



**ANTELOPE VALLEY-EAST KERN WATER AGENCY  
 ANTELOPE VALLEY-EAST KERN WATER AGENCY FINANCING AUTHORITY  
REGULAR BOARD MEETING AGENDA  
TUESDAY, MAY 23, 2023, AT 5:30 PM  
6450 WEST AVENUE "N," PALMDALE, CA 93551**

**Teleconference: (669) 900-6833; ID No. 894 3572 7657#; PASSCODE: 0**  
**2856 Owens Way, Rosamond, CA 93560; 1177 W Watercress Ave, Post Falls, ID 83854**  
**Video Conference: <https://us02web.zoom.us/j/89435727657?pwd=ak1XbmprdfBUQnRZOWszWU91VHdyUT09>**  
***\*\*Please mute audio at all times unless speaking\*\****

**1. CALL TO ORDER**

**2. PLEDGE OF ALLEGIANCE**

**3. ROLL CALL:** Division 7 – **Gary Van Dam** \_\_\_\_\_; Division 6 – **Audrey T. Miller** \_\_\_\_\_; Division 5 – **Robert Parris** \_\_\_\_\_; Division 2 – **Keith Dyas** \_\_\_\_\_; Division 1 – **(Vacant)** \_\_\_\_\_; Division 3 – **Frank Donato** \_\_\_\_\_; Division 4 – **George M. Lane** \_\_\_\_\_

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

**4. VOLUNTARY PUBLIC ROLL-CALL** – If any member of the public wishes to introduce themselves, please feel free to do so now.

**5. 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.

**6. ADOPTION OF AGENDA**

**Page**

6(a-1)	Adoption of Agenda for Regular Board Meeting of May 23, 2023	Board Order 6(a-1)	5
--------	--------------------------------------------------------------	--------------------	---

**7. CONSENT CALENDAR – ACTION ITEMS** – 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)	7(a-1.1) Approve Minutes of the Regular Board Meeting of April 11, 2023	Board Order 7(a-1)	7
--------	-------------------------------------------------------------------------	--------------------	---

**CONSENT CALENDAR – ACTION ITEMS (Continued)**

			<b>Page</b>
7(a-1)	7(a-1.2) Adopt Resolution No. R-23-14; Joint Tax Sharing Resolution – LA County Sanitation Districts Annexation No. 14-442; 34 Proposed Single-Family Home (Finance Committee Review – 05/18/23)	Board Order 7(a-1)	13
	7(a-1.3) Adopt Resolution No. R-23-15; Joint Tax Sharing Resolution – LA County Sanitation Districts Annexation No. 14-444; 208 Proposed Single-Family Home (Finance Committee Review – 05/18/23)		21
	7(a-1.4) Adopt Resolution No. R-23-16; Joint Tax Sharing Resolution – LA County Sanitation Districts Annexation No. 14-443; 108 Proposed Single-Family Home (Finance Committee Review – 05/18/23)		29
	7(a-1.5) Consideration and possible action to accept and file the PFM Investment Performance Report for the Quarter ending March 31, 2023 (Finance Committee Review 5/18/23)		37

**8. ITEM(S) FOR CONSIDERATION AND POSSIBLE ACTION**

**a. Finance Committee (FD/KD/GL) 05/18/23**

**Page**

8(a-1)	Consideration and possible action to accept and file the Check Register Lists from April 27, 2023, through May 10, 2023 (General Manager Knudson)	Board Order 8(a-1)	73
8(a-2)	Consideration and possible action to accept and file the Treasurer’s Report for the month ending April 30, 2023 (General Manager Knudson)	Board Order 8(a-2)	81

**b. Planning Committee (RP/KD/GV) 05/12/23**

**Page**

8(b-1)	Consideration and possible action on selection of SCADA Software package (Engineering Manager Livesay)	Board Order 8(b-1)	97
8(b-2)	Consideration and possible action on release of Request for Qualifications for SCADA System Integrator Services (Engineering Manager Livesay)	Board Order 8(b-2)	101

**c. Watermaster Committee (RP/FD/AM)**

**Page**

8(c-1)	Review and provide guidance for AVEK’s Watermaster Representative for AV Watermaster Meeting Agenda of 05/24/23 (General Manager Knudson)	Board Order 8(c-1)	125
--------	-------------------------------------------------------------------------------------------------------------------------------------------	--------------------	-----

**d. New Business**

**Page**

8(d-1)	Consideration and possible action on Resolution No. R-23-17; Honoring Shelley Sorsabal for her Public Service as Director of Division 1 to the Agency and Board of Directors	Board Order 8(d-1)	131
--------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------	-----

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

- a. Update on request for water service– Pacific Steel Group

**10. DIRECTORS REPORTS**

**11. ATTORNEY REPORT**

**12. REQUEST FOR FUTURE AGENDA ITEMS**

**13. CLOSED SESSION**

- a. *(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
- b. *(Possible)* Closed Session pursuant to Government Code Section 54956.8 Conference with Real Property Negotiators; Property Description: Water rights such as charges for use of infrastructure (wheeling) represented by Fenner Gap Mutual Water Company, from Fenner Valley groundwater basin. AVEK Negotiator: Matthew Knudson, General Manager; Property Owner Representative: Scott Slater; Under Negotiation: Price and terms of payment

**14. CLOSED SESSION ANNOUNCEMENTS**

**15. ADJOURN TO A REGULAR BOARD MEETING SCHEDULED FOR TUESDAY, JUNE 13, 2023, 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 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](mailto:hhughes@avek.org) or (661) 943-3201, or at the Antelope Valley-East Kern Water Agency, 6450 West Avenue N, Palmdale, CA 93551. Board meetings are subject to audio recording.

Posted: May 19, 2023, at 6:30 p.m. by Holly Hughes, Board Secretary-Treasurer



**RECOMMENDED BOARD ORDER 6(a-1)**

To the Board of Directors

**FOR BOARD ACTION**

**ADOPTION OF THE CURRENT AGENDA FOR MAY 23, 2023**

The Board of Directors adopted the following Board Order on May 23, 2023:

To adopt the Current Agenda for May 23, 2023, as presented.

Motion by \_\_\_\_\_

Second by \_\_\_\_\_

Carried \_\_\_\_\_

**BOARD ORDER 6(a-1)**

05-23-23



**RECOMMENDED BOARD ORDER 7(a-1.1)**

To the Board of Directors

**FOR BOARD ACTION**

**APPROVE MINUTES OF THE REGULAR BOARD MEETING  
OF APRIL 11, 2023**

The Board of Directors adopted the following board order on  
May 23, 2023:

That the Minutes of the Regular Board Meeting of April 11, 2023, be  
approved as presented.

Motion by \_\_\_\_\_

Second by \_\_\_\_\_

Carried \_\_\_\_\_

**BOARD ORDER 7(a-1.1)**

05-24-23



# 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*

## MINUTES

### Regular Board Meeting of April 11, 2023

<b>1. Call to Order:</b>			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 in-person and via teleconference and video conference. The meeting was called to order by President Lane at 5:30 p.m.	
Date: Tuesday, April 11, 2023				
Time: 5:30 p.m.				
Location: 6450 W Ave N, Palmdale, CA 93551 -and- Zoom				
Telephone: (669) 900-6833; ID No: 894 3572 7657; Passcode: 0				
Zoom Link: <a href="https://us02web.zoom.us/j/89435727657?pwd=ak1XbmprdfBUQnRZOWszWU91VHdyUT09">https://us02web.zoom.us/j/89435727657?pwd=ak1XbmprdfBUQnRZOWszWU91VHdyUT09</a>				
<b>2. Pledge of Allegiance</b>				
Led by: Peter Thompson – Assistant General Manager				
<b>3. Roll Call: Board Members</b>			<b>Present: 6 Not Present: 1</b>	
Division 7, <b>Gary Van Dam</b> [present in-person]		Division 6, <b>Audrey Miller</b> [present in-person]		
Division 5, <b>Robert Parris</b> [present in-person]		Division 2, <b>Keith Dyas</b> [present in-person]		
Division 1, <b>Shelley Sorsabal</b> [not present]		Division 3, <b>Frank Donato</b> (Vice President) [present in-person]		
Division 4, <b>George Lane</b> (President) [present in-person]				
<b>Board Officers</b>			<b>Present: 3 Not Present: 0</b>	
General Manager- <b>Matthew Knudson</b>				
General Counsel/Attorney: <b>Tilden Kim</b> , Richards Watson Gershon Law (RWG)				
Board Secretary-Treasurer: <b>Holly Hughes</b>				
<b>NOTES:</b>				
<b>Staff Present:</b> In-person: Peter Thompson, Assistant General Manager; Jon Bozigian, Manager of Operations; Teresa Yates, Finance & Administration Manager; Jordan Wray, Laboratory Manager; Tom Barnes, Water Resource Manager; Justin Livesay, Engineering Manager; and Dwayne Chisam, Director of Special Projects.				
<b>Others Present in-person:</b> Brent Byrne, QHWD; Byron Glennan, RCSD; and others.				
<b>Others Present via Teleconference:</b> Joe Long; Belal Tabannaj; Jack's iPad; Jim Gardner; Joyce Media, Inc; Thien Ng; NERD Aerotech News-Alisha; Benjamin Stewart; Paul Chau (661) 272-0015; (661) 860-1020; (661) 433-1487; and others.				
<b>4. Voluntary Public Roll Call</b>				
Vince Dino, Palmdale Water District; Joe Long, Stantec; John Ukkestad, AV Mutual Group; John Joyce, Acton-Agua Dulce News; Jack Seefus, White Fence Farms 3				
<b>5. Public Comments and Period Open to the Public</b>				
There were no public comments.				
<b>6. Adoption of Agenda:</b>				<b>1 Item</b>
<b>BOARD ORDER 6(a-1):</b> Adoption of Agenda for Board Meeting of April 11, 2023				
6(a-1):	<u>MOTION:</u> Miller	<u>SECOND:</u> Parris	VOTING: AYE = 6; NAY= 0; ABSTAIN = 0; ABSENT = 1; Sorsabal not present; Carried.	<b>PASSED</b>
<b>7. Consent Calendar</b>				
<b>1 Item</b>				
<b>7(a-1)</b> Approve Minutes of the Regular Board Meeting of February 28, 2023				
<b>BOARD ORDERS 7(a-1)</b> Approval of one (1) Item on the Consent Calendar as presented.				
7(a-1)	<u>MOTION:</u> Dyas	<u>SECOND:</u> Parris	VOTING: AYE = 6; NAY= 0; ABSTAIN = 0; ABSENT = 1; Sorsabal not present; Carried.	<b>PASSED</b>



8. Items for Consideration and Possible Action				5 Items
<b>a. Finance Committee (FD/KD/GL) 04/06/23</b>				
8(a-1) Consideration and possible action to approve a purchase order/proposal with R& B Automation for the replacement of two 18" Filter Effluent Valves at the Eastside Treatment Plant in the amount of \$49,189.02				
BOARD ORDER 8(a-1) to approve a purchase order/proposal with R& B Automation for the replacement of two 18" Filter Effluent Valves at the Eastside Treatment Plant in the amount of \$49,189.02 as presented and recommended by the Finance Committee				
8(a-1)	MOTION: Donato	SECOND: Miller	ROLL-CALL VOTING: AYE = 6; NAY= 0; ABSTAIN = 0; ABSENT = 1; Sorsabal not present; Carried.	PASSED
8(a-2) Consideration and possible action on Water Supply Plan for 2023				
BOARD ORDER 8(a-2) To approve the 2023 Water Supply Plan, as presented by General Manager Knudson and recommended by the Finance Committee				
8(a-2)	MOTION: Parris	SECOND: Donato	ROLL-CALL VOTING: AYE = 6; NAY= 0; ABSTAIN = 0; ABSENT = 1; Sorsabal not present; Carried.	PASSED
8(a-3) General Manager Knudson provided an update on the prepayment of Certificates of Participation Series 2008A-2 as information only				
<b>b. High Desert Water Bank and Water Banking Committee (FD/KD/GV) 04/27/23</b>				
8(b-1) Engineering Manager Livesay gave a monthly update on the High Desert Water Bank (HDWB) Project				
<b>c. New Business</b>				
8(c-1) Accept and File the 2022 Annual Water Quality Reports for Los Angeles County and Kern County				
BOARD ORDER 8(c-1) To accept and file the 2022 Annual Water Quality Reports for Los Angeles County and Kern County, in compliance with the Safe Drinking Water Act Amendments of 1996, and recommended by staff				
8(c-1)	MOTION: Donato	SECOND: Dyas	ROLL-CALL VOTING: AYE = 6; NAY= 0; ABSTAIN = 0; ABSENT = 1; Sorsabal not present; Carried.	PASSED
<b>9. General Manager's Report on Water Supply, Projects, and Program</b>				

The Department of Water Resources (DWR) 4<sup>th</sup> Snowpack Survey was reported – recorded snow depth of 126.5” & a snow water content of 54” is 221% of the April 1<sup>st</sup> average.

The Agency’s State Water Project Reservoir levels were reported; Lake Oroville – 84% of capacity and 116% of historical average and San Luis – 99% of capacity and 116% of historical average.

It was reported that the State Water Project allocation increased to 75%. AVEK SWP Allocation: 108,633 AF.

Article 21 Water was reviewed. Weekly deliveries began March 22nd. AVEK requested 1,800 AF/week of 2023 Article 21 Water. 10,000 AF of Article 21 Water is estimated for delivery to AVEK in 2023.

An update was provided on AVEK operations and other agency activities. Highlights included Treatment Chemicals proposals for FY 2023 / 2024 being due 4/11/23 and staff to investigate the opportunity to increase Article 21 deliveries by recharging within Littlerock Creek.

Staff provided legislative updates including The Western Joshua Tree Act, AB 460 (Bauer-Kahan-D), AB 1337 (Wicks – D) & SB 389 (Allen – D), SB 687 (Eggman – D).

Upcoming Events and Schedule were reported as follows: AV Watermaster Board Meeting 4/26/23, ACWA Spring Conference week of May 8, 2023, in Monterey, CA

**10. Director Reports**

None

**11. Attorney Report**

Attorney **Kim** stated that he had nothing new to report.

**12. Request for Future Agenda Items**

There were no requests for future agenda items.

**13. Old Business/Closed Session**

General Manager **Knudson** stated that there was reason to go into closed session for Item No. 13(b) only.

- a. **(NO)** 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
- b. **(YES)** Closed Session – Conference with Legal Counsel – Existing Litigation (Paragraph (1) of subdivision (d) of Government Code Section 54956.9); Name of case: *Roberts v. Coachella Valley Water District, County of Riverside* Superior Court, Case RIC182310 MF

**BOARD ORDERS 13.1** The meeting was adjourned to closed session at 6:35 p.m. to discuss Item 13(b) only.

13.1	MOTION: Dyas	SECOND: Miller	VOTING: AYE = 6; NAY= 0; ABSTAIN = 0; ABSENT = 1; Sorsabal not present; Carried.	PASSED
------	--------------	----------------	----------------------------------------------------------------------------------	--------

**BOARD ORDERS 13.2** The meeting was reconvened to open session at 7:10 p.m.

13.2	MOTION: Miller	SECOND: Parris	VOTING: AYE = 6; NAY= 0; ABSTAIN = 0; ABSENT = 1; Sorsabal not present; Carried.	PASSED
------	----------------	----------------	----------------------------------------------------------------------------------	--------

**14. Closed Session Announcement(s)**

There was nothing to report as a result of closed session.

**15. Adjourn to a Regular Board Meeting Scheduled for Tuesday, April 25, 2023, at 5:30 p.m.**

**BOARD ORDER 15:** The meeting was adjourned at 7:12 p.m.

15	MOTION: Dyas	SECOND: Miller	VOTING: AYE =6; NAY= 0; ABSTAIN = 0; ABSENT = 1; Sorsabal not present; Carried.	PASSED
----	--------------	----------------	---------------------------------------------------------------------------------	--------

**Approval:**

---

Holly Hughes, Board Secretary-Treasurer

**Board of Directors:**

---

President or Vice-President's Signature

Date



**RECOMMENDED BOARD ORDER 7(a-1.2)**

To the Board of Directors

**FOR BOARD ACTION**

**ADOPT RESOLUTION NO. R-23-14**  
**JOINT TAX SHARING RESULTING FROM ANNEXATION No. 14-442**  
**WITH COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY**

The Board of Directors adopted the following board order on May 23,  
2023:

Adoption of Resolution No. R-23-14, Joint Tax Sharing Resolution  
resulting from territory Annexation No. 14-442 of territory to County  
Sanitation Districts of Los Angeles County and authorizing Board President  
to execute said Resolution, to be approved as requested.

Motion by \_\_\_\_\_

Second by \_\_\_\_\_

Carried \_\_\_\_\_

**BOARD ORDER 7(a-1.2)**

05-23-23

R-23-14

JOINT RESOLUTION OF THE BOARD OF SUPERVISORS OF THE COUNTY OF LOS ANGELES  
ACTING IN BEHALF OF

Los Angeles County General Fund

Los Angeles County Library

Los Angeles County Consolidated Fire Protection District

THE BOARD OF DIRECTORS OF COUNTY SANITATION DISTRICT NO. 14 OF LOS ANGELES  
COUNTY, AND THE GOVERNING BODIES OF

Antelope Valley Cemetery District

Antelope Valley Mosquito & Vector Control District

Antelope Valley Resource Conservation District

City of Lancaster

Antelope Valley - East Kern Water Agency

APPROVING AND ACCEPTING NEGOTIATED EXCHANGE OF PROPERTY TAX REVENUES  
RESULTING FROM ANNEXATION TO COUNTY SANITATION DISTRICT NO. 14.

**"ANNEXATION NO. 442"**

**WHEREAS**, pursuant to Section 99 and 99.01 of the Revenue and Taxation Code, prior to the effective date of any jurisdictional change which will result in a special district providing a new service, the governing bodies of all local agencies that receive an apportionment of the property tax from the area must determine the amount of property tax revenues from the annual tax increment to be exchanged between the affected agencies and approve and accept the negotiated exchange of property tax revenues by resolution; and

**WHEREAS**, the governing bodies of the agencies signatory hereto have made determinations of the amount of property tax revenues from the annual tax increments to be exchanged as a result of the annexation to County Sanitation District No. 14 entitled *Annexation No. 442*;

**NOW, THEREFORE, BE IT RESOLVED AS FOLLOWS:**

1. The negotiated exchange of property tax revenues resulting from the annexation of territory to County Sanitation District No. 14 in the annexation entitled *Annexation No. 442* is approved and accepted.
2. For each fiscal year commencing on and after July 1, 2022, or after the effective date of this jurisdictional change, whichever is later, the County Auditor shall transfer to County Sanitation District No. 14 a total of 0.3110466 percent of the annual tax increment attributable to the land area encompassed within *Annexation No. 442* as shown on the attached Worksheet.
3. No additional transfer of property tax revenues shall be made from any other tax agencies to County Sanitation District No. 14 as a result of annexation entitled *Annexation No. 442*.

4. No transfer of property tax increments from properties within a community redevelopment project, which are legally committed to a Community Redevelopment Agency, shall be made during the period that such tax increment is legally committed for repayment of the redevelopment project costs.

5. If at any time after the effective date of this resolution, the calculations used herein to determine initial property tax transfers or the data used to perform those calculations are found to be incorrect thus producing an improper or inaccurate property tax transfer, the property tax transfer shall be recalculated and the corrected transfer shall be implemented for the next fiscal year.

The foregoing resolution was adopted by the Board of Supervisors of the County of Los Angeles, the Board of Directors of County Sanitation District No. 14 of Los Angeles County, and the governing bodies of Antelope Valley Cemetery District, Antelope Valley Mosquito & Vector Control District, Antelope Valley Resource Conservation District, City of Lancaster, and Antelope Valley - East Kern Water Agency, signatory hereto.

ANTELOPE VALLEY - EAST KERN  
WATER AGENCY

\_\_\_\_\_  
SIGNATURE

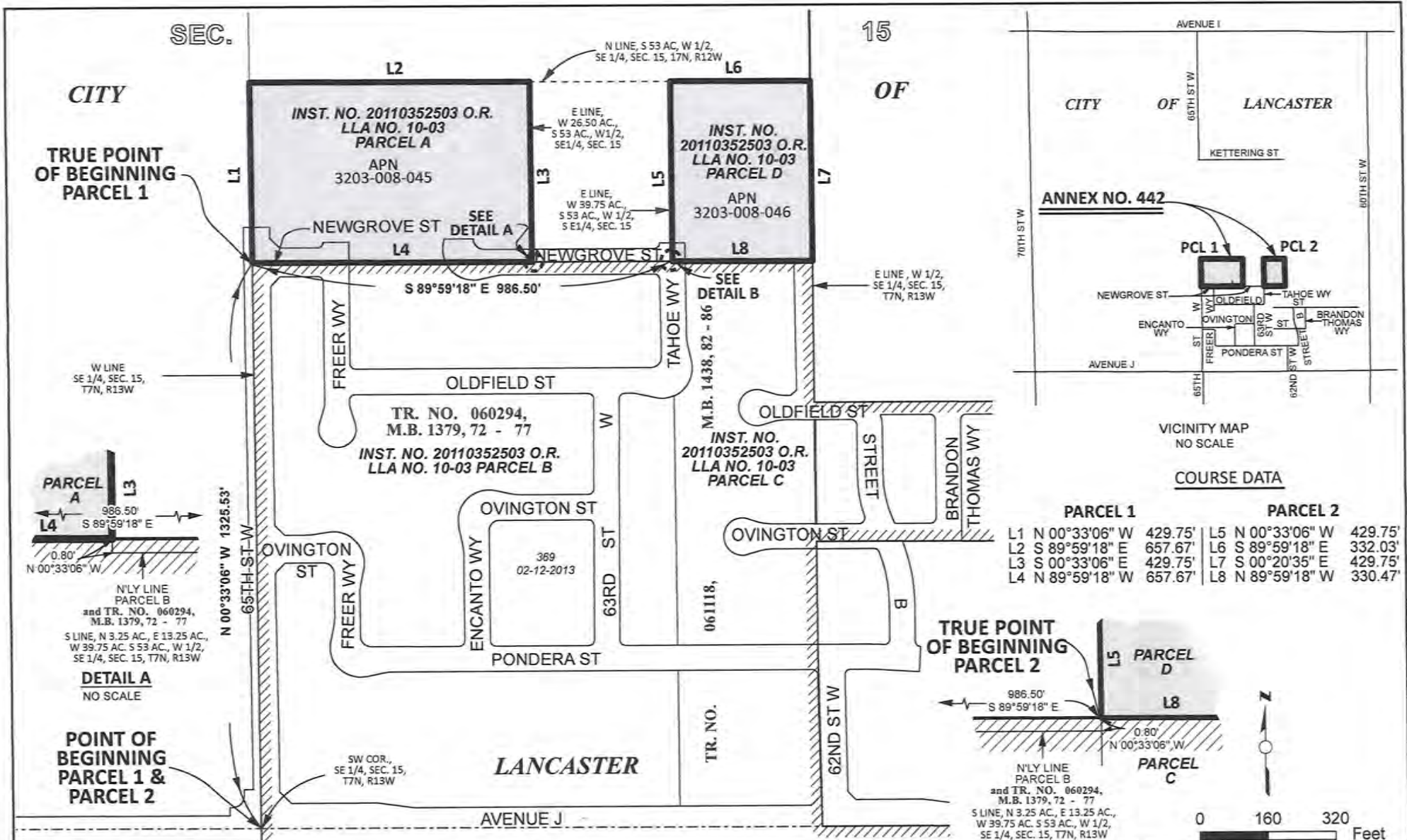
\_\_\_\_\_  
PRINT NAME AND TITLE

ATTEST:

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Date

**(SIGNED IN COUNTERPART)**



**PROPOSED**

**"FOR TAX ASSESSMENT PURPOSES ONLY"**

LA County Assessor Landbase,  
CAMS Centerline, DPW City boundary  
LA County Sanitation Districts:  
Annexation Layer and District Layer

T7N,	231	R13W,	S.B.M.	222
	S 03-1996			03-02-1992
Annexation No. 442 shown thus				
Boundary of Sanitation District No. 14 prior to Annexation No. 442 shown thus				
Prior Annexations shown thus				
Parcel 1	.....	6.488	Acres	
Parcel 2	.....	3.268	Acres	
Area of Annexation	.....	9.756	Acres	

COUNTY SANITATION DISTRICT NO. 14  
OF LOS ANGELES COUNTY, CA  
OFFICE OF CHIEF ENGINEER  
ROBERT C. FERRANTE  
CHIEF ENGINEER & GENERAL MANAGER

**ANNEXATION NO. 442**  
TO  
COUNTY SANITATION DISTRICT NO. 14

Recorded: .....



