28, 2022

Keith Dyas, President of the Board of
Directors of Antelope Valley-East Kern Water Agency

ATTEST:

Secretary of the Board of Directors
of Antelope Valley-East Kern Water Agency

ANTELOPE VALLEY STATE WATER CONTRACTORS ASSOCIATION

Proposed Budget - FY 2022/23

General Program Funds

	FY 2016/17 ACTUAL	FY 2017/18 ACTUAL	FY 2018/19 ACTUAL	FY 2019/20 ACTUAL	FY 2020/21 ACTUAL	FY 2021/22 PROPOSED BUDGET	FY 2021/22 PROJECTED YTD	FY 2022/23 PROPOSED BUDGET
Revenues:								
Member Contributions - General	\$ 64,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00
Member Contributions - Smart Water Expo/H&G Show			12,413.00	18,000.00	13,000.00	-	-	-
Member Contributions - AV Fair Conservation Garden			25,000.00	25,000.00	25,000.00	-	-	-
Interest Earnings	11.66	27.04	271.02	305.44	289.79	200.00	313.25	125.00
Revenue - Refund/Misc	5.00	-	-	-	-	-	-	-
Total Revenue	\$ 64,016.66	\$ 30,027.04	\$ 67,684.02	\$ 73,305.44	\$ 68,289.79	\$ 30,200.00	\$ 30,313.25	\$ 30,125.00
Expenditures:								
Insurance (ACWA/JPIA)	\$ 2,183.10	\$ 2,182.98	\$ 2,183.00	\$ 2,183.00	\$ 2,183.00	\$ 2,350.00	\$ 2,183.00	\$ 2,350.00
Memberships (ACWA)	2,510.00	2,635.00	3,165.00	3,680.00	3,715.00	3,750.00	4,265.00	4,400.00
Outreach (Web Site, Community Activities)	30,257.79	5,187.40	15,544.30	444.00	569.17	5,000.00	300.00	3,000.00
Miscellaneous (Bank Fees, Refreshments, Etc.)	-	-	-	-	-	500.00	-	500.00
Contract Services - Administration	17,046.49	13,413.28	18,518.43	11,209.30	16,279.97	12,000.00	15,400.00	15,000.00
Contract Services - General Projects	-	-	-	-	-	-	-	-
(A.V. Fair - Conservation Garden)				25,000.00	-	-	-	25,000.00
(Home & Garden Show/WaterSmart Expo)				10,000.00	-	-	-	-
(Rural Museum Sponsorship)				-	-	-	10,000.00	-
Contract Services - Financial Audit	2,000.00	2,000.00	2,500.00	2,500.00	2,500.00	5,000.00	2,500.00	3,500.00
Total Expenditures	\$ 53,997.38	\$ 25,418.66	\$ 41,910.73	\$ 55,016.30	\$ 25,247.14	\$ 28,600.00	\$ 34,648.00	\$ 53,750.00
Net Income (Loss)	\$ 10,019.28	\$ 4,608.38	\$ 25,773.29	\$ 18,289.14	\$ 43,042.65	\$ 1,600.00	\$ (4,334.75)	\$ (23,625.00)
						Member Contribution (General):		10,000.00
Additional Expenditures						AVEK Contribution =	\$	-
						PWD Contribution =		-
						LCID Contribution =		-
						Secondary Member Contribution (Table A basis):		\$
								-

ANTELOPE VALLEY STATE WATER CONTRACTORS ASSOCIATION

Proposed Budget - FY 2022/23 Restricted Funds - USGS/CASGEM Program

	FY 2018/19 ACTUAL	FY 2019/20 ACTUAL	FY 2020/21 ACTUAL	FY 2021/22 ACTUAL	FY 2022/23 PROPOSED BUDGET
Revenues:					
Member Contributions - USGS	\$ 31,800.00	\$ 32,450.00	\$ 34,171.00	\$ -	\$ 72,000.00
Contributions - Others (AVIRWMG/AV Watermaster)	15,900.00	32,750.00	-	17,085.50	18,000.00
Member Contributions - CASGEM	-	-	-	-	-
Total Revenue	<u>\$ 47,700.00</u>	<u>\$ 65,200.00</u>	<u>\$ 34,171.00</u>	<u>\$ 17,085.50</u>	<u>\$ 90,000.00</u>
Expenditures:					
Contract Services - USGS	\$ -	\$ -	\$ -	\$ -	\$ -
Contract Services - USGS (Prior Year)	21,200.00	21,633.34	21,833.34	51,256.50	54,000.00
Contract Services - USGS (New Year)	43,266.66	43,666.66	-	-	-
Contract Services - CASGEM	-	-	-	-	-
Total Expenditures	<u>\$ 64,466.66</u>	<u>\$ 65,300.00</u>	<u>\$ 21,833.34</u>	<u>\$ 51,256.50</u>	<u>\$ 54,000.00</u>
Net Income (Loss)	<u>\$ (16,766.66)</u>	<u>\$ (100.00)</u>	<u>\$ 12,337.66</u>	<u>\$ (34,171.00)</u>	<u>\$ 36,000.00</u>
					AVEK Contribution = \$ 61,704.00
					PWD Contribution = 9,288.00
					LCID Contribution = 1,008.00
					<u>\$ 72,000.00</u>