ANNEXATION TO: CO.SANITATION DIST.NO 14 DEBT S.  
 ACCOUNT NUMBER: 066.45  
 TRA: 02418  
 EFFECTIVE DATE: 07/01/2022  
 ANNEXATION NUMBER: 442 PROJECT NAME: A-14-442  
 DISTRICT SHARE: 0.006110490

ACCOUNT #	TAXING AGENCY	CURRENT TAX SHARE	PERCENT	PROPOSED DIST SHARE	ALLOCATED SHARE	ADJUSTMENTS	NET SHARE
001.05	LOS ANGELES COUNTY GENERAL	0.206849672	20.6860 %	0.006110490	0.001263963	-0.001297528	0.205552144
001.20	L.A. COUNTY ACCUM CAP OUTLAY	0.000134435	0.0134 %	0.006110490	0.000000821	-0.000000000	0.000134435
003.01	L A COUNTY LIBRARY	0.028579954	2.8579 %	0.006110490	0.000174637	-0.000174637	0.028405317
007.30	CONSOL. FIRE PRO.DIST.OF L.A.CO.	0.175044600	17.5044 %	0.006110490	0.001069608	-0.001069608	0.173974992
007.31	L A C FIRE-FFW	0.005358780	0.5358 %	0.006110490	0.000032744	-0.000000000	0.005358780
053.30	ANTELOPE VY CEMETERY DISTRICT	0.001647630	0.1647 %	0.006110490	0.000010067	-0.000010067	0.001637563
061.05	ANTELOPE VLY MOSQ & VECTOR CONTR	0.001613707	0.1613 %	0.006110490	0.000009860	-0.000009860	0.001603847
068.05	ANTELOPE VY RESOURCE CONSER DIST	0.001114058	0.1114 %	0.006110490	0.000006807	-0.000006807	0.001107251
186.01	CITY-LANCASTER TD #1	0.066107189	6.6107 %	0.006110490	0.000403947	-0.000403947	0.065703242
300.10	ANTELOPE VY.-EAST KERN WATER AGY	0.022586146	2.2586 %	0.006110490	0.000138012	-0.000138012	0.022448134
400.00	EDUCATIONAL REV AUGMENTATION FD	0.062910524	6.2910 %	0.006110490	0.000384414	EXEMPT	0.062910524
400.01	EDUCATIONAL AUG FD IMPOUND	0.133002157	13.3002 %	0.006110490	0.000812708	EXEMPT	0.133002157
400.15	COUNTY SCHOOL SERVICES	0.001667390	0.1667 %	0.006110490	0.000010188	EXEMPT	0.001667390
400.21	CHILDREN'S INSTIL TUITION FUND	0.003309186	0.3309 %	0.006110490	0.000020220	EXEMPT	0.003309186
689.01	WESTSIDE UNION SCHOOL DISTRICT	0.075470382	7.5470 %	0.006110490	0.000461161	EXEMPT	0.075470382
689.06	CO.SCH.SERV.FD.- WESTSIDE UNION	0.009749773	0.9749 %	0.006110490	0.000059575	EXEMPT	0.009749773
689.07	DEV CTR HDCPD MINOR WESTSIDE UN	0.001014827	0.1014 %	0.006110490	0.000006201	EXEMPT	0.001014827
717.02	ANTELOPE VALLEY UNION HIGH SCH.	0.115081225	11.5081 %	0.006110490	0.000703202	EXEMPT	0.115081225
717.06	CO.SCH.SERV.FD.- ANTELOPE VALLEY	0.000422870	0.0422 %	0.006110490	0.000002583	EXEMPT	0.000422870

ANNEXATION NUMBER: 442

PROJECT NAME: A-14-442

TRA: 02418

ACCOUNT #	TAXING AGENCY	CURRENT TAX SHARE	PERCENT	PROPOSED DIST SHARE	ALLOCATED SHARE	ADJUSTMENTS	NET SHARE
717.07	ANTELOPE VY.UN.HI.-ELEM SCH FD.	0.056380523	5.6380 %	0.006110490	0.000344512	EXEMPT	0.056380523
792.04	ANTELOPE VY.JT. COMMUNITY COLL.	0.031954972	3.1954 %	0.006110490	0.000195260	EXEMPT	0.031954972
***066.45	CO.SANITATION DIST.NO 14 DEBT S.	0.000000000	0.0000 %	0.006110490	0.000000000	0.000000000	0.003110466
TOTAL:		1.000000000	100.0000 %		0.006110490	-0.003110466	1.000000000

R-23-14



**LOS ANGELES COUNTY  
SANITATION DISTRICTS**  
*Converting Waste Into Resources*

**Robert C. Ferrante**

Chief Engineer and General Manager

1955 Workman Mill Road, Whittier, CA 90601-1400  
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998  
(562) 699-7411 • www.lacsd.org

**Avek Water Agency**

April 20, 2023

**MAY 01 2023**

General Annexation File

**Received**

Ms. Holly Hughes, Secretary-Treasurer  
Antelope Valley - East Kern Water Agency  
6500 West Avenue N  
Palmdale, CA 93551

Dear Ms. Hughes:

**Tax Sharing Resolutions**

Thank you for signing and returning the last joint resolutions that were submitted to your office for tax sharing purposes.

Enclosed, in triplicate, is a Joint Tax Sharing Resolution (resolution) involving your agency and others. The applicant has requested, in writing, annexation of his property into the County Sanitation District No. 14 (District) in order to receive off-site disposal of sewage. Please see the table below for the annexation and its associated project. The annexation process requires that a resolution for property tax revenue exchange be adopted by all the affected local agencies before an annexation may be approved. For any jurisdictional change which will result in a special district providing new service not previously provided to an area, the law requires the governing bodies of all local agencies that receive an apportionment of the property tax from the area to determine by resolution the amount of the annual tax increment to be transferred to the special district (Revenue and Taxation Code Section 99.01). Please note that by sharing the property tax increment with the District resulting from this annexation, your agency will not lose any existing ad valorem tax revenue it currently receives from the affected territory. Your agency would only be giving up a portion of the revenues it would receive on increased assessed valuation.

<b><u>Annexation No.</u></b>	<b><u>Type of Project</u></b>
14-442	34 proposed single-family homes

Also, attached for the annexation is a copy of the applicable worksheet and map showing the location of the annexation. The worksheet lists the annual tax increment to be exchanged between your agency, other affected taxing entities, and the District. The tax sharing ratios listed in the worksheet were calculated by the County Auditor Controller by specific Tax Rate Area (TRA). For example, if the annexing territory were to lie within two separate TRAs, there would be a worksheet for each TRA. The Los Angeles County Chief Executive Office (CEO) is requiring the District to implement the worksheet for all District annexations in order to increase efficiency for the calculation of property tax sharing ratios.

The resolution is being distributed to all parties for signature in counterpart. Therefore, you will only be receiving a signature page for your agency. Enclosed are three sets of the resolution. One set of the resolution is for your files and the other two sets of the resolution need to be returned to the District. Please execute the two sets of the resolution and return them to the undersigned within 60 days as required by the Government Code. In addition, the County CEO's legal counsel is also requesting that the signature pages be properly executed from all affected agencies. Therefore, please have the Attest line signed by the appropriate person. Upon completion of the annexation process, your office will receive a fully executed copy of the tax sharing resolution for your files.

Your continued cooperation in this matter is very much appreciated. If you have any questions, please do not hesitate to call me at (562) 908-4288, extension 2708.

Very truly yours,  
Donna I. Curry



Customer Service Specialist  
Facilities Planning Department

DC:dc

Enclosures: 14-442

**RECOMMENDED BOARD ORDER 7(a-1.3)**

To the Board of Directors

**FOR BOARD ACTION**

**ADOPT RESOLUTION NO. R-23-15**  
**JOINT TAX SHARING RESULTING FROM ANNEXATION No. 14-444**  
**WITH COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY**

The Board of Directors adopted the following board order on May 23, 2023:

Adoption of Resolution No. R-23-15, Joint Tax Sharing Resolution resulting from territory Annexation No. 14-444 of territory to County Sanitation Districts of Los Angeles County and authorizing Board President to execute said Resolution, to be approved as requested.

Motion by \_\_\_\_\_

Second by \_\_\_\_\_

Carried \_\_\_\_\_

**BOARD ORDER 7(a-1.3)**

05-23-23

R-23-15

JOINT RESOLUTION OF THE BOARD OF SUPERVISORS OF THE COUNTY OF LOS ANGELES  
ACTING IN BEHALF OF

Los Angeles County General Fund  
Los Angeles County Library  
Los Angeles County Consolidated Fire Protection District  
Los Angeles County Waterworks #40 - Antelope Valley

THE BOARD OF DIRECTORS OF COUNTY SANITATION DISTRICT NO. 14 OF LOS ANGELES  
COUNTY, AND THE GOVERNING BODIES OF

Antelope Valley Cemetery District  
Antelope Valley Mosquito & Vector Control District  
City of Lancaster  
Antelope Valley - East Kern Water Agency

APPROVING AND ACCEPTING NEGOTIATED EXCHANGE OF PROPERTY TAX REVENUES  
RESULTING FROM ANNEXATION TO COUNTY SANITATION DISTRICT NO. 14.

**"ANNEXATION NO. 444"**

**WHEREAS**, pursuant to Section 99 and 99.01 of the Revenue and Taxation Code, prior to the effective date of any jurisdictional change which will result in a special district providing a new service, the governing bodies of all local agencies that receive an apportionment of the property tax from the area must determine the amount of property tax revenues from the annual tax increment to be exchanged between the affected agencies and approve and accept the negotiated exchange of property tax revenues by resolution; and

**WHEREAS**, the governing bodies of the agencies signatory hereto have made determinations of the amount of property tax revenues from the annual tax increments to be exchanged as a result of the annexation to County Sanitation District No. 14 entitled *Annexation No. 444*;

**NOW, THEREFORE, BE IT RESOLVED AS FOLLOWS:**

1. The negotiated exchange of property tax revenues resulting from the annexation of territory to County Sanitation District No. 14 in the annexation entitled *Annexation No. 444* is approved and accepted.
2. For each fiscal year commencing on and after July 1, 2022, or after the effective date of this jurisdictional change, whichever is later, the County Auditor shall transfer to County Sanitation District No. 14 a total of 0.3226022 percent of the annual tax increment attributable to the land area encompassed within *Annexation No. 444* as shown on the attached Worksheet.
3. No additional transfer of property tax revenues shall be made from any other tax agencies to County Sanitation District No. 14 as a result of annexation entitled *Annexation No. 444*.

4. No transfer of property tax increments from properties within a community redevelopment project, which are legally committed to a Community Redevelopment Agency, shall be made during the period that such tax increment is legally committed for repayment of the redevelopment project costs.

5. If at any time after the effective date of this resolution, the calculations used herein to determine initial property tax transfers or the data used to perform those calculations are found to be incorrect thus producing an improper or inaccurate property tax transfer, the property tax transfer shall be recalculated and the corrected transfer shall be implemented for the next fiscal year.

The foregoing resolution was adopted by the Board of Supervisors of the County of Los Angeles, the Board of Directors of County Sanitation District No. 14 of Los Angeles County, and the governing bodies of Antelope Valley Cemetery District, Antelope Valley Mosquito & Vector Control District, City of Lancaster, and Antelope Valley - East Kern Water Agency, signatory hereto.

ANTELOPE VALLEY - EAST KERN  
WATER AGENCY

\_\_\_\_\_  
SIGNATURE

\_\_\_\_\_  
PRINT NAME AND TITLE

ATTEST:

\_\_\_\_\_  
Secretary R-23-15

\_\_\_\_\_  
Date

(SIGNED IN COUNTERPART)

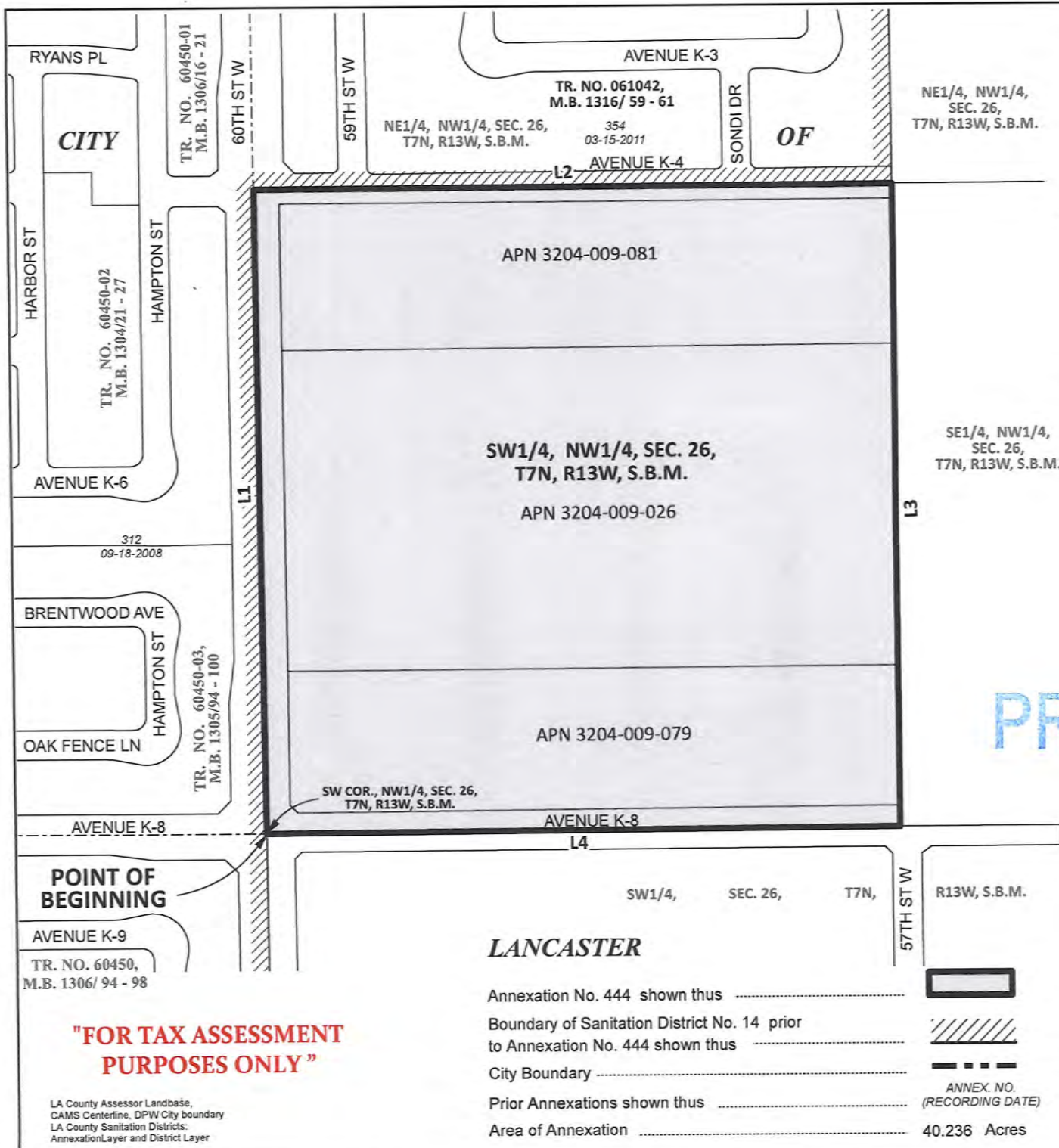
ANNEXATION TO: CO.SANITATION DIST.NO 14 DEBT S.  
 ACCOUNT NUMBER: 066.45  
 TRA: 02417  
 EFFECTIVE DATE: 07/01/2023  
 ANNEXATION NUMBER: 444 PROJECT NAME: A-14-444  
 DISTRICT SHARE: 0.006006203

ACCOUNT #	TAXING AGENCY	CURRENT TAX SHARE	PERCENT	PROPOSED DIST SHARE	ALLOCATED SHARE	ADJUSTMENTS	NET SHARE
001.05	LOS ANGELES COUNTY GENERAL	0.235088312	23.5100 %	0.006006203	0.001411997	-0.001449971	0.233638341
001.20	L.A. COUNTY ACCUM CAP OUTLAY	0.000141586	0.0141 %	0.006006203	0.000000850	0.000000000	0.000141586
003.01	L A COUNTY LIBRARY	0.025710347	2.5710 %	0.006006203	0.000154421	-0.000154421	0.025555926
007.30	CONSOL. FIRE PRO.DIST.OF L.A.CO.	0.170632718	17.0632 %	0.006006203	0.001024854	-0.001024854	0.169607864
007.31	L A C FIRE-FFW	0.006180950	0.6180 %	0.006006203	0.000037124	0.000000000	0.006180950
047.04	LA CO WATERWORKS #40 ANTELOPE VY	0.007399360	0.7399 %	0.006006203	0.000044442	-0.000044442	0.007354918
051.75	L A CO WATER WKS NO 40 ACO FUND	0.005656935	0.5656 %	0.006006203	0.000033976	-0.000033976	0.005622959
053.30	ANTELOPE VY CEMETERY DISTRICT	0.001191946	0.1191 %	0.006006203	0.000007159	-0.000007159	0.001184787
061.05	ANTELOPE VLY MOSQ & VECTOR CONTR	0.001483408	0.1483 %	0.006006203	0.000008909	-0.000008909	0.001474499
068.05	ANTELOPE VY RESOURCE CONSER DIST	0.000815499	0.0815 %	0.006006203	0.000004898	-0.000004898	0.000810601
186.01	CITY-LANCASTER TD #1	0.066107188	6.6107 %	0.006006203	0.000397053	-0.000397053	0.065710135
300.10	ANTELOPE VY.-EAST KERN WATER AGY	0.016706040	1.6706 %	0.006006203	0.000100339	-0.000100339	0.016605701
400.00	EDUCATIONAL REV AUGMENTATION FD	0.065302683	6.5302 %	0.006006203	0.000392221	EXEMPT	0.065302683
400.01	EDUCATIONAL AUG FD IMPOUND	0.132634057	13.2634 %	0.006006203	0.000796627	EXEMPT	0.132634057
400.15	COUNTY SCHOOL SERVICES	0.001522548	0.1522 %	0.006006203	0.000009144	EXEMPT	0.001522548
400.21	CHILDREN'S INSTIL TUITION FUND	0.003026361	0.3026 %	0.006006203	0.000018176	EXEMPT	0.003026361
689.01	WESTSIDE UNION SCHOOL DISTRICT	0.094806698	9.4806 %	0.006006203	0.000569428	EXEMPT	0.094806698
689.06	CO.SCH.SERV.FD.- WESTSIDE UNION	0.008819562	0.8819 %	0.006006203	0.000052972	EXEMPT	0.008819562
689.07	DEV CTR HDCPD MINOR WESTSIDE UN	0.000915439	0.0915 %	0.006006203	0.000005498	EXEMPT	0.000915439



ANNEXATION NUMBER: 444      PROJECT NAME: A-14-444      TRA: 02417

ACCOUNT #	TAXING AGENCY	CURRENT TAX SHARE	PERCENT	PROPOSED DIST SHARE	ALLOCATED SHARE	ADJUSTMENTS	NET SHARE
717.02	ANTELOPE VALLEY UNION HIGH SCH.	0.084241687	8.4241 %	0.006006203	0.000505972	EXEMPT	0.084241687
717.06	CO.SCH.SERV.FD. - ANTELOPE VALLEY	0.000352665	0.0352 %	0.006006203	0.000002118	EXEMPT	0.000352665
717.07	ANTELOPE VY.UN.HI.-ELEM SCH FD.	0.041271637	4.1271 %	0.006006203	0.000247885	EXEMPT	0.041271637
792.04	ANTELOPE VY.JT. COMMUNITY COLL.	0.029992374	2.9992 %	0.006006203	0.000180140	EXEMPT	0.029992374
***056.45	CO.SANITATION DIST.NO 14 DEBT S.	0.000000000	0.0000 %	0.006006203	0.000000000	0.000000000	0.003226022
TOTAL:		1.000000000	100.0000 %		0.006006203	-0.003226022	1.000000000

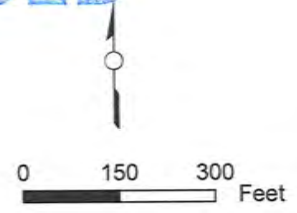


VICINITY MAP  
NO SCALE

**COURSE DATA**

L1	N 00°32'29" W	1325.79'
L2	N 89°33'30" E	1322.07'
L3	S 00°27'34" E	1327.54'
L4	S 89°38'03" W	1320.18'

**PROPOSED**



**POINT OF BEGINNING**

**"FOR TAX ASSESSMENT PURPOSES ONLY"**

LA County Assessor Landbase,  
CAMS Centerline, DPW City boundary  
LA County Sanitation Districts:  
AnnexationLayer and District Layer

**LANCASTER**

Annexation No. 444 shown thus .....	
Boundary of Sanitation District No. 14 prior to Annexation No. 444 shown thus .....	
City Boundary .....	
Prior Annexations shown thus .....	
Area of Annexation .....	40.236 Acres

COUNTY SANITATION DISTRICT NO. 14  
OF LOS ANGELES COUNTY, CA  
OFFICE OF CHIEF ENGINEER  
ROBERT C. FERRANTE  
CHIEF ENGINEER & GENERAL MANAGER

**ANNEXATION NO. 444**  
TO  
COUNTY SANITATION DISTRICT NO. 14

Recorded:

R-23-15



**LOS ANGELES COUNTY  
SANITATION DISTRICTS**  
*Converting Waste Into Resources*

**Robert C. Ferrante**  
Chief Engineer and General Manager

1955 Workman Mill Road, Whittier, CA 90601-1400  
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998  
(562) 699-7411 • www.lacsd.org

**Avek Water Agency**

**MAY 08 2023**

**Received**

May 3, 2023

General Annexation File

Ms. Holly Hughes, Secretary-Treasurer  
Antelope Valley - East Kern Water Agency  
6500 West Avenue N  
Palmdale, CA 93551

Dear Ms. Hughes:

**Tax Sharing Resolutions**

Thank you for signing and returning the last joint resolutions that were submitted to your office for tax sharing purposes.