Prepared 6/8/2022

Cost Sharing Summary of USGS Program

USGS Contract Period	USGS Contract Held By	USGS Contract Amout	AVSWCA Share (50%)	AVEK's Share of AVSWCA (85.7%)	Date AVEK Paid to AVSWCA	AVIRWMG Share (25%)	AVIRWMG MOU	Watermaster Share (25%)
10/1/22 - 9/30/23	Watermaster	~\$72,000	\$36,000	\$30,852		\$18,000	2021	\$18,000
10/1/21 - 9/30/22	Watermaster	\$72,000	\$36,000	\$30,852		\$18,000	2021	\$18,000
11/1/20 - 9/30/21	Watermaster	\$68,342	\$34,171	\$29,285	3/1/2021	\$17,086	2021	\$17,086
11/1/19 - 10/31/20	AVSWCA	\$65,500	\$32,750	\$28,067	2/24/2020	\$16,375	2018	\$16,375
11/1/18 - 10/31/19	AVSWCA	\$64,900	\$32,450	\$27,810	7/22/2019	\$16,225	2018	\$16,226
11/1/17 - 10/31/18	AVSWCA	\$63,600	\$31,800	\$27,252	7/25/2018	\$15,900	2018	\$15,900

RECOMMENDED BOARD ORDER 8(d-2)

To the Board of Directors

FOR BOARD ACTION

ADOPT RESOLUTION R-22-18
FOR AGENCY'S LOCAL HAZARD MITIGATION PLAN

The Board of Directors adopted the following board order on June 28, 2022:

Adopting Resolution No. R-22-18 for the Agency's Local Hazard Mitigation Plan as presented and recommended by staff and the Planning Committee.

Motion by _____

Second by _____

Carried _____

BOARD ORDER 8(d-2)

06-28-22



STAFF REPORT

To: Board of Directors	Date: June 23, 2022
From: Dwayne Chisam, General Manager	Prepared By: Justin Livesay, Engineering Manager Matthew Knudson, AGM
Subject: Resolution to adopt the Agency's Local Hazard Mitigation Plan	
Meeting Dates: Planning Committee: June 16, 2022 and Board of Directors: June 28, 2022	
Agenda Item(s):	Attachment(s): <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

Staff Recommendation:

The Planning Committee and staff recommend the Board pass Resolution R-22-18 to adopt the Agency's first Local Hazard Mitigation Plan.

Summary:

On January 12, 2021 the Board awarded a contract to R.E. Patterson & Associates to prepare the Agency's first Local Hazard Mitigation Plan. Hazard mitigation is the effort to reduce loss of life and property by lessening the impact of disasters. Mitigation planning is the process used to understand risks from natural events and develop long-term strategies that will reduce the impacts of future events on people, property, and the environment. Together, these elements guide the development of Hazard Mitigation Plans which aim to guide the selection of projects that will reduce, or mitigate, future impacts of disasters to the local planning area.

The development of a Local Hazard Mitigation Plan was established as a pre-requisite for eligibility to receive certain types of non-emergency disaster assistance, such as grants, through the Hazard Mitigation Assistance Programs by the Disaster Mitigation Act of 2000. These assistance programs provide grant money to implement mitigation strategies identified within the Local Hazard Mitigation Plan (LHMP).

LHMPs are developed based on a process established by FEMA, who must also approve the plan. This process includes developing an internal planning team, community and stakeholder outreach, opportunities for public comment, risk assessment, development of mitigation strategies, and establishing a process to ensure the final plan is updated every five years.

R.E. Patterson & Associates developed the LHMP with input from a Technical Advisory Committee (TAC) comprised of AVEK staff members and a Public Advisory Committee (PAC) comprised of Agency stakeholders. The Agency held two Public Hearings and advertised the Plan for a 30-day period to receive comments from the public during the development of the LHMP. The Plan was then submitted to Cal-OES and for FEMA for review and comment. Their minor comments have been incorporated into the Local Hazard Mitigation Plan and as such, FEMA has issued a letter stating the plan is approved pending final adoption by the Agency.