Enclosed, in triplicate, is a Joint Tax Sharing Resolution (resolution) involving your agency and others. The applicant has requested, in writing, annexation of his property into the County Sanitation District No. 14 (District) in order to receive off-site disposal of sewage. Please see the table below for the annexation and its associated project. The annexation process requires that a resolution for property tax revenue exchange be adopted by all the affected local agencies before an annexation may be approved. For any jurisdictional change which will result in a special district providing new service not previously provided to an area, the law requires the governing bodies of all local agencies that receive an apportionment of the property tax from the area to determine by resolution the amount of the annual tax increment to be transferred to the special district (Revenue and Taxation Code Section 99.01). Please note that by sharing the property tax increment with the District resulting from this annexation, your agency will not lose any existing ad valorem tax revenue it currently receives from the affected territory. Your agency would only be giving up a portion of the revenues it would receive on increased assessed valuation.

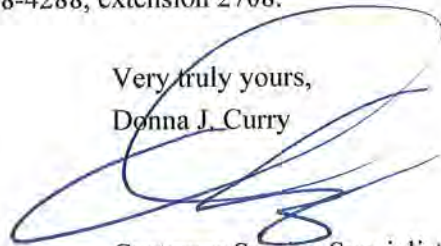
<b><u>Annexation No.</u></b>	<b><u>Type of Project</u></b>
14-444	208 proposed single-family homes

Also, attached for the annexation is a copy of the applicable worksheet and map showing the location of the annexation. The worksheet lists the annual tax increment to be exchanged between your agency, other affected taxing entities, and the District. The tax sharing ratios listed in the worksheet were calculated by the County Auditor Controller by specific Tax Rate Area (TRA). For example, if the annexing territory were to lie within two separate TRAs, there would be a worksheet for each TRA. The Los Angeles County Chief Executive Office (CEO) is requiring the District to implement the worksheet for all District annexations in order to increase efficiency for the calculation of property tax sharing ratios.

The resolution is being distributed to all parties for signature in counterpart. Therefore, you will only be receiving a signature page for your agency. Enclosed are three sets of the resolution. One set of the resolution is for your files and the other two sets of the resolution need to be returned to the District. Please execute the two sets of the resolution and return them to the undersigned within 60 days as required by the Government Code. In addition, the County CEO's legal counsel is also requesting that the signature pages be properly executed from all affected agencies. Therefore, please have the Attest line signed by the appropriate person. Upon completion of the annexation process, your office will receive a fully executed copy of the tax sharing resolution for your files.

Your continued cooperation in this matter is very much appreciated. If you have any questions, please do not hesitate to call me at (562) 908-4288, extension 2708.

Very truly yours,  
Donna J. Curry



Customer Service Specialist  
Facilities Planning Department

DC:dc

Enclosures: 14-444

**RECOMMENDED BOARD ORDER 7(a-1.4)**

To the Board of Directors

**FOR BOARD ACTION**

**ADOPT RESOLUTION NO. R-23-16**  
**JOINT TAX SHARING RESULTING FROM ANNEXATION No. 14-443**  
**WITH COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY**

The Board of Directors adopted the following board order on May 23,  
2023:

Adoption of Resolution No. R-23-16, Joint Tax Sharing Resolution  
resulting from territory Annexation No. 14-443 of territory to County  
Sanitation Districts of Los Angeles County and authorizing Board President  
to execute said Resolution, to be approved as requested.

Motion by \_\_\_\_\_

Second by \_\_\_\_\_

Carried \_\_\_\_\_

**BOARD ORDER 7(a-1.4)**

05-23-23

JOINT RESOLUTION OF THE BOARD OF SUPERVISORS OF THE COUNTY OF LOS ANGELES  
ACTING IN BEHALF OF

- Los Angeles County General Fund
- Los Angeles County Library
- Los Angeles County Consolidated Fire Protection District
- Los Angeles County Waterworks #40 - Antelope Valley
- Los Angeles County Waterworks #40 Aco Fund

THE BOARD OF DIRECTORS OF COUNTY SANITATION DISTRICT NO. 14 OF LOS ANGELES  
COUNTY, AND THE GOVERNING BODIES OF

- Antelope Valley Cemetery District
- Antelope Valley Mosquito & Vector Control District
- Antelope Valley Resource Conservation District
- City of Lancaster
- Antelope Valley - East Kern Water Agency

APPROVING AND ACCEPTING NEGOTIATED EXCHANGE OF PROPERTY TAX REVENUES  
RESULTING FROM ANNEXATION TO COUNTY SANITATION DISTRICT NO. 14.

**"ANNEXATION NO. 443"**

**WHEREAS**, pursuant to Section 99 and 99.01 of the Revenue and Taxation Code, prior to the effective date of any jurisdictional change which will result in a special district providing a new service, the governing bodies of all local agencies that receive an apportionment of the property tax from the area must determine the amount of property tax revenues from the annual tax increment to be exchanged between the affected agencies and approve and accept the negotiated exchange of property tax revenues by resolution; and

**WHEREAS**, the governing bodies of the agencies signatory hereto have made determinations of the amount of property tax revenues from the annual tax increments to be exchanged as a result of the annexation to County Sanitation District No. 14 entitled *Annexation No. 443*;

**NOW, THEREFORE, BE IT RESOLVED AS FOLLOWS:**

1. The negotiated exchange of property tax revenues resulting from the annexation of territory to County Sanitation District No. 14 in the annexation entitled *Annexation No. 443* is approved and accepted.
2. For each fiscal year commencing on and after July 1, 2022, or after the effective date of this jurisdictional change, whichever is later, the County Auditor shall transfer to County Sanitation District

No. 14 a total of 0.3226022 percent of the annual tax increment attributable to the land area encompassed within *Annexation No. 443* as shown on the attached Worksheet.

3. No additional transfer of property tax revenues shall be made from any other tax agencies to County Sanitation District No. 14 as a result of annexation entitled *Annexation No. 443*.

4. No transfer of property tax increments from properties within a community redevelopment project, which are legally committed to a Community Redevelopment Agency, shall be made during the period that such tax increment is legally committed for repayment of the redevelopment project costs.

5. If at any time after the effective date of this resolution, the calculations used herein to determine initial property tax transfers or the data used to perform those calculations are found to be incorrect thus producing an improper or inaccurate property tax transfer, the property tax transfer shall be recalculated and the corrected transfer shall be implemented for the next fiscal year.

The foregoing resolution was adopted by the Board of Supervisors of the County of Los Angeles, the Board of Directors of County Sanitation District No. 14 of Los Angeles County, and the governing bodies of Antelope Valley Cemetery District, Antelope Valley Mosquito & Vector Control District, Antelope Valley Resource Conservation District, City of Lancaster, and Antelope Valley - East Kern Water Agency, signatory hereto.

ANTELOPE VALLEY - EAST KERN  
WATER AGENCY

\_\_\_\_\_  
SIGNATURE

ATTEST:

\_\_\_\_\_  
PRINT NAME AND TITLE

\_\_\_\_\_  
Secretary

R-23-16

\_\_\_\_\_  
Date

(SIGNED IN COUNTERPART)

ANNEXATION TO: CO.SANITATION DIST.NO 14 DEBT S.  
 ACCOUNT NUMBER: 066.45  
 TRA: 02417  
 EFFECTIVE DATE: 07/01/2023  
 ANNEXATION NUMBER: 443 PROJECT NAME: A-14-443  
 DISTRICT SHARE: 0.006006203

ACCOUNT #	TAXING AGENCY	CURRENT TAX SHARE	PERCENT	PROPOSED DIST SHARE	ALLOCATED SHARE	ADJUSTMENTS	NET SHARE
001.05	LOS ANGELES COUNTY GENERAL	0.235088312	23.5100 %	0.006006203	0.001411997	-0.001449971	0.233638341
001.20	L.A. COUNTY ACCUM CAP OUTLAY	0.000141586	0.0141 %	0.006006203	0.000000850	0.000000000	0.000141586
003.01	L A COUNTY LIBRARY	0.025710347	2.5710 %	0.006006203	0.000154421	-0.000154421	0.025555926
007.30	CONSOL. FIRE PRO.DIST.OF L.A.CO.	0.170632718	17.0632 %	0.006006203	0.001024854	-0.001024854	0.169607864
007.31	L A C FIRE-FFW	0.006180950	0.6180 %	0.006006203	0.0000037124	0.000000000	0.006180950
047.04	LA CO WATERWORKS #40 ANTELOPE VY	0.007399360	0.7399 %	0.006006203	0.000044442	-0.000044442	0.007354918
051.75	L A CO WATER WKS NO 40 ACO FUND	0.005656935	0.5656 %	0.006006203	0.000033976	-0.000033976	0.005622959
053.30	ANTELOPE VY CEMETERY DISTRICT	0.001191946	0.1191 %	0.006006203	0.000007159	-0.000007159	0.001184787
061.05	ANTELOPE VLY MOSQ & VECTOR CONTR	0.001483408	0.1483 %	0.006006203	0.000008909	-0.000008909	0.001474499
068.05	ANTELOPE VY RESOURCE CONSER DIST	0.000815499	0.0815 %	0.006006203	0.000004898	-0.000004898	0.000810601
186.01	CITY-LANCASTER TD #1	0.066107188	6.6107 %	0.006006203	0.000397053	-0.000397053	0.065710135
300.10	ANTELOPE VY.-EAST KERN WATER AGY	0.016706040	1.6706 %	0.006006203	0.000100339	-0.000100339	0.016605701
400.00	EDUCATIONAL REV AUGMENTATION FD	0.065302683	6.5302 %	0.006006203	0.000392221	EXEMPT	0.065302683
400.01	EDUCATIONAL AUG FD IMPOUND	0.132634057	13.2634 %	0.006006203	0.000796627	EXEMPT	0.132634057
400.15	COUNTY SCHOOL SERVICES	0.001522548	0.1522 %	0.006006203	0.000009144	EXEMPT	0.001522548
400.21	CHILDREN'S INSTIL TUITION FUND	0.003026361	0.3026 %	0.006006203	0.000018176	EXEMPT	0.003026361
689.01	WESTSIDE UNION SCHOOL DISTRICT	0.094806698	9.4806 %	0.006006203	0.000569428	EXEMPT	0.094806698
689.06	CO.SCH.SERV.FD.- WESTSIDE UNION	0.008819562	0.8819 %	0.006006203	0.000052972	EXEMPT	0.008819562
689.07	DEV CTR HDCCPD MINOR WESTSIDE UN	0.000915439	0.0915 %	0.006006203	0.000005498	EXEMPT	0.000915439

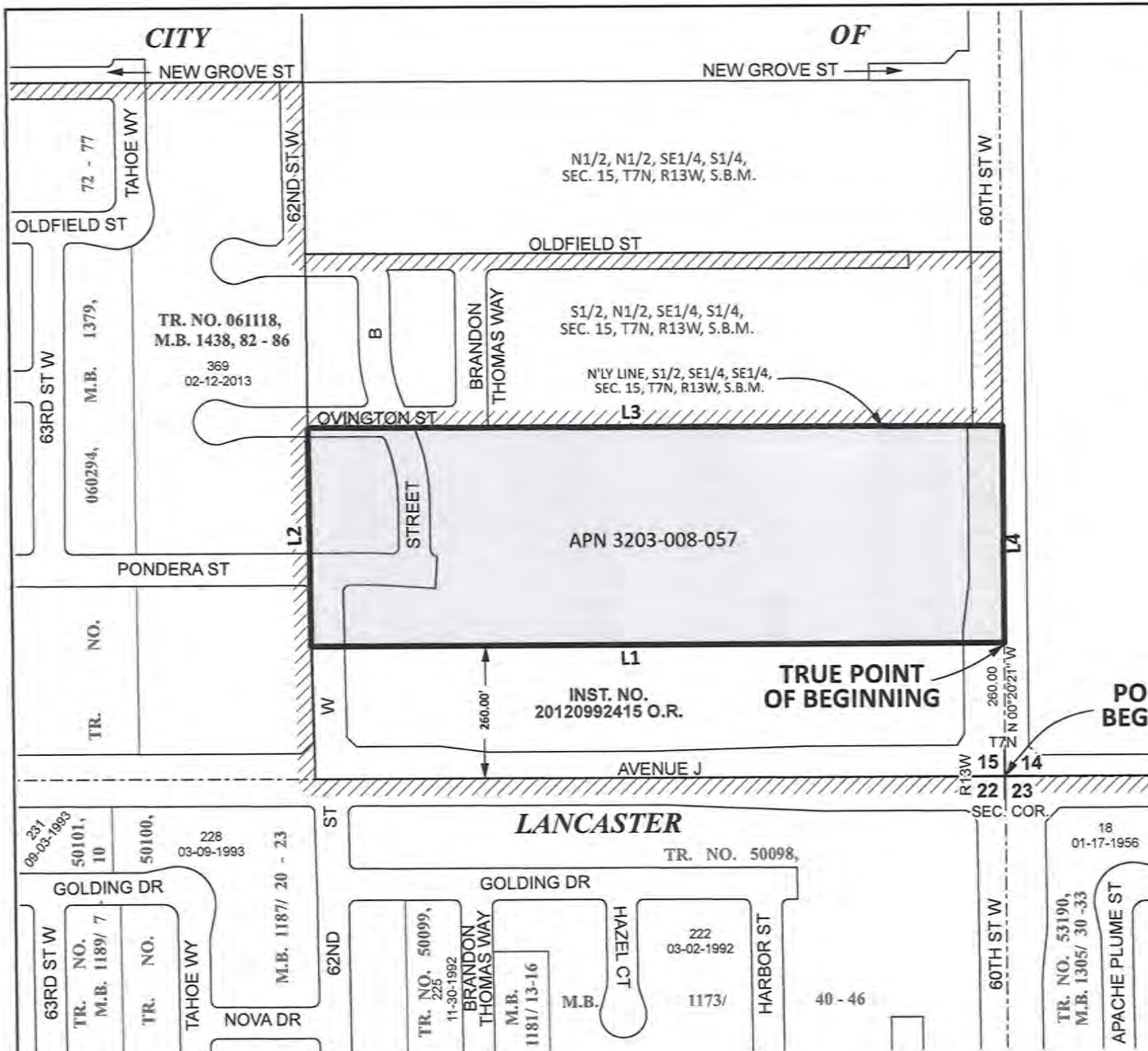


ANNEXATION NUMBER: 443

PROJECT NAME: A-14-443

TRA: 02417

ACCOUNT #	TAXING AGENCY	CURRENT TAX SHARE	PERCENT	PROPOSED DIST SHARE	ALLOCATED SHARE	ADJUSTMENTS	NET SHARE
717.02	ANTELOPE VALLEY UNION HIGH SCH.	0.084241687	8.4241 %	0.006006203	0.000505972	EXEMPT	0.084241687
717.06	CO.SCH.SERV.FD.- ANTELOPE VALLEY	0.000352665	0.0352 %	0.006006203	0.000002118	EXEMPT	0.000352665
717.07	ANTELOPE VY.UN.HI.-ELEM SCH FD.	0.041271637	4.1271 %	0.006006203	0.000247885	EXEMPT	0.041271637
792.04	ANTELOPE VY.JT. COMMUNITY COLL.	0.029992374	2.9992 %	0.006006203	0.000180140	EXEMPT	0.029992374
***066.45	CO.SANITATION DIST.NO 14 DEBT S.	0.000000000	0.0000 %	0.006006203	0.000000000	0.000000000	0.003226022
TOTAL:		1.000000000	100.0000 %		0.006006203	-0.003226022	1.000000000

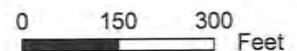


VICINITY MAP  
NO SCALE

**COURSE DATA**

L1	N 89°59'12" W	1312.93'
L2	N 00°20'21" W	406.10'
L3	N 89°58'55" E	1314.43'
L4	S 00°07'38" E	406.82'

POINT OF BEGINNING



**"FOR TAX ASSESSMENT PURPOSES ONLY"**

LA County Assessor Landbase,  
CAMS Centerline, DPIW City boundary  
LA County Sanitation Districts:  
AnnexationLayer and District Layer

- Annexation No. 443 shown thus .....
- Boundary of Sanitation District No. 14 prior to Annexation No. 443 shown thus .....
- Prior Annexations shown thus .....
- Area of Annexation .....



ANNEX. NO.  
(RECORDING DATE)

12.258 Acres

COUNTY SANITATION DISTRICT NO. 14  
OF LOS ANGELES COUNTY, CA  
OFFICE OF CHIEF ENGINEER  
ROBERT C. FERRANTE  
CHIEF ENGINEER & GENERAL MANAGER  
**ANNEXATION NO. 443**  
TO  
COUNTY SANITATION DISTRICT NO. 14  
Recorded.

R-23-16



**LOS ANGELES COUNTY  
SANITATION DISTRICTS**  
*Converting Waste Into Resources*

**Robert C. Ferrante**  
Chief Engineer and General Manager

1955 Workman Mill Road, Whittier, CA 90601-1400  
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998  
(562) 699-7411 • www.lacsd.org

April 20, 2023  
General Annexation File

**Avek Water Agency**

**MAY 08 2023**

**Received**

Ms. Holly Hughes, Secretary-Treasurer  
Antelope Valley - East Kern Water Agency  
6500 West Avenue N  
Palmdale, CA 93551

Dear Ms. Hughes:

**Tax Sharing Resolutions**

Thank you for signing and returning the last joint resolutions that were submitted to your office for tax sharing purposes.

Enclosed, in triplicate, is a Joint Tax Sharing Resolution (resolution) involving your agency and others. The applicant has requested, in writing, annexation of his property into the County Sanitation District No. 14 (District) in order to receive off-site disposal of sewage. Please see the table below for the annexation and its associated project. The annexation process requires that a resolution for property tax revenue exchange be adopted by all the affected local agencies before an annexation may be approved. For any jurisdictional change which will result in a special district providing new service not previously provided to an area, the law requires the governing bodies of all local agencies that receive an apportionment of the property tax from the area to determine by resolution the amount of the annual tax increment to be transferred to the special district (Revenue and Taxation Code Section 99.01). Please note that by sharing the property tax increment with the District resulting from this annexation, your agency will not lose any existing ad valorem tax revenue it currently receives from the affected territory. Your agency would only be giving up a portion of the revenues it would receive on increased assessed valuation.

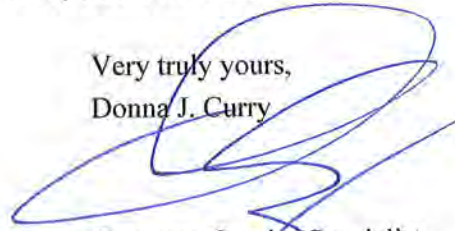
<b><u>Annexation No.</u></b>	<b><u>Type of Project</u></b>
14-443	108 proposed single-family homes

Also, attached for the annexation is a copy of the applicable worksheet and map showing the location of the annexation. The worksheet lists the annual tax increment to be exchanged between your agency, other affected taxing entities, and the District. The tax sharing ratios listed in the worksheet were calculated by the County Auditor Controller by specific Tax Rate Area (TRA). For example, if the annexing territory were to lie within two separate TRAs, there would be a worksheet for each TRA. The Los Angeles County Chief Executive Office (CEO) is requiring the District to implement the worksheet for all District annexations in order to increase efficiency for the calculation of property tax sharing ratios.

The resolution is being distributed to all parties for signature in counterpart. Therefore, you will only be receiving a signature page for your agency. Enclosed are three sets of the resolution. One set of the resolution is for your files and the other two sets of the resolution need to be returned to the District. Please execute the two sets of the resolution and return them to the undersigned within 60 days as required by the Government Code. In addition, the County CEO's legal counsel is also requesting that the signature pages be properly executed from all affected agencies. Therefore, please have the Attest line signed by the appropriate person. Upon completion of the annexation process, your office will receive a fully executed copy of the tax sharing resolution for your files.

Your continued cooperation in this matter is very much appreciated. If you have any questions, please do not hesitate to call me at (562) 908-4288, extension 2708.

Very truly yours,  
Donna J. Curry



Customer Service Specialist  
Facilities Planning Department

DC:dc

Enclosures: 14-443

**RECOMMENDED BOARD ORDER 7(a-1.5)**

To the Board of Directors

**FOR BOARD ACTION**

**PFM QUARTERLY REPORT:**

The Board of Directors adopted the following board order on  
May 23, 2023:

That the PFM Quarterly Report for the period ending March 31, 2023,  
be approved, and accepted for filing.

Motion by \_\_\_\_\_

Second by \_\_\_\_\_

Carried \_\_\_\_\_

**BOARD ORDER 9(a-2)**

05-23-23



# Antelope Valley East Kern Water Agency

## Investment Performance Review For the Quarter Ended March 31, 2023

### Client Management Team

### PFM Asset Management LLC

Sarah Meacham, Managing Director  
Michael Downs, CFA, Portfolio Manager  
Richard Babbe, CCM, Senior Managing Consultant

633 W 5th St., 25th Floor  
Los Angeles, CA 90071  
213-415-1699

213 Market Street  
Harrisburg, PA 17101-2141  
717-232-2723

**NOT FDIC INSURED : NO BANK GUARANTEE : MAY LOSE VALUE**

*For Institutional Investor or Investment Professional Use Only - This material is not for inspection by, distribution to, or quotation to the general public*

---

# Market Update

## Current Market Themes



- ▶ The U.S. economy is characterized by:
  - ▶ Lingering inflation that remains well above the Fed's long-term inflation target
  - ▶ A labor market showing the first signs of moderation
  - ▶ Greater economic uncertainty following the surprise failure of Silicon Valley Bank and Signature Bank



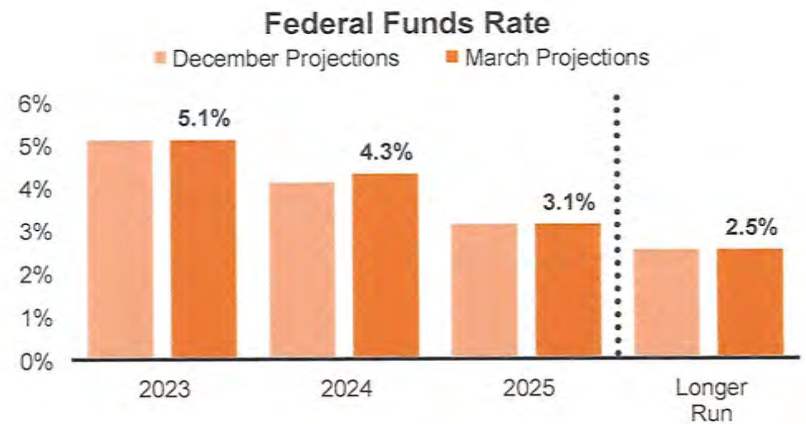
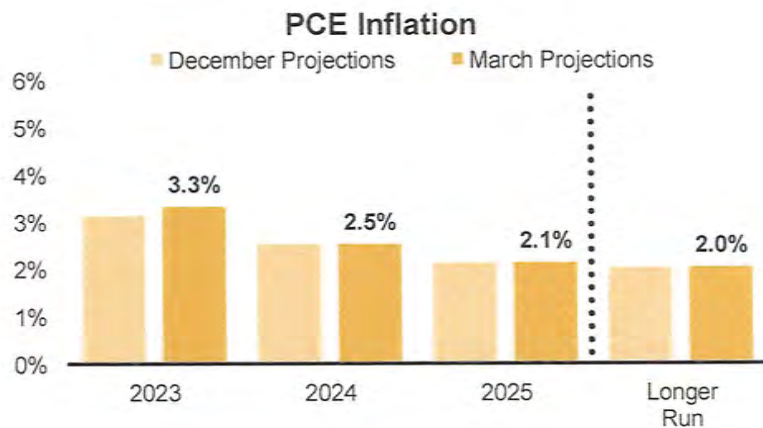
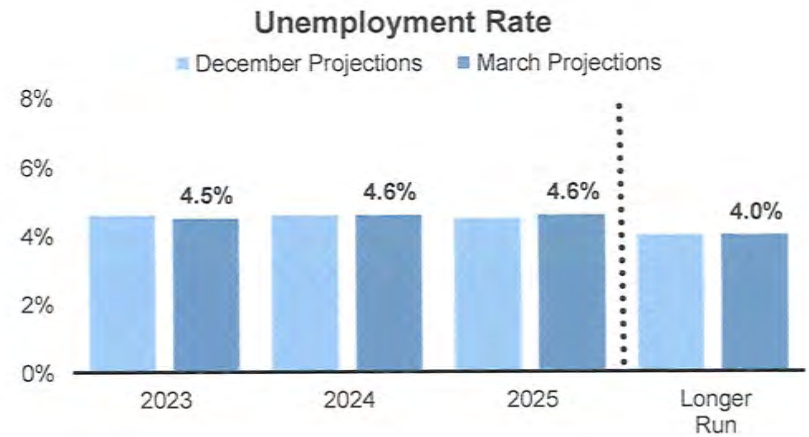
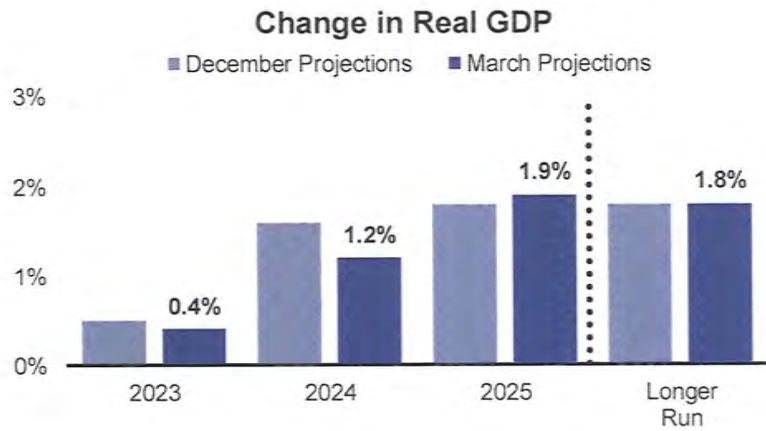
- ▶ Fed policy tightening may be nearly complete
  - ▶ The most recent FOMC statement noted that "some additional policy firming may be appropriate," but the need for more rate hikes has become less clear
  - ▶ Although the Fed acknowledged the impact of the recent bank failures, their March updated Summary of Economic Projections were little changed from December
  - ▶ The Fed has maintained that they will keep rates elevated for some time, but the market is pricing in rate cuts beginning mid-year



- ▶ Bond markets saw unprecedented volatility in March
  - ▶ In a classic "flight to quality," Treasury yields fell sharply, with the 2-year Treasury yield falling from 5.07% on March 8 to under 4.00% on March 17
  - ▶ The curve inversion from 3 months to 10 years reached the deepest levels in over 40 years
  - ▶ Credit yield spreads widened, especially those on banks, but not nearly to levels seen during the global financial crisis



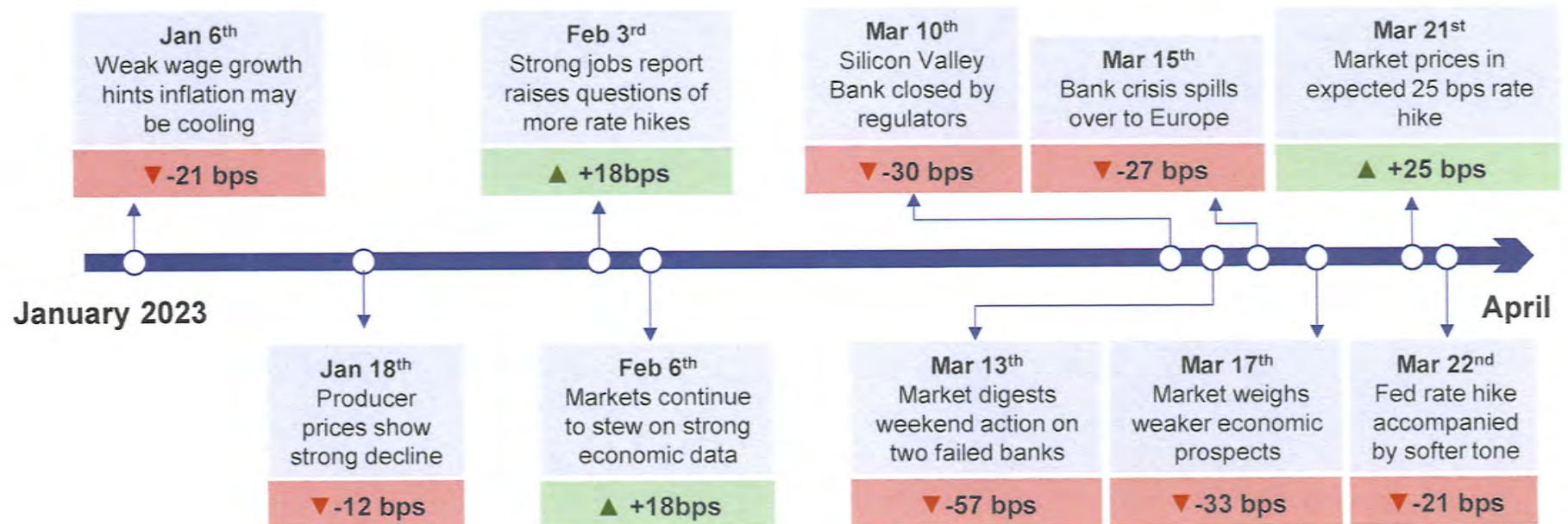
## Fed's Updated Projections Reflect Little Change From December



Source: Federal Reserve, latest economic projections as of March 2023.

## Market Events Drive Large Yield Moves

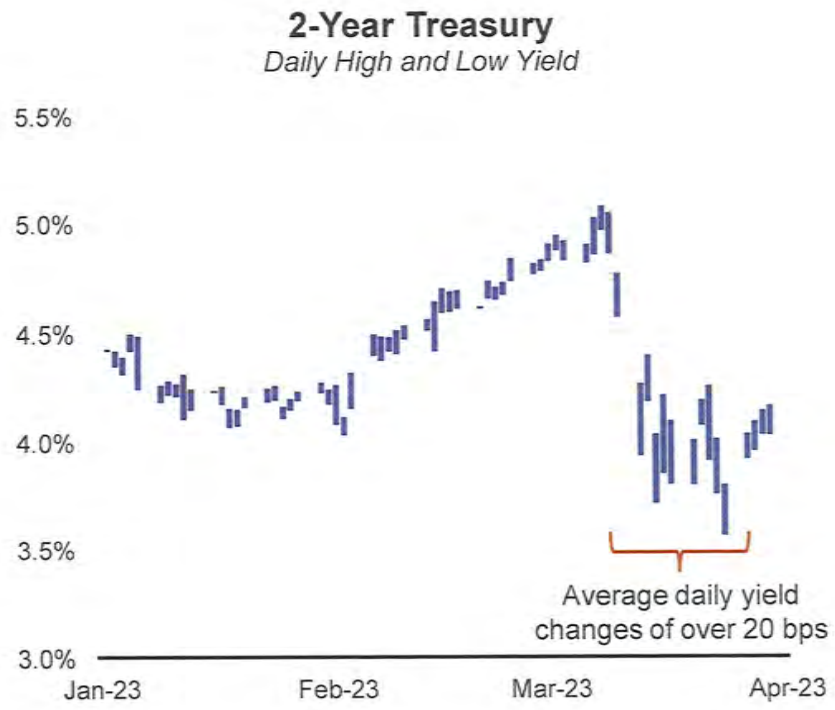
### Major Economic and Market Events and the Daily Change in the 2-Year U.S. Treasury Yield



▼/▲ Changes in 2-Year Treasury

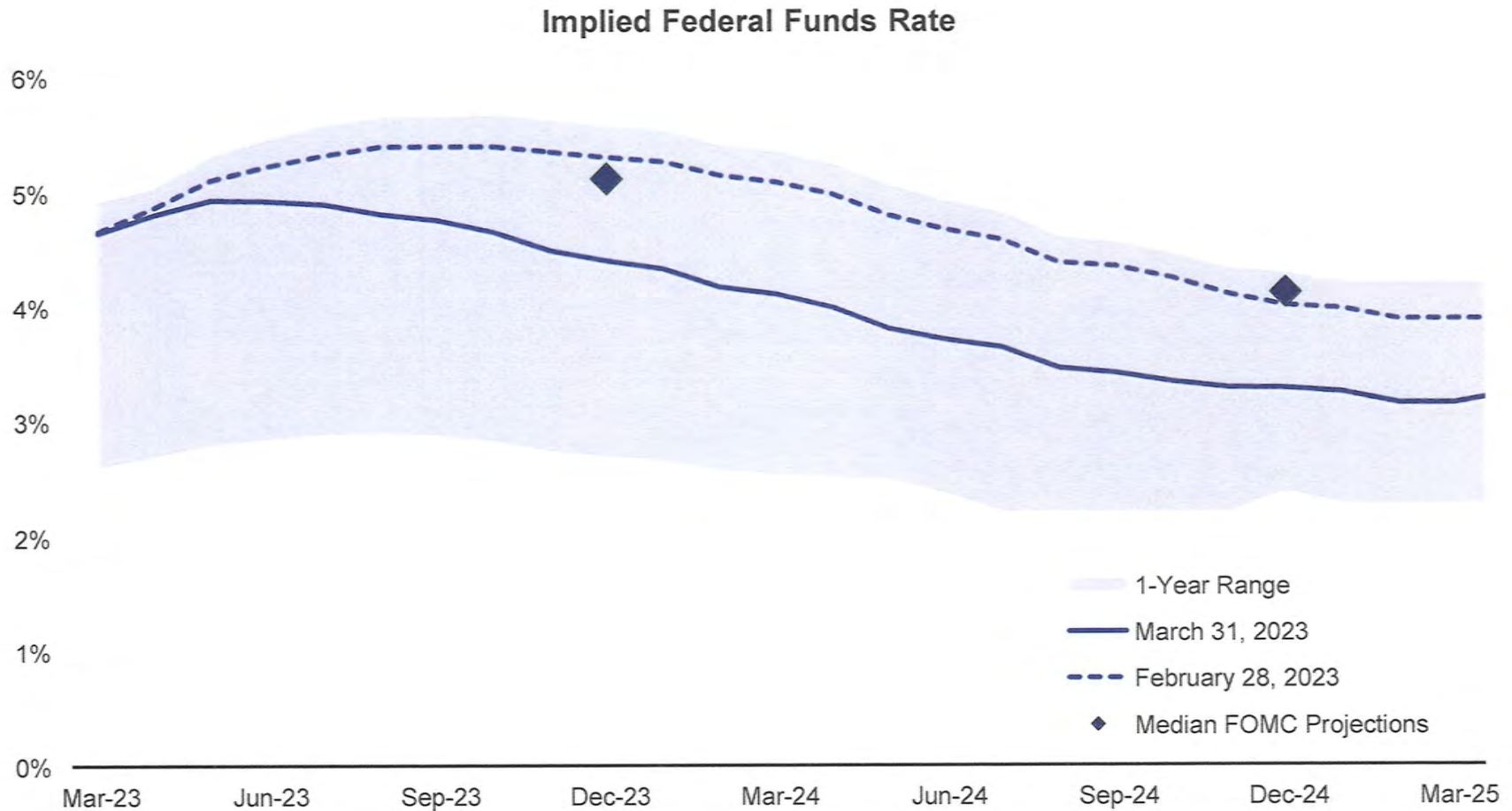
### Bond Markets Saw Unprecedented Volatility in March

The surprise failure of two large U.S. banks caused volatility in the markets. In a classic “flight to quality”, Treasury yields fell sharply, with the 2-year Treasury yield falling from 5.07% on March 8 to 4.03% on March 31.



Source: Bloomberg, ICE BofA Indices. As of 03/31/2023.

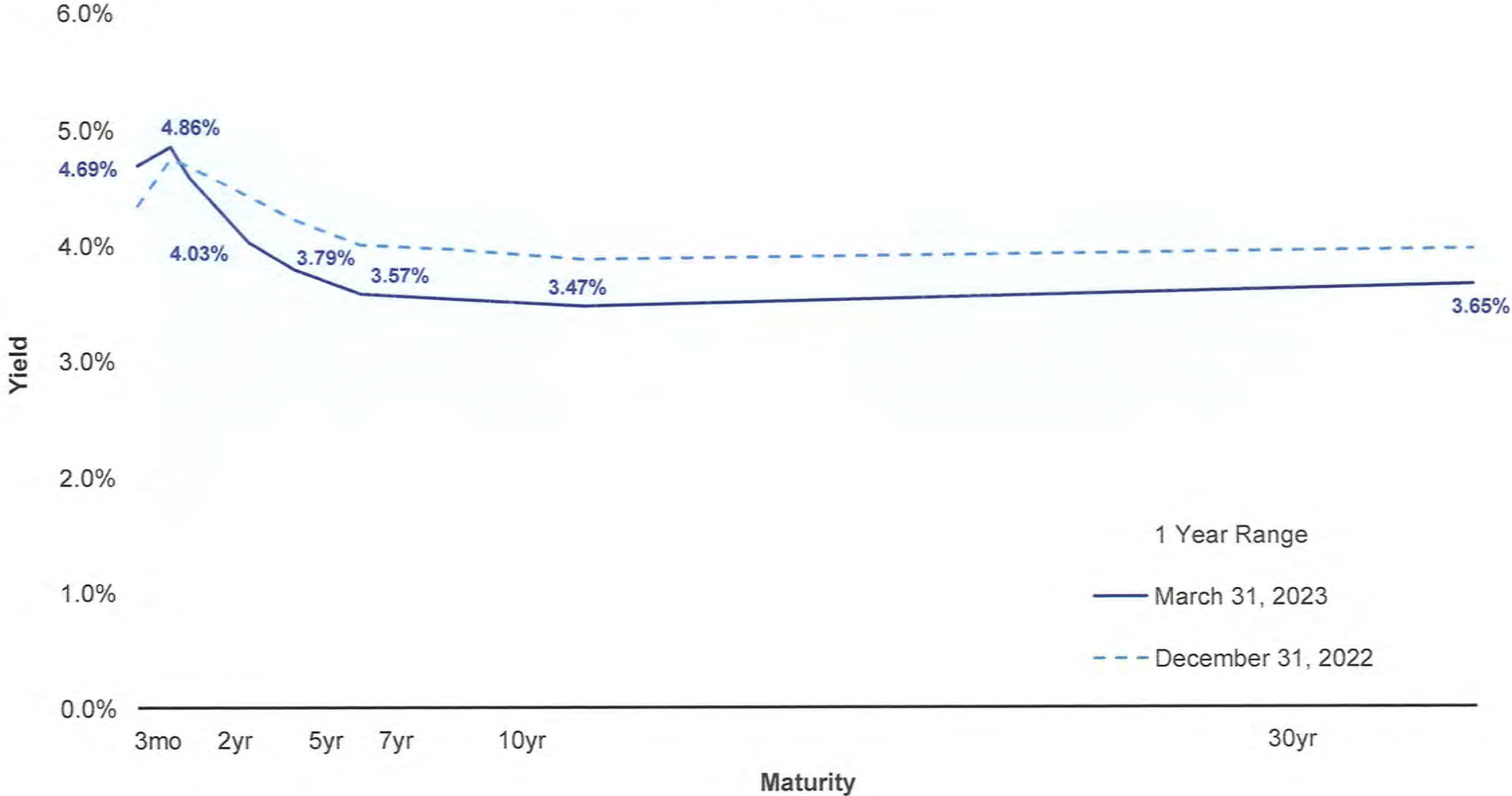
## Market Expectations Evolve Amid Changing Policy Environment



Source: Bloomberg, Federal Reserve latest economic projection as of 03/31/2023.

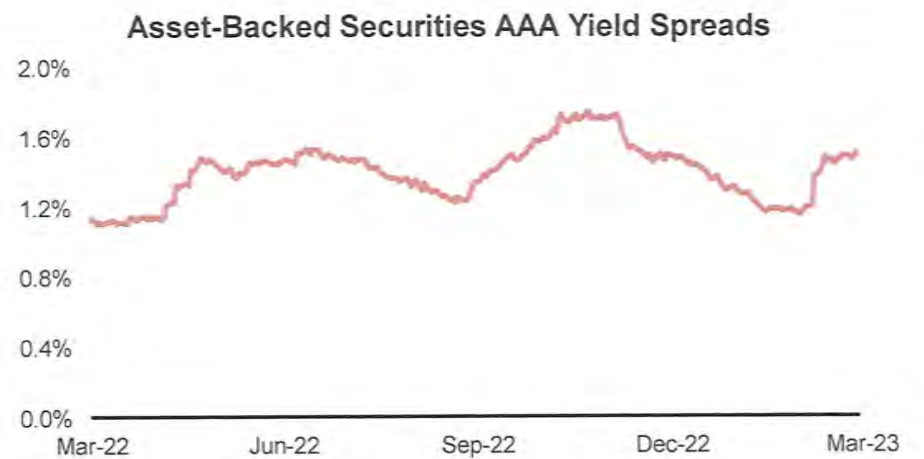
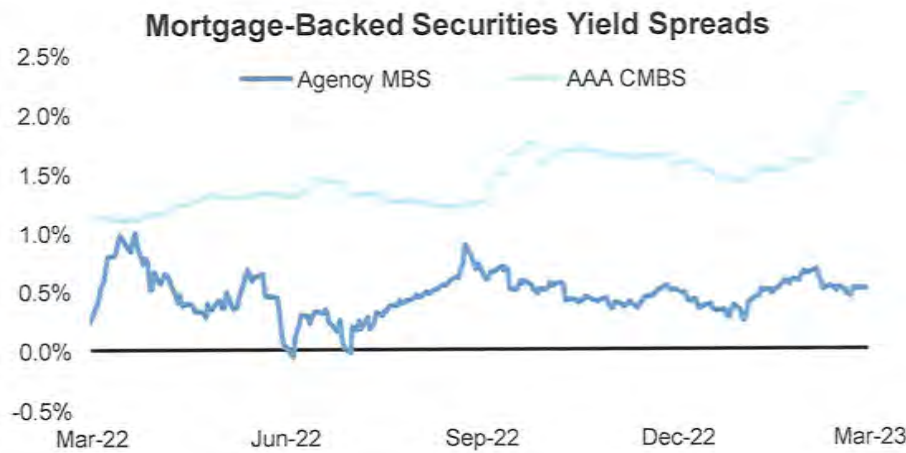
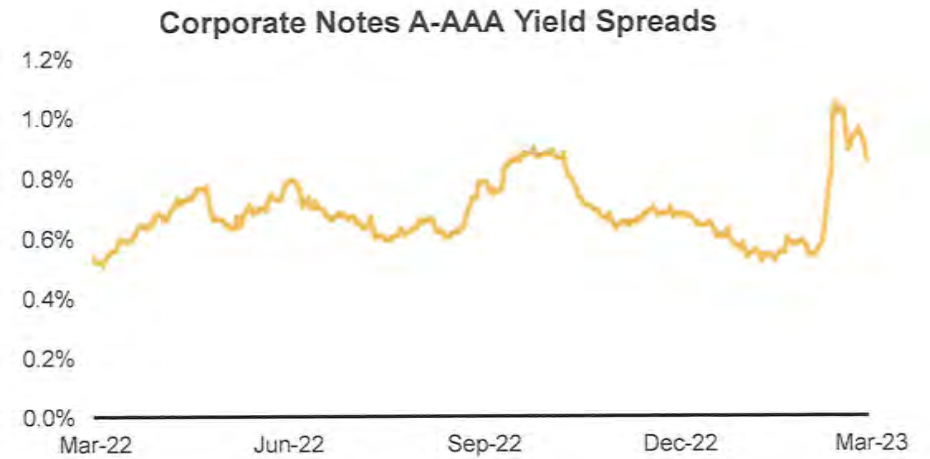
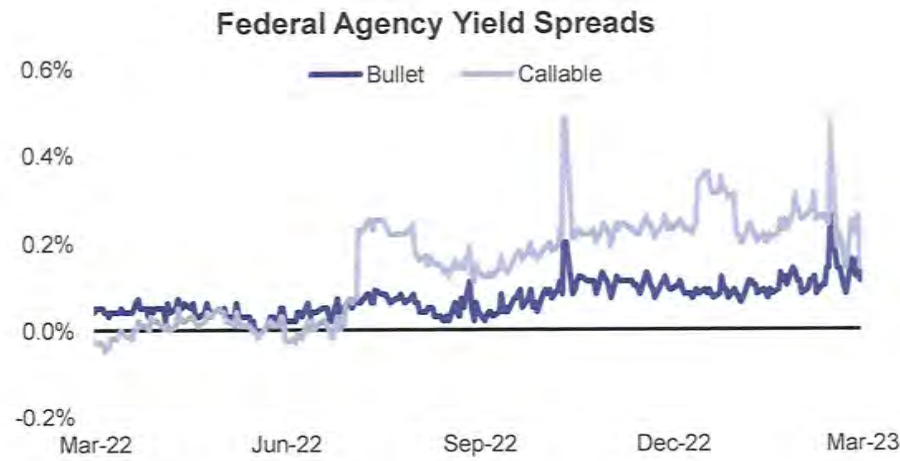
### As Economic Uncertainty Increased, Longer-Term Interest Rates Fell

#### U.S. Treasury Yield Curve



Source: Bloomberg, as of 03/31/2022.