Supporting Documents

- Resolution R-22-18
- Review Letter from FEMA – June 14, 2022



FEMA

June 14, 2022

Justin Livesay
Engineering Manager
Antelope Valley-East Kern Water Agency
6500 West Avenue N.
Palmdale, CA 93551

Dear Justin Livesay:

The Federal Emergency Management Agency (FEMA) has completed its review of the *Antelope Valley-East Kern Water Agency Local Hazard Mitigation Plan 2022* and has determined that this plan is eligible for final approval pending its adoption by the Antelope Valley-East Kern Water Agency (AVEK).

Formal adoption documentation must be submitted to FEMA Region 9 within one calendar year of the date of this letter, or the entire plan must be updated and resubmitted for review. FEMA will approve the plan upon receipt of the documentation of formal adoption.

If you have any questions regarding the planning or review processes, please contact the FEMA Region 9 Hazard Mitigation Planning Team at fema-r9-mitigation-planning@fema.dhs.gov.

Sincerely,

A handwritten signature in black ink that reads "Alison Kearns".

Digitally signed by
ALISON KEARNS
Date: 2022.06.14
18:12:56 -07'00'

Alison Kearns
Planning and Implementation Branch Chief
Mitigation Division
FEMA Region 9

Enclosure (1)

AVEK Plan Review Tool, dated June 14, 2022

cc: Victoria LaMar-Haas, Hazard Mitigation Planning Chief, California Governor's Office of
Emergency Services
Jennifer Hogan, State Hazard Mitigation Officer, California Governor's Office of
Emergency Services

RESOLUTION NO. R-22-18

**A RESOLUTION OF THE BOARD OF DIRECTORS OF ANTELOPE VALLEY-
EAST KERN WATER AGENCY (“AGENCY”) ADOPTING THE LOCAL
HAZARD MITIGATION PLAN FOR THE AGENCY**

WHEREAS, The Antelope Valley-East Kern Water Agency recognizes the threat that natural hazards pose to people and property within our community; and

WHEREAS, undertaking hazard mitigation actions will reduce the potential for harm to people and property from future hazard occurrences; and

WHEREAS, the U.S. Congress passed the Disaster Mitigation Act of 2000 (“Disaster Mitigation Act”) emphasizing the need for pre-disaster mitigation of potential hazards; and

WHEREAS, the Disaster Mitigation Act made available hazard mitigation grants to state and local governments; and

WHEREAS, an adopted Local Hazard Mitigation Plan is required as a condition of future funding for mitigation projects under multiple FEMA pre-and post-disaster mitigation grant programs; and

WHEREAS, the Antelope Valley-East Kern Water Agency fully participated in the FEMA-prescribed mitigation planning process to prepare this local hazard mitigation plan; and

WHEREAS, the California Office of Emergency Services and Federal Emergency Management Agency, Region IX officials have reviewed the Antelope Valley - East Kern Water Agency Local Hazard Mitigation Plan and approved it contingent upon this official adoption of the Agency’s Board of Directors; and

WHEREAS, the Antelope Valley-East Kern Water Agency desires to comply with the requirements of the Disaster Mitigation Act and to augment its emergency planning efforts by formally adopting the Antelope Valley-East Kern Water Agency Local Hazard Mitigation Plan; and

WHEREAS, adoption by the Board of Directors for the Antelope Valley-East Kern Water Agency demonstrates the jurisdiction’s commitment to fulfilling the mitigation goals and objectives outlined in this Local Hazard Mitigation Plan; and

WHEREAS, adoption of this legitimizes the plan and authorizes Agency staff agencies to carry out their responsibilities under the plan.

NOW, THEREFORE, BE IT RESOLVED that the Antelope Valley-East Kern Water Agency adopts the Antelope Valley-East Kern Water Agency Local Hazard Mitigation Plan as an official plan; and

BE IT FURTHER RESOLVED, the Antelope Valley-East Kern Water Agency will submit this adoption resolution to the California Office of Emergency Services and FEMA Region IX officials to enable the plan’s final approval in accordance with the requirements of the Disaster Mitigation Act of 2000.

PASSED AND ADOPTED at the Regular Meeting of the Antelope Valley-East Kern Water Agency Board of Directors held on June 28, 2022.

Keith Dyas, President of the Board of
Directors of Antelope Valley-East Kern Water Agency

ATTEST:

Board Secretary-Treasurer,
Antelope Valley-East Kern Water Agency