### Sector Yield Spreads



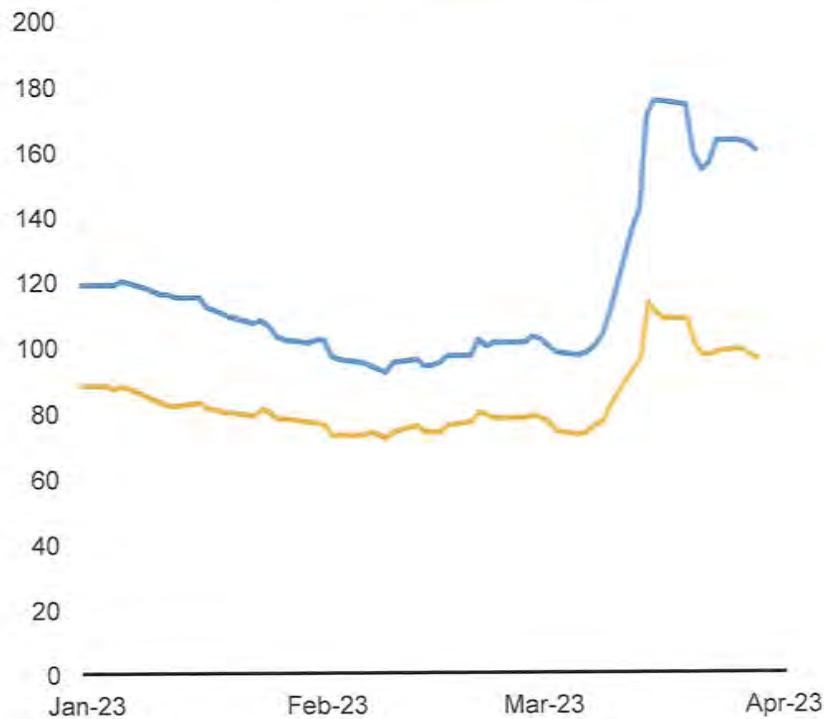
Source: ICE BofAML 1-3 year Indices via Bloomberg, MarketAxess and PFMAM as of 03/31/2023. Spreads on ABS and MBS are option-adjusted spreads of 0-3 year indices based on weighted average life; spreads on agencies are relative to comparable maturity Treasuries. CMBS is Commercial Mortgage-Backed Securities.

## Corporate Yield Spreads Modestly Wider, Led By Financials

### Investment Grade Corporate Spreads

1-5 Year U.S. Corporate Index

— Financials — Industrials



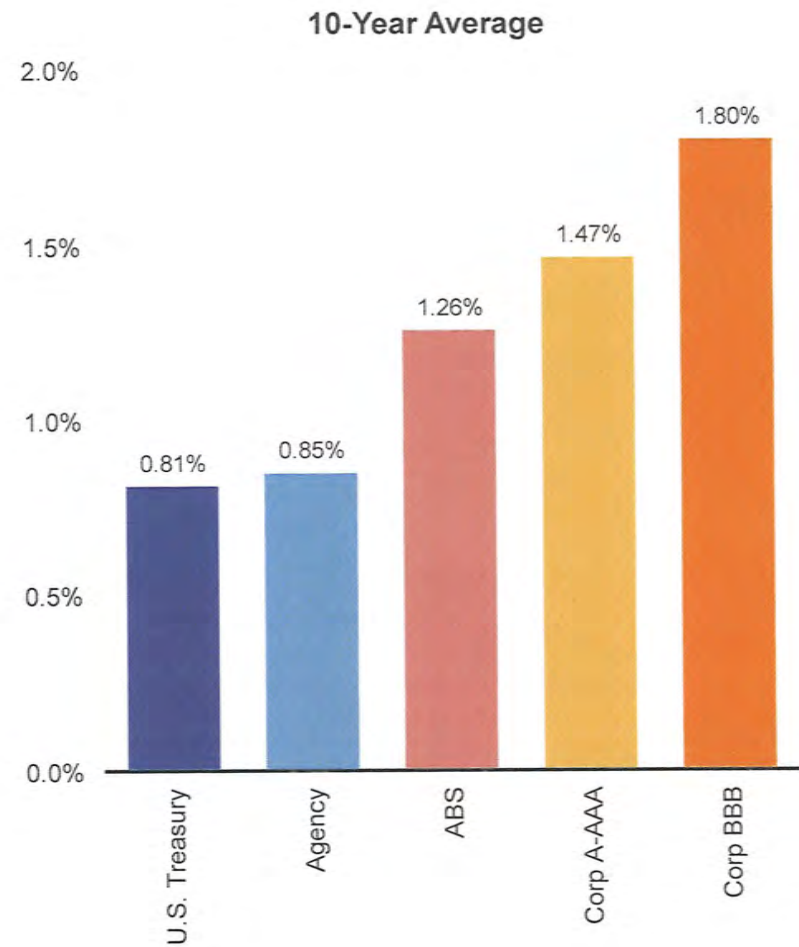
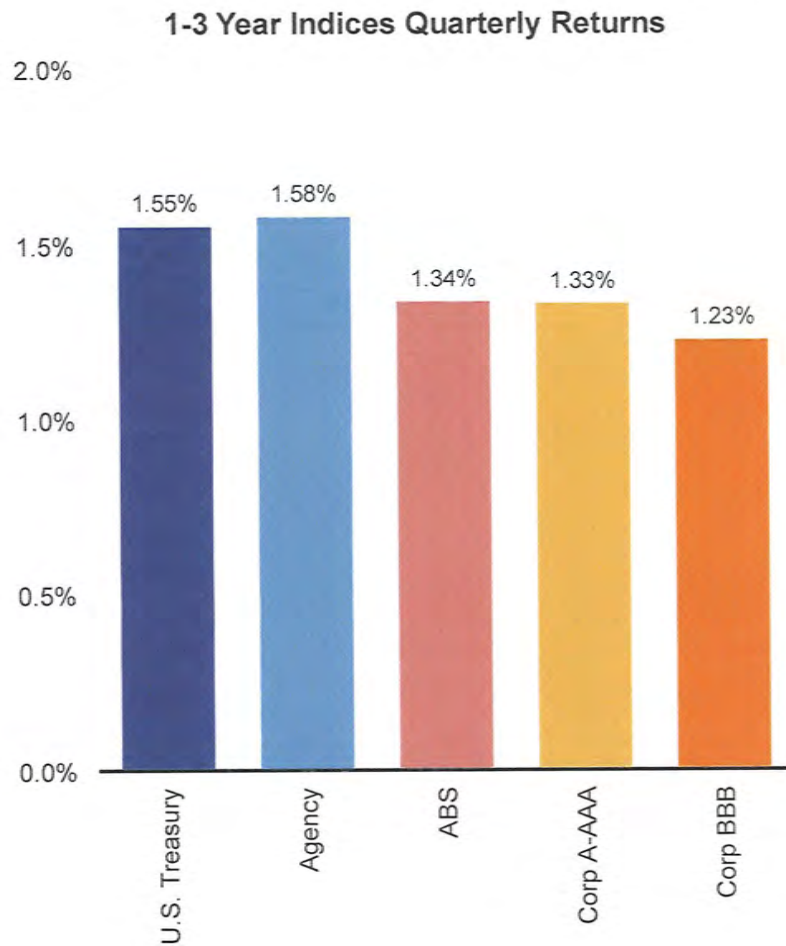
### Difference Between Financial and Industrial Corporate Yield Spreads

1-5 Year U.S. Corporate Index



Source: Bloomberg, ICE BofA Indices as of 03/31/2023.

### Fixed-Income Markets in Q1 2023



Source: ICE BofAML Indices. ABS indices are 0-3 year, based on weighted average life. As of 03/31/2023.



---

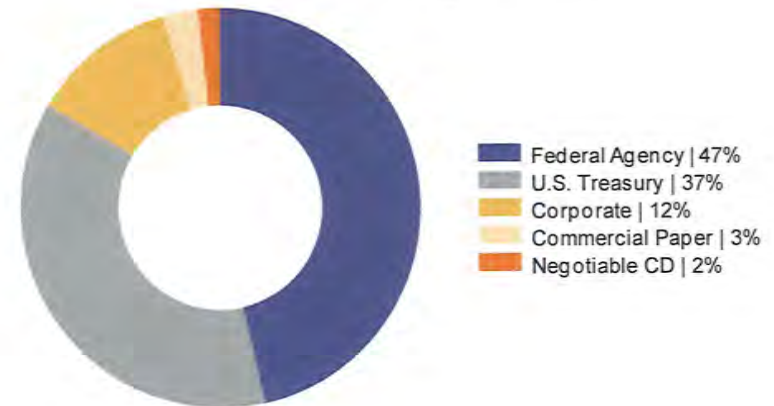
# Portfolio Review

## Portfolio Snapshot<sup>1</sup>

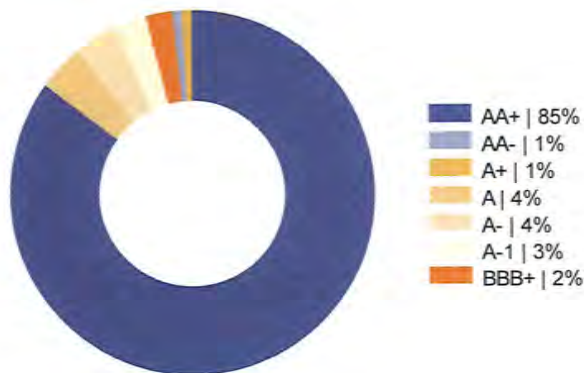
### Portfolio Statistics

<b>Total Market Value</b>	\$26,204,994.75
<i>Securities Sub-Total</i>	\$23,731,624.78
<i>Accrued Interest</i>	\$140,179.42
<i>Cash</i>	\$2,333,190.55
<b>Portfolio Effective Duration</b>	1.22 years
<b>Benchmark Effective Duration</b>	2.50 years
<b>Yield At Cost</b>	3.33%
<b>Yield At Market</b>	4.60%
<b>Portfolio Credit Quality</b>	AA

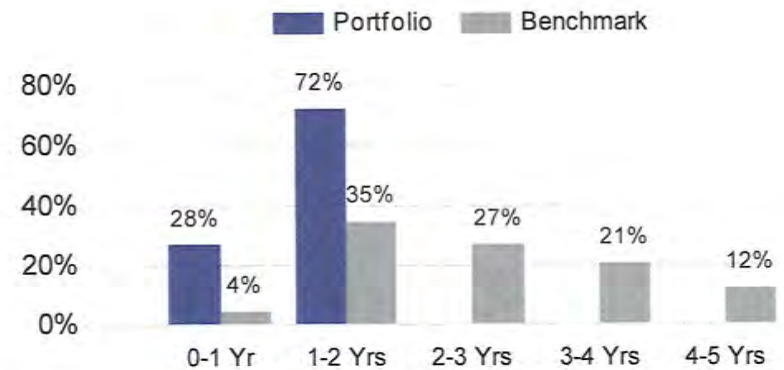
### Sector Allocation



### Credit Quality - S&P

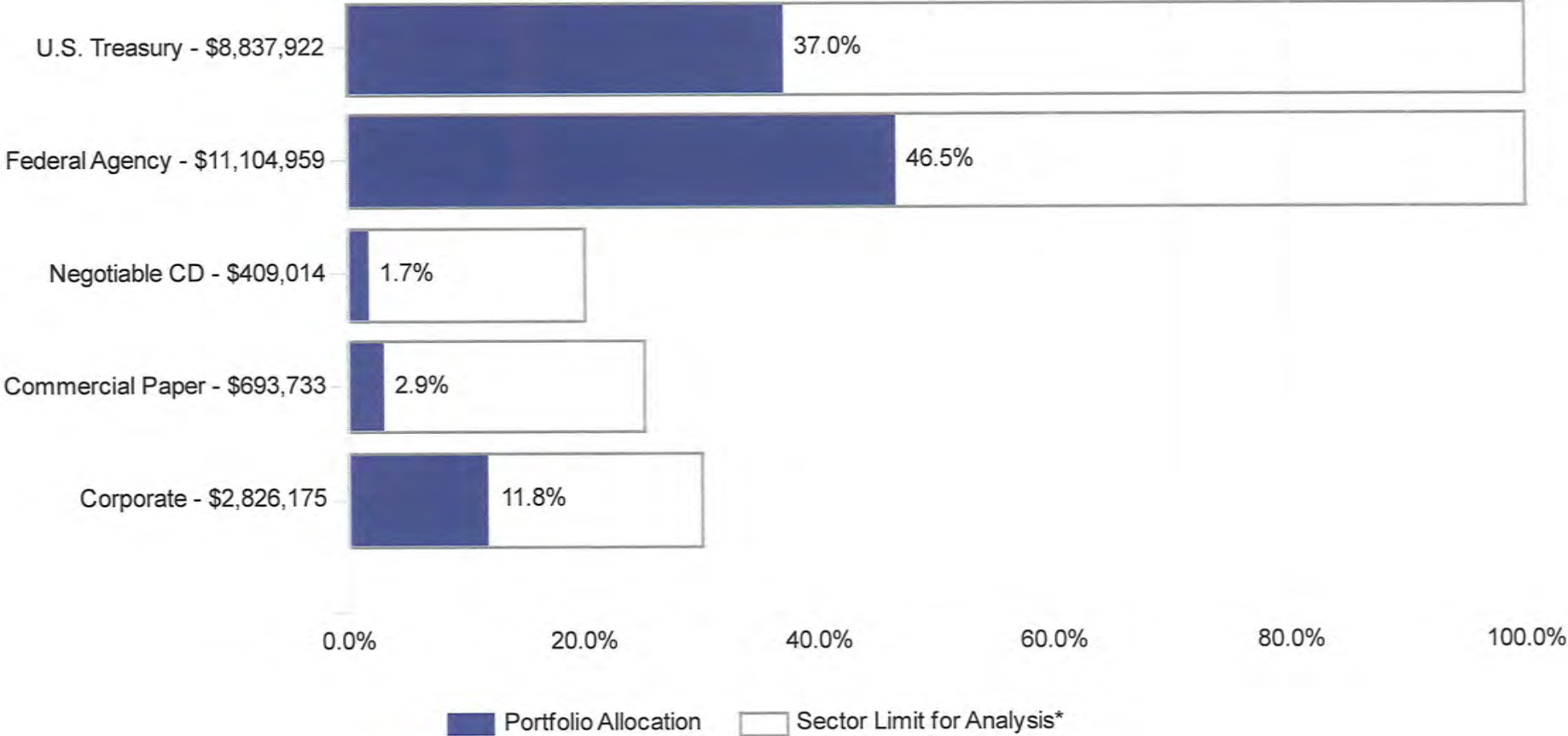


### Duration Distribution



1. Yield and duration calculations exclude cash and cash equivalents. Sector allocation includes market values and accrued interest. The portfolio's benchmark is the ICE BofAML 1-5 Year U.S. Treasury Index. Source: Bloomberg. An average of each security's credit rating was assigned a numeric value and adjusted for its relative weighting in the portfolio.

### Sector Allocation Analytics



For informational/analytical purposes only and is not provided for compliance assurance. Includes accrued interest.  
\*Sector Limit for Analysis is as derived from our interpretation of your most recent Investment Policy as provided.

## Certificate of Compliance

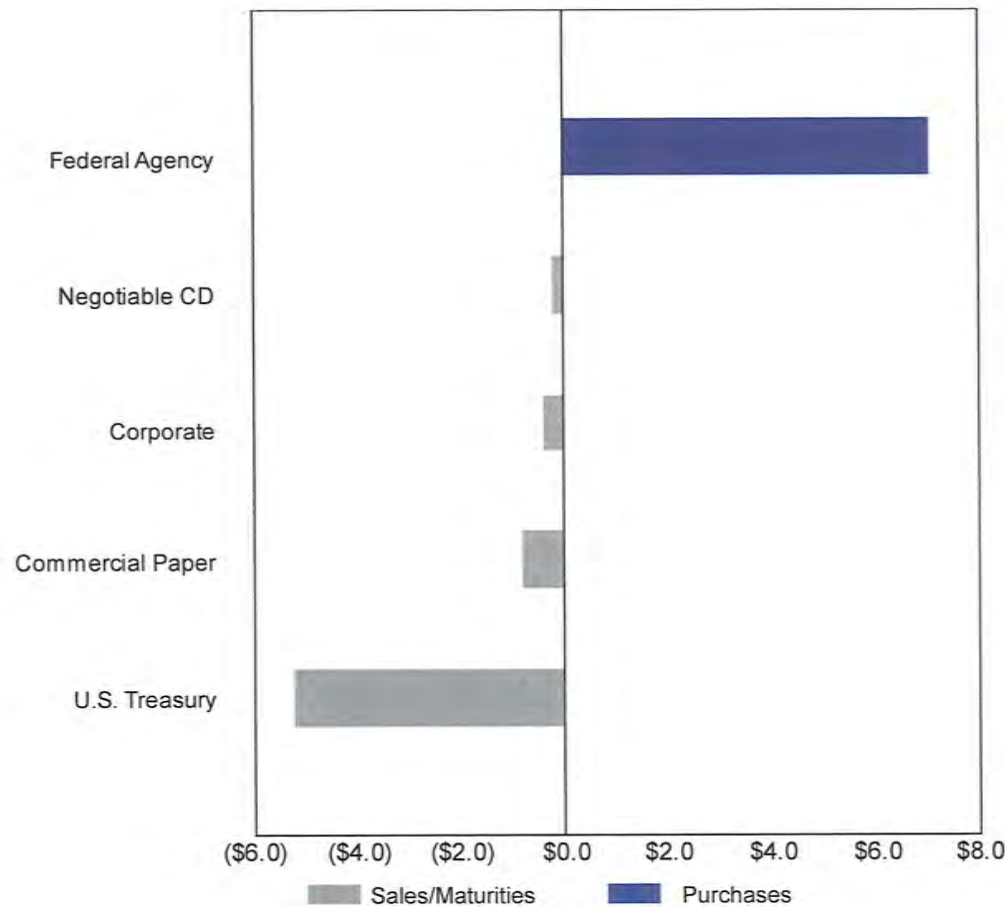
During the reporting period for the quarter ended March 31, 2023, the account(s) managed by PFM Asset Management ("PFMAM") were in compliance with the applicable investment policy and guidelines as furnished to PFMAM.

Acknowledged : *PFM Asset Management LLC*

*Note: Pre- and post-trade compliance for the account(s) managed by PFM Asset Management is provided via Bloomberg Asset and Investment Management ("AIM").*

### Portfolio Activity

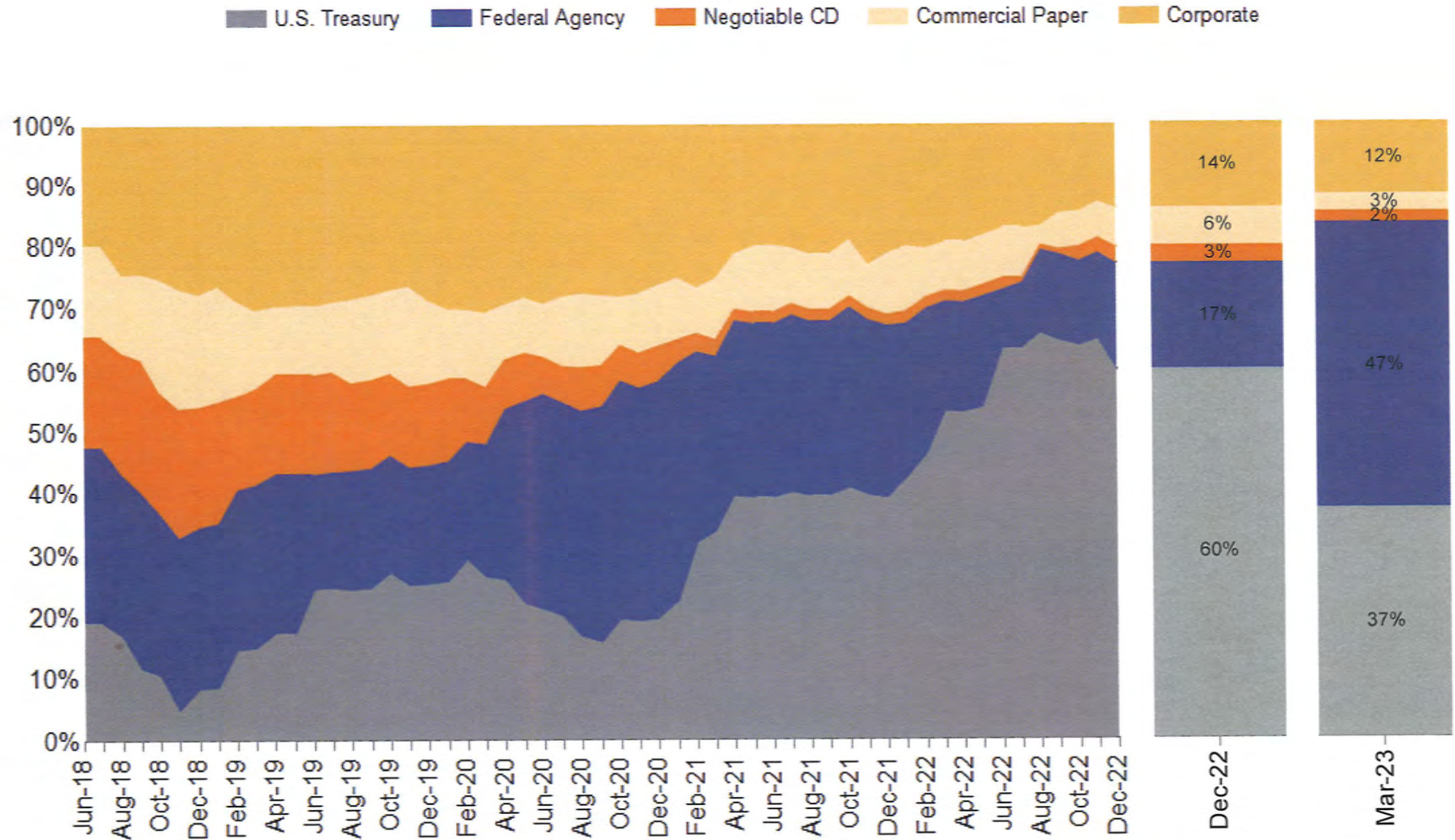
**Net Activity by Sector**  
(\$ millions)



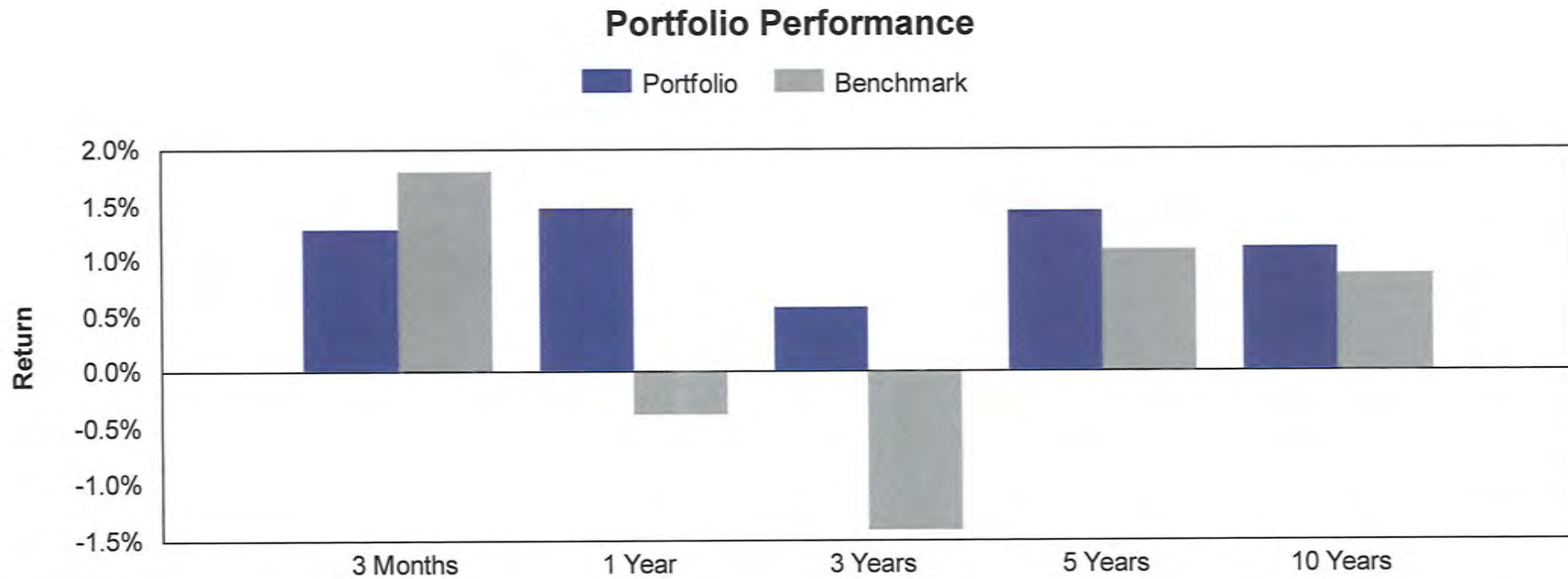
Sector	Net Activity
Federal Agency	\$7,053,436
Negotiable CD	(\$201,196)
Corporate	(\$405,325)
Commercial Paper	(\$790,000)
U.S. Treasury	(\$5,205,500)
<b>Total Net Activity</b>	<b>\$451,415</b>

Based on total proceeds (principal and accrued interest) of buys, sells, maturities, and principal paydowns. Detail may not add to total due to rounding.

### Historical Sector Allocation



Only includes fixed-income securities held within the separately managed account(s) and LGIPs managed by PFMAM.



Market Value Basis Earnings	3 Months	1 Year	3 Years	5 Years	10 Years <sup>1</sup>
Interest Earned <sup>2</sup>	\$165,565	\$435,082	\$1,077,066	\$2,019,066	\$3,805,525
Change in Market Value	\$168,360	(\$51,219)	(\$626,593)	(\$201,698)	(\$991,730)
<b>Total Dollar Return</b>	<b>\$333,925</b>	<b>\$383,863</b>	<b>\$450,473</b>	<b>\$1,817,368</b>	<b>\$2,813,795</b>
<b>Total Return<sup>3</sup></b>					
Portfolio	1.29%	1.49%	0.58%	1.45%	1.11%
Benchmark <sup>4</sup>	1.82%	-0.38%	-1.41%	1.10%	0.87%
<b>Difference</b>	<b>-0.53%</b>	<b>1.86%</b>	<b>1.99%</b>	<b>0.35%</b>	<b>0.24%</b>

1. The lesser of 10 years or since inception is shown. Since inception returns for periods one year or less are not shown. Performance inception date is March 31, 2012.

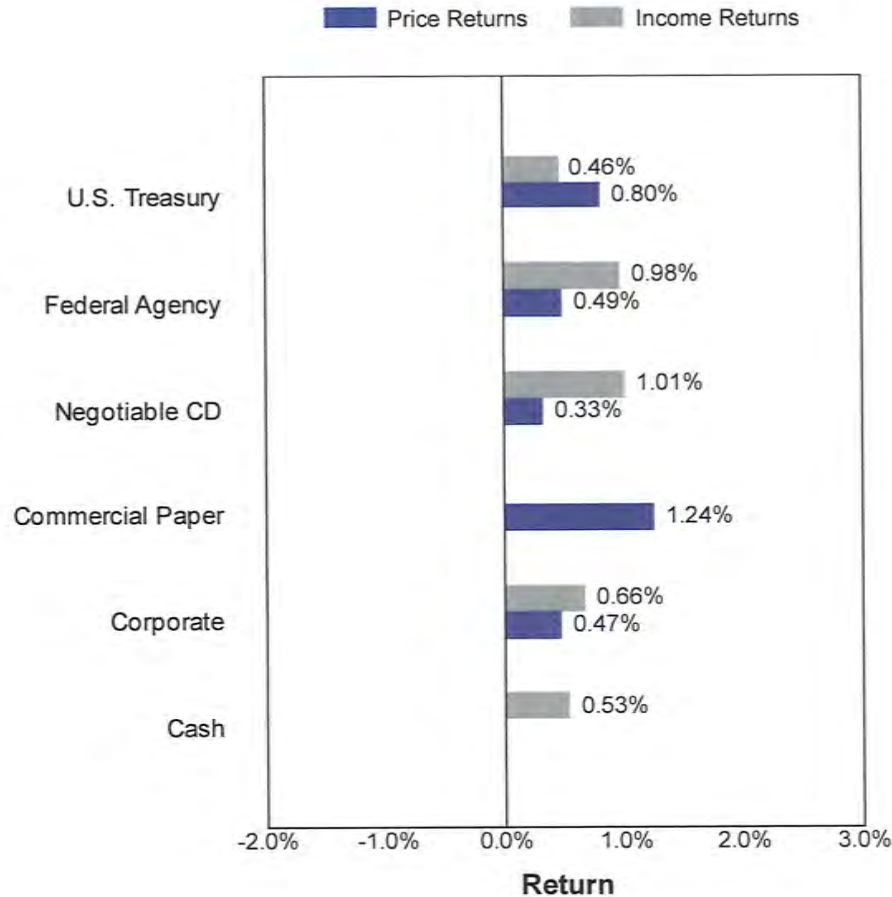
2. Interest earned calculated as the ending accrued interest less beginning accrued interest, plus net interest activity.

3. Returns for periods one year or less are presented on a periodic basis. Returns for periods greater than one year are presented on an annualized basis.

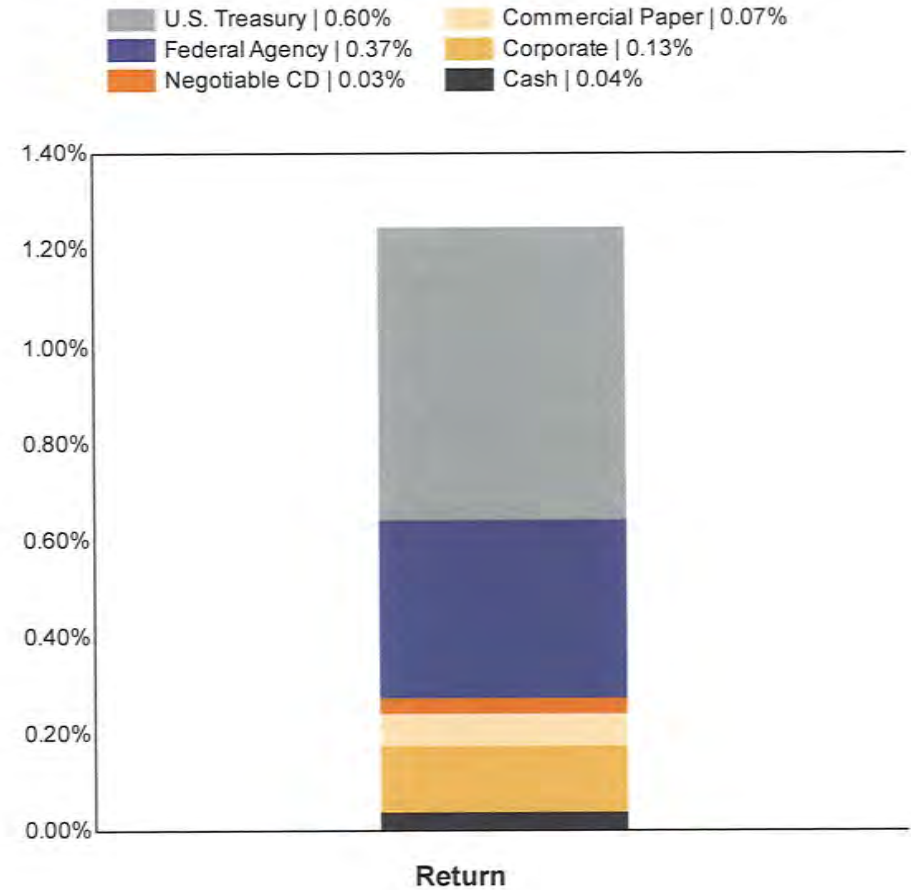
4. The portfolio's benchmark is the ICE BofAML 1-5 Year U.S. Treasury Index. Source: Bloomberg.

### Quarterly Sector Performance

#### Total Return by Sector



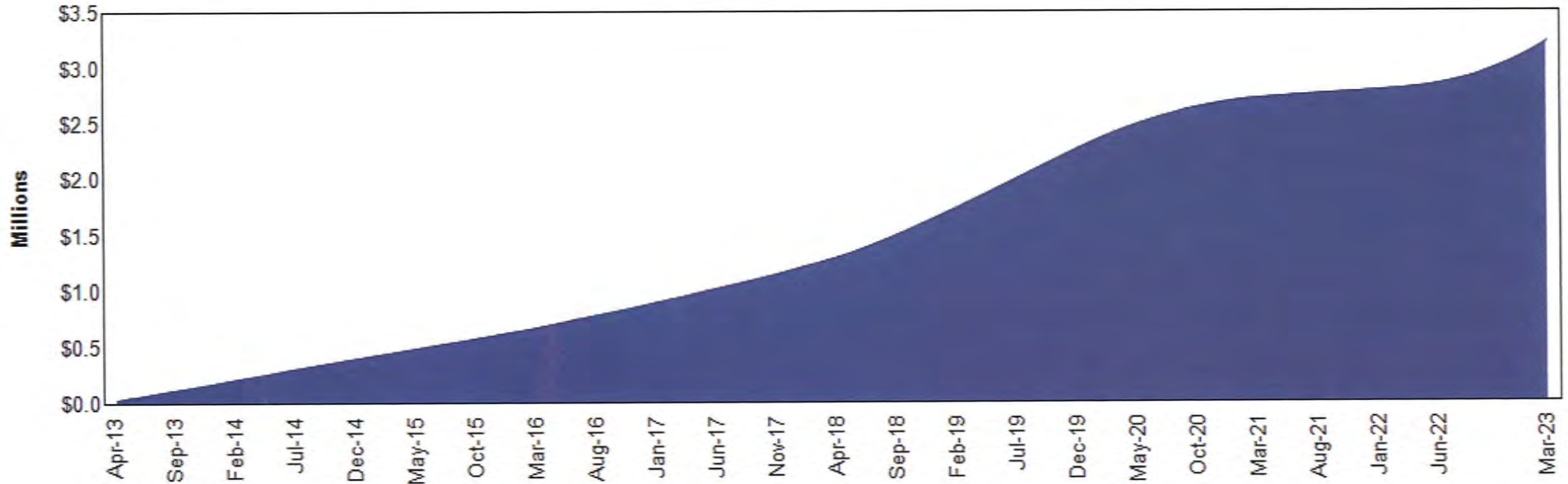
#### Contribution to Total Return



1. Performance on trade-date basis, gross (i.e., before fees), in accordance with the CFA Institute's Global Investment Performance Standards (GIPS).
2. Income returns calculated as interest earned on investments during the period.
3. Price returns calculated as the change in market value of each security for the period.
4. Returns are presented on a periodic basis.



### Accrual Basis Earnings



Accrual Basis Earnings	3 Months	1 Year	3 Years	5 Year	10 Year <sup>1</sup>
Interest Earned <sup>2</sup>	\$165,565	\$435,082	\$1,077,066	\$2,019,066	\$3,805,525
Realized Gains / (Losses) <sup>3</sup>	-	-	\$12,655	\$8,397	\$48,584
Change in Amortized Cost	\$12,424	(\$11,590)	(\$273,634)	(\$60,773)	(\$623,414)
<b>Total Earnings</b>	<b>\$177,989</b>	<b>\$423,493</b>	<b>\$816,086</b>	<b>\$1,966,690</b>	<b>\$3,230,696</b>

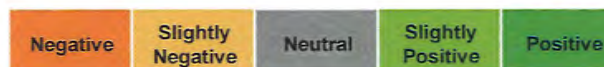
1. The lesser of 10 years or since inception is shown. Performance inception date is March 31, 2012.  
 2. Interest earned calculated as the ending accrued interest less beginning accrued interest, plus net interest activity.  
 3. Realized gains / (losses) are shown on an amortized cost basis.

### Fixed-Income Sector Outlook – 2Q 2023

Sector	Our Investment Preferences
<b>COMMERCIAL PAPER / CD</b>	
<b>TREASURIES</b>	
T-Bill	
T-Note	
<b>FEDERAL AGENCIES</b>	
Bullets	
Callables	
<b>SUPRANATIONALS</b>	
<b>CORPORATES</b>	
Financials	
Industrials	
<b>SECURITIZED</b>	
Asset-Backed	
Agency Mortgage-Backed	
Agency CMBS	
<b>MUNICIPALS</b>	

● Current outlook

○ Outlook one quarter ago



---

# Issuer Distribution

## Issuer Diversification

Security Type / Issuer	Market Value (%)	S&P / Moody's / Fitch
<b>U.S. Treasury</b>	<b>37.0%</b>	
UNITED STATES TREASURY	37.0%	AA / Aaa / AAA
<b>Federal Agency</b>	<b>46.5%</b>	
FEDERAL FARM CREDIT BANKS	23.1%	AA / Aaa / AAA
FEDERAL HOME LOAN BANKS	23.4%	AA / Aaa / NR
<b>Negotiable CD</b>	<b>1.7%</b>	
TORONTO-DOMINION BANK	1.7%	A / A / NR
<b>Commercial Paper</b>	<b>2.9%</b>	
MITSUBISHI UFJ FINANCIAL GROUP INC	2.9%	A / Aa / A
<b>Corporate</b>	<b>11.8%</b>	
AMERICAN EXPRESS CO	0.8%	BBB / A / A
AMERICAN HONDA FINANCE	0.8%	A / A / A
APPLE INC	1.6%	AA / Aaa / NR
BANK OF AMERICA CO	1.5%	A / A / AA
CATERPILLAR INC	0.8%	A / A / A
CHEVRON CORPORATION	0.8%	AA / Aa / NR
CITIGROUP INC	0.7%	BBB / A / A
COMCAST CORP	0.8%	A / A / A
GOLDMAN SACHS GROUP INC	0.8%	BBB / A / A
IBM CORP	0.8%	A / A / NR
THE BANK OF NEW YORK MELLON CORPORATION	1.6%	A / A / AA
TOYOTA MOTOR CORP	0.8%	A / A / A
<b>Total</b>	<b>100.0%</b>	

Ratings shown are calculated by assigning a numeral value to each security rating, then calculating a weighted average rating for each security type / issuer category using all available security ratings, excluding Not-Rated (NR) ratings. For security type / issuer categories where a rating from the applicable NRSRO is not available, a rating of NR is assigned. Includes accrued interest and excludes balances invested in overnight funds.

---

## Portfolio Transactions

### Quarterly Portfolio Transactions

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
<b>BUY</b>									
1/3/2023	1/4/2023	2,500,000.00	3133EN4N7	FEDERAL FARM CREDIT BANK NOTES	4.25%	12/20/2024	2,489,481.94	4.56%	
2/7/2023	2/8/2023	2,500,000.00	3130ATVD6	FEDERAL HOME LOAN BANK NOTES	4.87%	9/13/2024	2,534,876.21	4.77%	
3/21/2023	3/22/2023	2,000,000.00	3130AV7L0	FEDERAL HOME LOAN BANKS NOTES	5.00%	2/28/2025	2,029,077.78	4.35%	
<b>Total BUY</b>		<b>7,000,000.00</b>					<b>7,053,435.93</b>		<b>0.00</b>
<b>INTEREST</b>									
1/4/2023	1/4/2023		MONEY0002	MONEY MARKET FUND			589.35		
1/8/2023	1/8/2023	1,050,000.00	3130ASME6	FEDERAL HOME LOAN BANK NOTES	3.00%	7/8/2024	15,750.00		
1/24/2023	1/24/2023	350,000.00	06053FAA7	BANK OF AMERICA CORP NOTES	4.10%	7/24/2023	7,175.00		
1/30/2023	1/30/2023	200,000.00	025816CG2	AMERICAN EXPRESS CO CORP NOTES (CALLABLE	2.50%	7/30/2024	2,500.00		
1/31/2023	1/31/2023	1,800,000.00	91282CDV0	US TREASURY N/B NOTES	0.87%	1/31/2024	7,875.00		
1/31/2023	1/31/2023	1,000,000.00	91282CFA4	US TREASURY N/B NOTES	3.00%	7/31/2024	15,000.00		
2/2/2023	2/2/2023		MONEY0002	MONEY MARKET FUND			1,146.18		
2/4/2023	2/4/2023	375,000.00	06406HCS6	BANK OF NY MELLON CORP NOTES (CALLABLE)	3.65%	2/4/2024	6,843.75		
2/28/2023	2/28/2023	1,900,000.00	9128286G0	US TREASURY NOTES	2.37%	2/29/2024	22,562.50		
2/28/2023	2/28/2023	2,100,000.00	91282CFG1	US TREASURY N/B NOTES	3.25%	8/31/2024	34,125.00		
3/2/2023	3/2/2023		MONEY0002	MONEY MARKET FUND			3,078.55		
3/8/2023	3/8/2023	200,000.00	02665WDM0	AMERICAN HONDA FINANCE CORPORATE NOTES	0.65%	9/8/2023	650.00		

### Quarterly Portfolio Transactions

Trade Date	Settle Date	Par (\$)	CUSIP	Security Description	Coupon	Maturity Date	Transact Amount (\$)	Yield at Market	Realized G/L (BV)
<b>INTEREST</b>									
3/13/2023	3/13/2023	2,500,000.00	3130ATVD6	FEDERAL HOME LOAN BANK NOTES	4.87%	9/13/2024	42,656.25		
3/15/2023	3/15/2023	200,000.00	38141GZP2	GOLDMAN SACHS GROUP INC CORPORATE NOTES	3.00%	3/15/2024	3,000.00		
3/26/2023	3/26/2023	1,000,000.00	3133ENP79	FEDERAL FARM CREDIT BANK NOTES	4.25%	9/26/2024	21,250.00		
<b>Total INTEREST</b>		<b>12,675,000.00</b>					<b>184,201.58</b>		<b>0.00</b>
<b>MATURITY</b>									
1/23/2023	1/23/2023	200,000.00	61744YAN8	MORGAN STANLEY CORP NOTES	3.12%	1/23/2023	203,125.00		
1/31/2023	1/31/2023	2,500,000.00	91282CBG5	US TREASURY NOTES	0.12%	1/31/2023	2,501,562.50		
3/10/2023	3/10/2023	790,000.00	63873KQA8	NATIXIS NY BRANCH COMM PAPER	0.00%	3/10/2023	790,000.00		
3/15/2023	3/15/2023	1,200,000.00	912828ZD5	US TREASURY NOTES	0.50%	3/15/2023	1,203,000.00		
3/16/2023	3/16/2023	200,000.00	05531FBJ1	BB&T CORPORATION NOTES (CALLABLE)	2.20%	3/16/2023	202,200.00		
3/17/2023	3/17/2023	200,000.00	22552G3C2	CREDIT SUISSE NEW YORK CERT DEPOS	0.59%	3/17/2023	201,196.39		
3/31/2023	3/31/2023	1,500,000.00	91282CBU4	US TREASURY NOTES	0.12%	3/31/2023	1,500,937.50		
<b>Total MATURITY</b>		<b>6,590,000.00</b>					<b>6,602,021.39</b>		<b>0.00</b>

---

## Portfolio Holdings



### Managed Account Detail of Securities Held

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
<b>U.S. Treasury</b>											
US TREASURY N/B NOTES DTD 01/31/2022 0.875% 01/31/2024	91282CDV0	1,800,000.00	AA+	Aaa	2/8/2022	2/9/2022	1,783,617.19	1.34	2,610.50	1,793,069.69	1,742,906.16
US TREASURY NOTES DTD 02/28/2019 2.375% 02/29/2024	9128286G0	1,900,000.00	AA+	Aaa	3/22/2022	3/23/2022	1,906,085.94	2.20	3,923.91	1,902,871.05	1,859,921.78
US TREASURY N/B NOTES DTD 05/31/2022 2.500% 05/31/2024	91282CER8	2,200,000.00	AA+	Aaa	6/6/2022	6/7/2022	2,190,117.19	2.73	18,434.07	2,194,184.98	2,149,812.50
US TREASURY N/B NOTES DTD 07/31/2022 3.000% 07/31/2024	91282CFA4	1,000,000.00	AA+	Aaa	8/1/2022	8/3/2022	1,002,031.25	2.89	4,972.38	1,001,358.82	981,562.50
US TREASURY N/B NOTES DTD 08/31/2022 3.250% 08/31/2024	91282CFG1	600,000.00	AA+	Aaa	9/13/2022	9/14/2022	594,234.38	3.76	1,695.65	595,834.60	590,812.50
US TREASURY N/B NOTES DTD 08/31/2022 3.250% 08/31/2024	91282CFG1	1,500,000.00	AA+	Aaa	9/29/2022	9/30/2022	1,473,691.41	4.21	4,239.13	1,480,559.42	1,477,031.25
<b>Security Type Sub-Total</b>		<b>9,000,000.00</b>					<b>8,949,777.36</b>	<b>2.68</b>	<b>35,875.64</b>	<b>8,967,878.56</b>	<b>8,802,046.69</b>
<b>Negotiable CD</b>											
TORONTO DOMINION BANK NY CERT DEPOS DTD 10/31/2022 5.470% 10/25/2024	89115B6F2	400,000.00	A	A1	10/27/2022	10/31/2022	400,000.00	5.44	9,238.22	400,000.00	399,776.00
<b>Security Type Sub-Total</b>		<b>400,000.00</b>					<b>400,000.00</b>	<b>5.44</b>	<b>9,238.22</b>	<b>400,000.00</b>	<b>399,776.00</b>
<b>Federal Agency</b>											
FEDERAL FARM CREDIT BANK NOTES DTD 05/16/2022 2.625% 05/16/2024	3133ENWP1	1,500,000.00	AA+	Aaa	5/18/2022	5/19/2022	1,497,570.00	2.71	14,765.63	1,498,628.12	1,466,722.50
FEDERAL HOME LOAN BANK NOTES DTD 07/08/2022 3.000% 07/08/2024	3130ASME6	140,000.00	AA+	Aaa	7/8/2022	7/11/2022	139,487.18	3.19	968.33	139,673.15	137,224.08
FEDERAL HOME LOAN BANK NOTES DTD 07/08/2022 3.000% 07/08/2024	3130ASME6	110,000.00	AA+	Aaa	7/7/2022	7/8/2022	109,786.60	3.10	760.83	109,864.55	107,818.92
FEDERAL HOME LOAN BANK NOTES DTD 07/08/2022 3.000% 07/08/2024	3130ASME6	800,000.00	AA+	Aaa	8/1/2022	8/3/2022	800,856.00	2.94	5,533.33	800,563.38	784,137.60

ANTELOPE VALLEY EAST KERN WATER AGENCY

Portfolio Holdings

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
<b>Federal Agency</b>											
FEDERAL HOME LOAN BANK NOTES DTD 11/07/2022 4.875% 09/13/2024	3130ATVD6	2,500,000.00	AA+	Aaa	2/7/2023	2/8/2023	2,504,068.92	4.77	6,093.75	2,503,706.00	2,512,935.00
FEDERAL FARM CREDIT BANK NOTES DTD 09/26/2022 4.250% 09/26/2024	3133ENP79	1,000,000.00	AA+	Aaa	9/29/2022	9/30/2022	998,120.00	4.35	590.28	998,593.23	996,603.00
FEDERAL FARM CREDIT BANK NOTES DTD 11/18/2022 4.500% 11/18/2024	3133ENZ94	500,000.00	AA+	Aaa	12/5/2022	12/7/2022	499,780.00	4.52	8,312.50	499,815.53	500,344.00
FEDERAL FARM CREDIT BANK NOTES DTD 12/20/2022 4.250% 12/20/2024	3133EN4N7	2,500,000.00	AA+	Aaa	1/3/2023	1/4/2023	2,485,350.00	4.56	29,809.03	2,487,130.10	2,496,627.50
FEDERAL HOME LOAN BANKS NOTES DTD 03/03/2023 5.000% 02/28/2025	3130AV7L0	2,000,000.00	AA+	Aaa	3/21/2023	3/22/2023	2,023,800.00	4.35	7,865.17	2,023,464.32	2,027,848.00
<b>Security Type Sub-Total</b>		<b>11,050,000.00</b>					<b>11,058,818.70</b>	<b>4.16</b>	<b>74,698.85</b>	<b>11,061,438.38</b>	<b>11,030,260.60</b>
<b>Corporate</b>											
APPLE INC CORPORATE NOTES DTD 05/11/2020 0.750% 05/11/2023	037833DV9	375,000.00	AA+	Aaa	11/4/2021	11/8/2021	376,987.50	0.40	1,093.75	375,144.81	373,000.50
CHEVRON CORP CORPORATE NOTES DTD 05/11/2020 1.141% 05/11/2023	166764BV1	200,000.00	AA-	Aa2	2/8/2022	2/10/2022	199,898.00	1.18	887.44	199,991.03	199,032.00
BANK OF AMERICA CORP NOTES DTD 07/23/2013 4.100% 07/24/2023	06053FAA7	350,000.00	A-	A2	8/5/2021	8/9/2021	375,284.00	0.39	2,670.69	354,036.94	349,148.45
AMERICAN HONDA FINANCE CORPORATE NOTES DTD 09/10/2020 0.650% 09/08/2023	02665WDM0	200,000.00	A-	A3	11/4/2021	11/8/2021	200,302.00	0.57	83.06	200,072.23	196,030.00
TOYOTA MOTOR CREDIT CORP CORP NOTES DTD 10/18/2016 2.250% 10/18/2023	89236TDK8	200,000.00	A+	A1	11/9/2021	11/12/2021	206,564.00	0.54	2,037.50	201,862.13	197,090.00
CITIGROUP INC CORP NOTES DTD 10/25/2013 3.875% 10/25/2023	172967HD6	175,000.00	BBB+	A3	11/4/2021	11/8/2021	186,299.75	0.56	2,938.54	178,266.83	173,501.48
BANK OF NY MELLON CORP NOTES (CALLABLE) DTD 02/04/2014 3.650% 02/04/2024	06406HCS6	27,000.00	A	A1	2/8/2022	2/10/2022	28,042.20	1.66	156.04	27,418.98	26,608.96
BANK OF NY MELLON CORP NOTES (CALLABLE) DTD 02/04/2014 3.650% 02/04/2024	06406HCS6	348,000.00	A	A1	2/8/2022	2/10/2022	361,404.96	1.67	2,011.15	353,389.03	342,959.92

ANTELOPE VALLEY EAST KERN WATER AGENCY

Portfolio Holdings

Security Type/Description Dated Date/Coupon/Maturity	CUSIP	Par	S&P Rating	Moody's Rating	Trade Date	Settle Date	Original Cost	YTM at Cost	Accrued Interest	Amortized Cost	Market Value
<b>Corporate</b>											
GOLDMAN SACHS GROUP INC CORPORATE NOTES DTD 03/15/2022 3.000% 03/15/2024	38141GZP2	200,000.00	BBB+	A2	5/19/2022	5/23/2022	198,826.00	3.34	266.67	199,381.08	195,255.20
COMCAST CORP (CALLABLE) CORPORATE NOTES DTD 10/05/2018 3.700% 04/15/2024	20030NCR0	185,000.00	A-	A3	6/15/2022	6/17/2022	185,540.20	3.53	3,156.31	185,295.97	182,948.72
IBM CORP NOTES DTD 05/15/2019 3.000% 05/15/2024	459200JY8	185,000.00	A-	A3	6/15/2022	6/17/2022	183,037.15	3.58	2,096.67	183,847.04	181,643.36
CATERPILLAR FINL SERVICE CORP NOTES DTD 05/17/2019 2.850% 05/17/2024	14913Q2V0	200,000.00	A	A2	5/19/2022	5/23/2022	199,788.00	2.91	2,121.67	199,879.53	195,735.40
AMERICAN EXPRESS CO CORP NOTES (CALLABLE) DTD 07/30/2019 2.500% 07/30/2024	025816CG2	200,000.00	BBB+	A2	8/1/2022	8/3/2022	196,430.00	3.43	847.22	197,613.45	192,854.60
<b>Security Type Sub-Total</b>		<b>2,845,000.00</b>					<b>2,898,403.76</b>	<b>1.65</b>	<b>20,366.71</b>	<b>2,856,199.05</b>	<b>2,805,808.59</b>
<b>Commercial Paper</b>											
MUFG BANK LTD/NY COMM PAPER DTD 09/12/2022 0.000% 06/09/2023	62479MT94	700,000.00	A-1	P-1	9/13/2022	9/14/2022	678,999.22	4.15	0.00	694,593.08	693,732.90
<b>Security Type Sub-Total</b>		<b>700,000.00</b>					<b>678,999.22</b>	<b>4.15</b>	<b>0.00</b>	<b>694,593.08</b>	<b>693,732.90</b>
<b>Managed Account Sub Total</b>		<b>23,995,000.00</b>					<b>23,985,999.04</b>	<b>3.33</b>	<b>140,179.42</b>	<b>23,980,109.07</b>	<b>23,731,624.78</b>
<b>Securities Sub Total</b>		<b>\$23,995,000.00</b>					<b>\$23,985,999.04</b>	<b>3.33%</b>	<b>\$140,179.42</b>	<b>\$23,980,109.07</b>	<b>\$23,731,624.78</b>
<b>Accrued Interest</b>											<b>\$140,179.42</b>
<b>Total Investments</b>											<b>\$23,871,804.20</b>

## Important Disclosures

This material is for general information purposes only and is not intended to provide specific advice or a specific recommendation, as it was prepared without regard to any specific objectives or financial circumstances.

Investment advisory services are provided by PFM Asset Management LLC ("PFMAM"), an investment adviser registered with the U.S. Securities and Exchange Commission and a subsidiary of U.S. Bancorp Asset Management, Inc. ("USBAM"). USBAM is a subsidiary of U.S. Bank National Association ("U.S. Bank"). U.S. Bank is a separate entity and subsidiary of U.S. Bancorp. U.S. Bank is not responsible for and does not guarantee the products, services or performance of PFMAM. The information contained is not an offer to purchase or sell any securities. Additional applicable regulatory information is available upon request.

PFMAM professionals have exercised reasonable professional care in the preparation of this performance report. Information in this report is obtained from sources external to PFMAM and is generally believed to be reliable and available to the public; however, we cannot guarantee its accuracy, completeness or suitability. We rely on the client's custodian for security holdings and market values. Transaction dates reported by the custodian may differ from money manager statements. While efforts are made to ensure the data contained herein is accurate and complete, we disclaim all responsibility for any errors that may occur. References to particular issuers are for illustrative purposes only and are not intended to be recommendations or advice regarding such issuers. Fixed income manager and index characteristics are gathered from external sources. When average credit quality is not available, it is estimated by taking the market value weights of individual credit tiers on the portion of the strategy rated by a NRSRO.

It is not possible to invest directly in an index. The index returns shown throughout this material do not represent the results of actual trading of investor assets. Third-party providers maintain the indices shown and calculate the index levels and performance shown or discussed. Index returns do not reflect payment of any sales charges or fees an investor would pay to purchase the securities they represent. The imposition of these fees and charges would cause investment performance to be lower than the performance shown.

The views expressed within this material constitute the perspective and judgment of PFMAM at the time of distribution and are subject to change. Any forecast, projection, or prediction of the market, the economy, economic trends, and equity or fixed-income markets are based upon certain assumptions and current opinion as of the date of issue and are also subject to change. Some, but not all assumptions are noted in the report. Assumptions may or may not be proven correct as actual events occur, and results may depend on events outside of your or our control. Changes in assumptions may have a material effect on results. Opinions and data presented are not necessarily indicative of future events or expected performance.

For more information regarding PFMAM's services or entities, please visit [www.pfmam.com](http://www.pfmam.com).

© 2023 PFM Asset Management LLC. Further distribution is not permitted without prior written consent.

## Important Disclosures

- Market values that include accrued interest are derived from closing bid prices as of the last business day of the month as supplied by Refinitiv, Bloomberg, or Telerate. Where prices are not available from generally recognized sources, the securities are priced using a yield-based matrix system to arrive at an estimated market value.
- In accordance with generally accepted accounting principles, information is presented on a trade date basis; forward settling purchases are included in the monthly balances, and forward settling sales are excluded.
- Performance is presented in accordance with the CFA Institute's Global Investment Performance Standards (GIPS). Unless otherwise noted, performance is shown gross of fees. Quarterly returns are presented on an unannualized basis. Returns for periods greater than one year are presented on an annualized basis. Past performance is not indicative of future returns.
- Bank of America/Merrill Lynch Indices provided by Bloomberg Financial Markets.
- Money market fund/cash balances are included in performance and duration computations.
- Standard & Poor's is the source of the credit ratings. Distribution of credit rating is exclusive of money market fund/LGIP holdings.
- Callable securities in the portfolio are included in the maturity distribution analysis to their stated maturity date, although, they may be called prior to maturity.
- MBS maturities are represented by expected average life.

## Glossary

- **Accrued Interest:** Interest that is due on a bond or other fixed income security since the last interest payment was made.
- **Agencies:** Federal agency securities and/or Government-sponsored enterprises.
- **Amortized Cost:** The original cost of the principal of the security is adjusted for the amount of the periodic reduction of any discount or premium from the purchase date until the date of the report. Discount or premium with respect to short-term securities (those with less than one year to maturity at time of issuance) is amortized on a straight line basis. Such discount or premium with respect to longer-term securities is amortized using the constant yield basis.
- **Asset-Backed Security:** A financial instrument collateralized by an underlying pool of assets – usually ones that generate a cash flow from debt, such as loans, leases, credit card balances, and receivables.
- **Bankers' Acceptance:** A draft or bill or exchange accepted by a bank or trust company. The accepting institution guarantees payment of the bill as well as the insurer.
- **Commercial Paper:** An unsecured obligation issued by a corporation or bank to finance its short-term credit needs, such as accounts receivable and inventory.
- **Contribution to Total Return:** The weight of each individual security multiplied by its return, then summed for each sector to determine how much each sector added or subtracted from the overall portfolio performance.
- **Effective Duration:** A measure of the sensitivity of a security's price to a change in interest rates, stated in years.
- **Effective Yield:** The total yield an investor receives in relation to the nominal yield or coupon of a bond. Effective yield takes into account the power of compounding on investment returns, while nominal yield does not.
- **FDIC:** Federal Deposit Insurance Corporation. A federal agency that insures bank deposits to a specified amount.
- **Interest Rate:** Interest per year divided by principal amount and expressed as a percentage.
- **Market Value:** The value that would be received or paid for an investment in an orderly transaction between market participants at the measurement date.
- **Maturity:** The date upon which the principal or stated value of an investment becomes due and payable.
- **Negotiable Certificates of Deposit:** A CD with a very large denomination, usually \$1 million or more, that can be traded in secondary markets.
- **Par Value:** The nominal dollar face amount of a security.
- **Pass-through Security:** A security representing pooled debt obligations that passes income from debtors to its shareholders. The most common type is the mortgage-backed security.

## Glossary

- Repurchase Agreements: A holder of securities sells these securities to an investor with an agreement to repurchase them at a fixed price on a fixed date.
- Settle Date: The date on which the transaction is settled and monies/securities are exchanged. If the settle date of the transaction (i.e., coupon payments and maturity proceeds) occurs on a non-business day, the funds are exchanged on the next business day.
- Supranational: A multinational union or association in which member countries cede authority and sovereignty on at least some internal matters to the group, whose decisions are binding on its members.
- Trade Date: The date on which the transaction occurred; however, the final consummation of the security transaction and payment has not yet taken place.
- Unsettled Trade: A trade which has been executed; however, the final consummation of the security transaction and payment has not yet taken place.
- U.S. Treasury: The department of the U.S. government that issues Treasury securities.
- Yield: The rate of return based on the current market value, the annual interest receipts, maturity value, and the time period remaining until maturity, stated as a percentage on an annualized basis.
- YTM at Cost: The yield to maturity at cost is the expected rate of return based on the original cost, the annual interest receipts, maturity value, and the time period from purchase date to maturity, stated as a percentage on an annualized basis.
- YTM at Market: The yield to maturity at market is the rate of return based on the current market value, the annual interest receipts, maturity value, and the time period remaining until maturity, stated as a percentage on an annualized basis.





**RECOMMENDED BOARD ORDER 8(a-1)**

To the Board of Directors

**FOR BOARD ACTION**

**CHECK REGISTER LISTS**

The Board of Directors adopted the following board order on May 23, 2023:

That the check register lists for the period of April 27, 2023, through May 10, 2023, be approved and accepted for filing as presented.

Motion by \_\_\_\_\_

Second by \_\_\_\_\_

Carried \_\_\_\_\_

**BOARD ORDER 8(a-1)**

05-23-23

AVEK Water Agency

Check List

For the Period From April 27, 2023 to May 10, 2023

M.L.  
5/18/23

	Check #	Payee	Explanation	Approved By:	Amount
<b>MONTHLY</b>					
1	83898	Southern CA Edison	Electricity/Pumping - Admin1/C8/C9/Healy/QHWTP/RG3	Monthly - GM Approved	\$ 11,765.70
2	83899	Verizon California	Wireless Service - All Sites	Monthly - GM Approved	\$ 2,975.80
3	83901	ADT Security Services	Building Security - Healy	Monthly - GM Approved	\$ 152.83
4	83902	ADT Security Services	Building Security - Healy 2	Monthly - GM Approved	\$ 152.83
5	83903	AnSer formerly: All Access Message Center	Answering Service	Monthly - GM Approved	\$ 98.00
6	83904	AT&T	Landline SCADA Alarm - RWTP	Monthly - GM Approved	\$ 254.34
7	83909	The Bank of New York Mellon	Custody Services Fees - March 2023	Monthly - GM Approved	\$ 250.00
8	83910	Bill's Landscaping, Inc.	Grounds Maintenance - May 2023	Monthly - GM Approved	\$ 850.00
9	83912	Cintas	Uniforms - All Sites	Monthly - GM Approved	\$ 618.31
10	83913	Coffee Break Service, Inc.	Kitchen Supplies	Monthly - GM Approved	\$ 346.65
11	83914	Core BTS, Inc.	General Software - April 2023	Monthly - GM Approved	\$ 578.00
12	83918	Eurofins Eaton Analytical, LLC	Outside Services - Lab	Monthly - GM Approved	\$ 595.00
13	83919	Federal Express Corporation	Shipping Charges	Monthly - GM Approved	\$ 211.68
14	83920	The Gas Company	Natural Gas	Monthly - GM Approved	\$ 2,223.57
15	83932	Rodrigo Antonio Gracia dba Rodloc Security Services	Building Maintenance - WWB	Monthly - GM Approved	\$ 110.00
16	83933	Streamline	Monthly Web Hosting Fee - May 2023	Monthly - GM Approved	\$ 550.00
17	83936	Underground Service Alert/SC	Underground Services	Monthly - GM Approved	\$ 41.50
18	83938	Waste Management of Antelope Valley	Waste Disposal - AWTP	Monthly - GM Approved	\$ 88.61
19	83939	Waste Management - Kern County	Waste Disposal - RWTP	Monthly - GM Approved	\$ 208.61
20	83940	Waste Management of Antelope Valley	Waste Disposal - WWB	Monthly - GM Approved	\$ 144.82
21	83941	Waste Management of Antelope Valley	Waste Disposal - EWTP	Monthly - GM Approved	\$ 214.70
22	83942	Waste Management of Antelope Valley	Waste Disposal - QHWTP	Monthly - GM Approved	\$ 380.35
23	83945	Xerox Financial Services	Copier Lease Charges - Administration #2 Upstairs	Monthly - GM Approved	\$ 979.04
24	83946	Wells Fargo Bank - Bozigan	Agency Card Expenses	Monthly - GM Approved	\$ 22.00

AVEK Water Agency  
Check List  
For the Period From April 27, 2023 to May 10, 2023

	Check #	Payee	Explanation	Approved By:	Amount
<b>MONTHLY cont.</b>					
	25	83947	Wells Fargo Bank - Holmes	Agency Card Expenses	Monthly - GM Approved \$ 352.54
	26	83948	Wells Fargo Bank - Hughes	Agency Card Expenses	Monthly - Board President Approved \$ 4,681.95
	27	83949	Wells Fargo Bank - Knudson	Agency Card Expenses	Monthly - Board President Approved \$ 703.66
	28	83950	Wells Fargo Bank - Livesay	Agency Card Expenses	Monthly - GM Approved \$ 846.96
	29	83951	Wells Fargo Bank - Morris	Agency Card Expenses	Monthly - GM Approved \$ 1,464.65
	30	83952	Wells Fargo Bank - Rose	Agency Card Expenses	Monthly - GM Approved \$ 620.08
	31	83953	Wells Fargo Bank - Thompson	Agency Card Expenses	Monthly - GM Approved \$ 395.30
<b>BOARD APPROVED</b>					
	32	83896	Best Best & Krieger LLP	Legal Fees for CV Communities Dispute	Finance Committee 05/04/2023 \$ 884.00
	33	83897	Brownstein Hyatt Farber Schreck, LLP	Professional Services through March 2023 - AVEK and CV Communities Dispute	Finance Committee 05/04/2023 \$ 22,045.30
	34	83900	CB&T/ACWA-JPIA	Employee/Director Medical Insurance	Monthly - BoD Approved Agreement \$ 95,314.51
	35	83905	Jeffrey S. Adler dba Automation Services	SCADA Upgrade	BoD Approved Agreement \$ 2,881.46
	36	83908	Avadine	Latis Software Product License - May 2023	Monthly - BoD Approved Agreement \$ 1,100.00
	37	83915	Duke Engineering and Associates	Control Room Rehab	BoD Approved Agreement \$ 2,000.00
	38	83916	Eco Services Operations Corp.	Chemicals - Alum	BoD Approved Chemical Budget \$ 35,246.45
	39	83917	Enterprise FM Trust	Enterprise Leased Agency Vehicles	BoD Approved Agreement - Monthly \$ 14,988.28
	40	83921	Global Alliance Protection	Building Security - WWB	P.O. #22-0176 - Board Meeting 08/15/2022 \$ 6,024.38
	41	83927	JCI Jones Chemicals, Inc	Chemicals - Sodium Hypochlorite	BoD Approved Chemical Budget \$ 10,407.34

AVEK Water Agency  
Check List  
For the Period From April 27, 2023 to May 10, 2023

	Check #	Payee	Explanation	Approved By:	Amount
<b>GM APPROVED</b>					
<b><u>Administration</u></b>					
42	83894	County of Los Angeles	NOE Filing Fees	GM Approved	\$ 75.00
43	83895	County of Kern	NOE Filing Fees	GM Approved	\$ 50.00
44	83907	Antelope Valley Watermaster	Right to Produce Imported Return Flows for 2023	GM Approved	\$ 4,229.05
45	83911	Dwayne Chisam	Meeting Expense Reimbursement - SWC meeting in Sacramento on 1/19/23	GM Approved	\$ 862.81
<b><u>Human Resources</u></b>					
46	83935	Tyner Consulting Services, Inc.	Employee Training - Utility Class	GM Approved	\$ 2,500.00
<b><u>Lab</u></b>					
47	83925	Idexx Distribution Corporation	Supplies - Lab	P.O. #23-0083 - GM Approved	\$ 7,471.67
48	83937	VWR International	Chemicals - Lab	P.O.#23-0072 - GM Approved	\$ 28.28
<b><u>Operations &amp; Maintenance</u></b>					
49	83905	Jeffrey S. Adler dba Automation Services	SCADA Maintenance - QHWTP	GM Approved	\$ 1,207.50
50	83906	AV Action Air, Inc.	HVAC Maintenance - RWTP	GM Approved	\$ 3,150.48
51	83922	Grainger	Safety Supplies - Maintenance Dept.	P.O. #23-0084 - GM Approved	\$ 1,825.50
52	83922	Grainger	Fixed Asset BIR21-02 4" Utility Line QHWTP	P.O. #23-0085 - GM Approved	\$ 692.51
53	83922	Grainger	Equipment Maintenance -EWTP	P.O. #23-0099 - GM Approved	\$ 72.78
54	83923	Grease Monkey 1066	Legacy Vehicle Maintenance - Vehicle #33 Maintenance Dept.	GM Approved	\$ 177.46
55	83924	Core & Main LP	Equipment Maintenance - WPS	P.O. #23-0047 - GM Approved	\$ 9,620.07
56	83924	Core & Main LP	Other Supplies - Maintenance Dept.	P.O. #23-0034 - GM Approved	\$ 2,111.61
57	83924	Core & Main LP	Equipment Maintenance - W. Feeder	P.O. #23-0089 - GM Approved	\$ 4,185.46
58	83926	Johnstone Supply	HVAC Maintenance - EWTP	GM Approved	\$ 207.47
59	83928	Karl's Hardware, Inc.	Other Supplies - RWTP	GM Approved	\$ 563.13
60	83929	Lancaster Plumbing Supplies, Inc.	HVAC Maintenance - RWTP	GM Approved	\$ 7.57

AVEK Water Agency  
 Check List  
 For the Period From April 27, 2023 to May 10, 2023

	Check #	Payee	Explanation	Approved By:	Amount
<b>GM APPROVED cont.</b>					
<b>Operations &amp; Maintenance cont.</b>					
61	83930	Leslie's Poolmart, Inc.	Chemicals - Hypochlorite	GM Approved	\$ 250.18
62	83931	Patton Sales Corp.	Equipment Maintenance -N. Feeder	GM Approved	\$ 237.29
63	83934	The Tire Store	Enterprise Vehicle Maintenance - Vehicle #24 WWB	GM Approved	\$ 20.00
64	83944	W M Lyles Co	Equipment Maintenance - N. Feeder	GM Approved - Emergency & Time Sensitive Purchases	\$ 146,484.46
<b>VOID</b>					
65	83893V	County of Kern	Void and Reissued on Check 83895	n/a	\$ (75.00)
	Total				\$ 409,724.48

AVEK Water Agency

Check List

For the Period From April 27, 2023 to May 10, 2023

High Desert Water Bank Capital Program Account - MET

REVIEWED

5/15/23

M.X.

Check #	Payee	Explanation	Approved By:	Amount
1273	Department of Water Resources	Advance for Turnout Related Costs	GM Approved	\$ 200,000.00
1274	Jeffrey S. Adler dba Automation Services LLC	Aqueduct Turnout	GM Approved	\$ 1,607.42
1275	Blois Construction, Inc.	Progress Payment #13 - HDWB Aqueduct Turnout/Turn-in Project	BoD Approved Agreement	\$ 510,712.95
1276	ELMT Consulting, Inc.	Biological Monitoring - HDWB	GM Approved	\$ 15,480.00
Total				\$ 727,800.37

Checking account balance before above checks \$ 1,211,481.11

Outstanding Invoices to Metropolitan Water District at 5/12/23

Invoice No. 033123-19 \$ 2,259,331.37

Invoice No. 041823-20 \$ 2,223,187.00

**Wells Fargo Agency Credit Card Summary**

**Statements Dated May 10, 2023**

	T. Barnes	J. Bozigian	D. Chisam	D. Holmes	H. Hughes	M. Knudson	J. Livesay	A. Morris	P. Rose	P. Thompson
Administration Supplies/Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 703.66	\$ -	\$ -	\$ 620.08	\$ 395.30
HDWB	-	-	-	-	-	-	-	-	-	-
IT/Engineering Supplies/Expenses	-	-	-	-	-	-	846.96	-	-	-
Meeting Expenses	-	-	-	-	4,681.95	-	-	-	-	-
Operations Supplies/Expenses	-	22.00	-	352.54	-	-	-	1,464.65	-	-
Public Information	-	-	-	-	-	-	-	-	-	-
Travel/Conferences	-	-	-	-	-	-	-	-	-	-
	\$ -	\$ 22.00	\$ -	\$ 352.54	\$ 4,681.95	\$ 703.66	\$ 846.96	\$ 1,464.65	\$ 620.08	\$ 395.30





**RECOMMENDED BOARD ORDER 8(a-2)**

To the Board of Directors

**FOR BOARD ACTION**

**TREASURER'S REPORT**  
**FOR PERIOD ENDING**  
**APRIL 30, 2023**

The Board of Directors adopted the following board order on May 23, 2023:

That the Treasurer's Report for the period ending April 30, 2023, be approved, and accepted for filing.

Motion by \_\_\_\_\_

Second by \_\_\_\_\_

Carried \_\_\_\_\_

**BOARD ORDER 8(a-2)**

05-23-23



**Date:** May 23, 2023

**Agenda Item: 8(a-2)**

**To:** Board of Directors

**From:** Matthew Knudson, General Manager *M.K.*  
Teresa Yates / Finance & Administration Manager

---

**Subject:** **Consideration and possible action to accept and file the Treasurer's Report for the month ending April 30, 2023**

---

**Recommendation:**

To recommend to accept and file the Treasurer's Report for the month ending April 30, 2023.

**Background:**

The Treasurer's Report is prepared monthly based on reconciled cash and investment account balances.

**Fiscal Impact:**

The ending balance for total Cash and Investments at April 30, 2023 was \$129,188,254 which is a decrease of \$34,652,311 from the prior month. The decrease is a result of the prepayment of the outstanding 2008A-2 variable Rate COPs of \$45,000,000. The Agency received property taxes in the amount of \$11,466,487 in April 2023. Yield to Maturity at April 30, 2023 for the total portfolio was 2.950% which is an increase of .248% from the prior month and the average Days to Maturity was 270 days or approximately nine months.

The High Desert Water Bank Capital Account (Met) balance was \$1,208,971 at April 30, 2023.

**Attachments:**

Treasurer's Report for the Month Ending April 30, 2023

<b>Antelope Valley-East Kern Water Agency</b>						
<b>Treasurer's Monthly Report</b>						
<b>April 30, 2023</b>						
<b>Total Portfolio Summary, Month Ending April 30, 2023</b>						
<b>Total AVEK Managed and PFM Managed Portfolio</b>						
	Par	Market	Purchase	% of	Days to	
<b>Investments</b>	Value	Value	Price	Portfolio	Maturity	YTM
<i>Wells Fargo &amp; PFM</i>						
Money Market	\$ 3,997,841.43	\$ 3,997,841.43	\$ 3,997,841.43	3.12%	1	0.016%
Government Agencies	51,440,000.00	50,968,660.39	51,294,379.50	39.84%	371	3.123%
Negotiable CDs	6,150,000.00	6,053,922.23	6,150,000.00	4.73%	331	2.404%
Commercial Paper	700,000.00	695,824.50	678,999.22	0.54%	39	4.150%
Corporate Notes	34,168,000.00	33,641,223.39	33,982,852.21	26.30%	303	3.239%
US Treasury Bonds/Notes	9,000,000.00	8,800,609.08	8,949,777.36	6.88%	381	2.673%
LAIF	23,776,681.60	23,776,681.60	23,776,681.60	18.59%	1	2.870%
Total Investments	\$ 129,232,523.03	\$ 127,934,762.62	\$ 128,830,531.32	100.00%	270	2.950%
<b>Cash</b>						
<i>Wells Fargo</i>						
Checking Accounts	\$ 473,381.74	\$ 473,381.74				
Total	129,705,904.77	128,408,144.36				
Ending Accrued Interest		780,109.17				
Total Cash & Investments	\$ 129,705,904.77	\$ 129,188,253.53				
Total Cash & Investments - 3/31/23	\$ 164,285,944.46	\$ 163,840,564.67				
	April 30, 2023	Fiscal Year				
<b>Total Earnings</b>	(Month Ending)	To Date				
Current Year	411,615.23	2,989,786.62				
Portfolio Yield to Maturity	2.950%	2.114%				

**Antelope Valley - East Kern Water Agency**  
**Month End Balances**  
**April 30, 2023**

	Balance April 30, 2023	YTM Net of Fees
Wells Fargo Investments	\$ 78,085,020	2.839%
PFM Investments	\$ 26,073,061	3.361%
LAIF	\$ 23,776,682	2.870%
Checking	\$ 473,382	0.000%
	<u>\$ 128,408,144</u>	

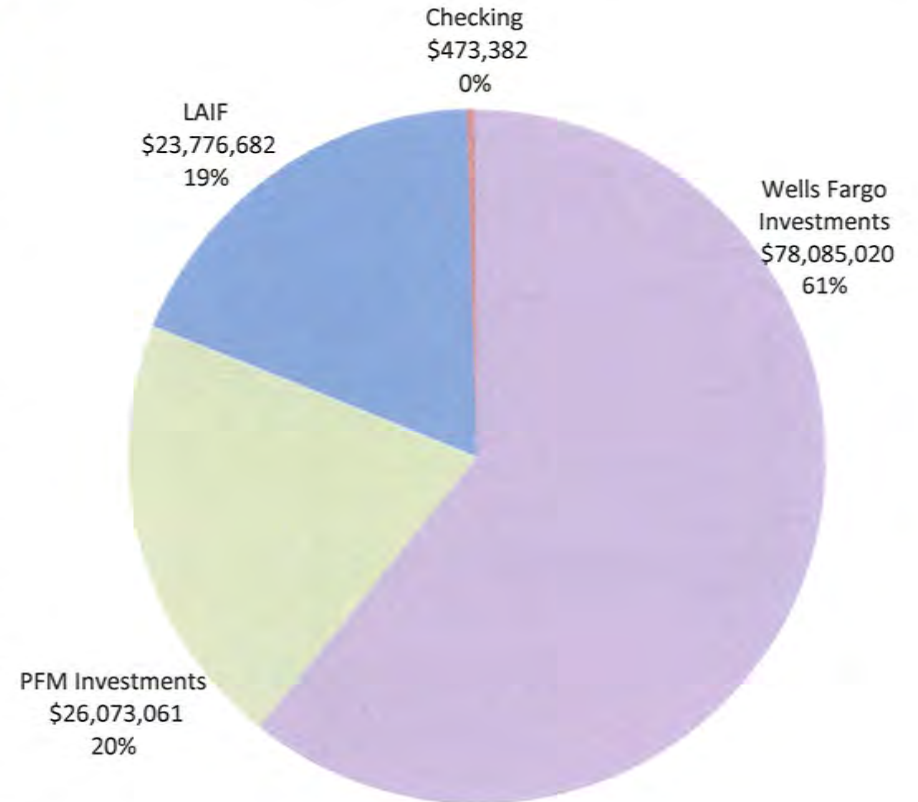
HDWB Capital Acct (Met)	<u>\$ 1,208,971</u>	0.170%
-------------------------	---------------------	--------

	Balance March 31, 2023	Balance March 31, 2022
<b>Capital Assets</b>		
Banked Water - Asset	\$ 12,371,859	\$ 14,774,853
Land & Water Rights	\$ 48,022,961	\$ 53,354,416
Construction In Progress	\$ 53,721,168	\$ 21,671,625
Plant & Equipment	\$ 395,697,368	\$ 393,839,630
Accumulated Depreciation	\$ (131,251,661)	\$ (122,804,875)
	<u>\$ 378,561,696</u>	<u>\$ 360,835,650</u>

	Balance April 30, 2023	Term/Maturity
<b>Outstanding COP and Bond Debt</b>		
Water Revenue Ref. Bonds, Series 2016	\$ 53,035,000	20 Yrs/2037
CREBs-Revenue Bonds Series 2017	\$ 12,155,000	20 Yrs/2036
	<u>\$ 65,190,000</u>	

	Fiscal YTD April 30, 2023	Prior Fiscal YTD April 30, 2022
<b>Capacity Fees Received</b>	\$ 3,269,057	\$ 2,869,490

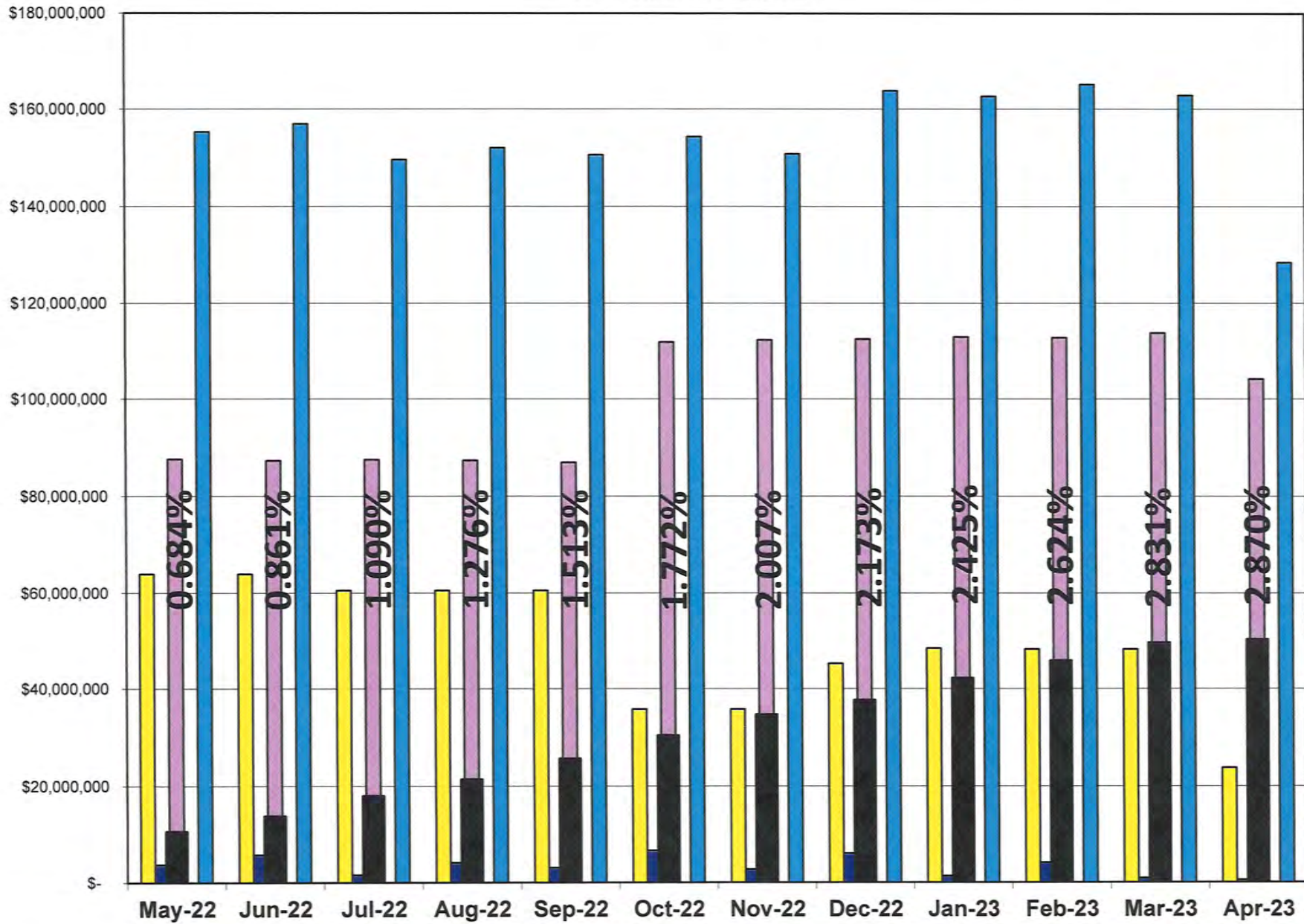
**Balances at 4/30/23**



# AVEK Water Agency

## ENTERPRISE FUND CLOSING BALANCES

Dollar Amount



LAIF \$23,776,682	BANK \$473,382	SECURITIES \$104,158,081	TOTAL \$128,408,144	LAIF Int. Rate
-------------------	----------------	--------------------------	---------------------	----------------

<b>Antelope Valley-East Kern Water Agency</b>						
<b>Treasurer's Monthly Report</b>						
<b>April 30, 2023</b>						
<b>AVEK Portfolio Summary, Month Ending April 30, 2023</b>						
<b>AVEK Managed Portfolio</b>						
	Par	Market	Purchase	% of	Days to	
	Value	Value	Price	Portfolio	Maturity	YTM
<b>Investments</b>						
<i>Wells Fargo</i>						
Money Market	\$ 3,675,009.51	\$ 3,675,009.51	\$ 3,675,009.51	3.61%	1	0.010%
Government Agencies	38,390,000.00	37,927,209.09	38,227,320.80	37.23%	307	2.762%
Negotiable CDs	5,750,000.00	5,654,211.71	5,750,000.00	5.55%	316	2.193%
Corporate Notes	31,323,000.00	30,828,589.87	31,084,448.45	30.27%	311	3.383%
LAIF	23,776,681.60	23,776,681.60	23,776,681.60	23.34%	1	2.870%
Total Investments	\$ 102,914,691.11	\$ 101,861,701.78	\$ 102,513,460.36	100.00%	226	2.844%
<b>Cash</b>						
<i>Wells Fargo</i>						
General Checking	\$ 390,122.21	\$ 390,122.21				
HDWB Checking	\$ 83,259.53	\$ 83,259.53				
Total Checking Accounts	\$ 473,381.74	\$ 473,381.74				
Total	\$ 103,388,072.85	\$ 102,335,083.52				
Ending Accrued Interest		\$ 566,507.89				
Total Cash & Investments	\$ 103,388,072.85	\$ 102,901,591.41				
Total Cash & Investments - 3/31/23	\$ 137,957,753.91	\$ 137,636,308.94				
	April 30, 2023	Fiscal Year				
<b>Total Earnings</b>	(Month Ending)	To Date				
Current Year	\$ 328,290.52	\$ 2,489,112.93				
Portfolio Yield to Maturity	2.844%	2.106%				

<b>Antelope Valley-East Kern Water Agency</b>										
<b>Treasurer's Monthly Report</b>										
<b>April 30, 2023</b>										
<b>AVEK Portfolio Details - Investments, Month Ending April 30, 2023</b>										
<b>AVEK Managed Portfolio</b>										
CUSIP	Purchase Date	Issuer	Maturity Date	Purchase Price	Par Value	Market Value	Stated Rate	Moody's	YTM	Days to Mat/Call
<b>Money Market</b>										
		WF Adv Govt		3,675,009.51	3,675,009.51	3,675,009.51	0.010%		0.010%	1
				3,675,009.51	3,675,009.51	3,675,009.51	0.010%		0.010%	1
<b>Government Agencies</b>										
3133ENZ94	11/18/2022	FFCBB	11/18/2024	3,005,670.00	3,000,000.00	3,003,081.30	4.500%	Aaa	4.400%	567
3133ENS43	10/17/2022	FFCBB	10/17/2024	3,001,740.00	3,000,000.00	2,987,089.62	4.375%	Aaa	4.344%	535
3130AFBC0	10/26/2022	FHLBB	9/13/2024	1,955,052.00	2,000,000.00	1,964,482.30	3.250%	Aaa	4.508%	501
3133ENL40	10/26/2022	FFCBB	9/13/2024	1,964,144.00	2,000,000.00	1,970,273.80	3.500%	Aaa	4.503%	501
3133XVDG3	10/13/2022	FHLBB	9/13/2024	2,001,420.00	2,000,000.00	1,990,564.80	4.375%	Aaa	4.334%	501
3130A1XJ2	6/29/2022	FHLBB	6/14/2024	1,492,860.00	1,500,000.00	1,469,994.92	2.875%	Aaa	3.127%	410
3130ATAH0	10/26/2022	FHLBB	3/15/2024	1,974,588.00	2,000,000.00	1,977,780.14	3.640%	Aaa	4.593%	319
3130ATKJ5	10/26/2022	FHLBB	3/8/2024	1,993,768.00	2,000,000.00	1,990,107.50	4.375%	Aaa	4.613%	312
3130ARHG9	5/27/2022	FHLBB	2/28/2024	657,841.80	660,000.00	644,996.49	2.125%	Aaa	2.316%	303
3133ENXF2	5/27/2022	FFCBB	2/23/2024	2,009,480.00	2,000,000.00	1,963,534.70	2.600%	Aaa	2.321%	298
3130AFW94	5/27/2022	FHLBB	2/13/2024	732,044.00	730,000.00	716,122.25	2.500%	Aaa	2.331%	288
3133ENLF5	1/28/2022	FFCBB	1/18/2024	1,992,060.00	2,000,000.00	1,942,591.02	0.900%	Aaa	1.100%	262
3130AAHE1	5/27/2022	FHLBB	12/8/2023	2,007,460.00	2,000,000.00	1,969,496.52	2.500%	Aaa	2.250%	221
3130APXH3	4/21/2022	FHLBB	11/27/2023	1,461,585.00	1,500,000.00	1,463,150.31	0.800%	Aaa	2.442%	210
3130ATWD5	11/17/2022	FHLBB	11/15/2023	2,000,270.00	2,000,000.00	1,996,109.94	4.625%	Aaa	4.611%	198
3133EM6N7	10/28/2021	FFCBB	9/27/2023	1,991,300.00	2,000,000.00	1,961,346.16	0.170%	Aaa	0.398%	149
3130ANYM6	10/28/2021	FHLBB	8/28/2023	1,990,020.00	2,000,000.00	1,968,753.18	0.125%	Aaa	0.398%	119
3130ANYM6	9/17/2021	FHLBB	8/28/2023	1,997,300.00	2,000,000.00	1,968,753.18	0.125%	Aaa	0.194%	119
3133EMH96	9/17/2021	FFCBB	6/14/2023	1,998,640.00	2,000,000.00	1,988,216.90	0.125%	Aaa	0.164%	44
3130AMRY0	6/10/2021	FHLBB	6/2/2023	2,000,078.00	2,000,000.00	1,990,764.06	0.125%	Aaa	0.123%	32
				38,227,320.80	38,390,000.00	37,927,209.09	2.507%		2.762%	307
<b>Negotiable Certificates of Deposit</b>										
9497633X2	11/28/2022	Wells Fargo Bank NA	11/29/2024	250,000.00	250,000.00	249,631.71	4.850%	*	4.850%	578
90348J7G9	11/23/2022	UBS Bank USA	11/25/2024	250,000.00	250,000.00	249,450.26	4.800%	*	4.800%	574
178180GR0	11/23/2022	City Natl BK-Bev Hills	11/25/2024	250,000.00	250,000.00	249,634.72	4.850%	*	4.850%	574
30425PAU2	12/2/2022	Fairfield County Bank	6/3/2024	250,000.00	250,000.00	249,900.99	4.900%	*	4.900%	399

**AVEK Portfolio Details - Investments, Month Ending April 30, 2023**

**AVEK Managed Portfolio**

CUSIP	Purchase Date	Issuer	Maturity Date	Purchase Price	Par Value	Market Value	Stated Rate	Moody's	YTM	Days to Mat/Call
<b>Negotiable Certificates of Deposit (cont)</b>										
61768ENB5	11/25/2022	Morgan Stanley Pvt Bank	5/28/2024	250,000.00	250,000.00	249,779.08	4.800%	*	4.800%	393
48128WSY2	4/29/2022	JP Morgan Chase Bank	4/29/2024	250,000.00	250,000.00	244,025.01	2.400%	*	2.400%	364
52603NAG6	4/29/2022	Lendingclub Bank Utah	4/29/2024	250,000.00	250,000.00	243,478.05	2.200%	*	2.200%	364
02007GQA4	4/28/2022	Ally Bank	4/29/2024	250,000.00	250,000.00	244,586.16	2.650%	*	2.650%	364
38149M5U3	4/27/2022	Goldman Sachs Bank USA	4/29/2024	250,000.00	250,000.00	243,975.19	2.400%	*	2.400%	364
254673B62	4/27/2022	Discover Bank	4/29/2024	250,000.00	250,000.00	244,218.94	2.500%	*	2.500%	364
14042RQV6	4/27/2022	Capital One NA	4/29/2024	250,000.00	250,000.00	244,340.82	2.550%	*	2.550%	364
06740KPS0	4/27/2022	Barclays Bank Delaware	4/29/2024	250,000.00	250,000.00	243,975.19	2.400%	*	2.400%	364
14042TFR3	4/27/2022	Capital One Bank USA NA	4/29/2024	250,000.00	250,000.00	244,340.82	2.550%	*	2.550%	364
02589ACB6	4/27/2022	American Express NB	4/29/2024	250,000.00	250,000.00	244,340.82	2.550%	*	2.550%	364
87165HN89	4/22/2022	Synchrony Bank	4/22/2024	250,000.00	250,000.00	244,084.98	2.400%	*	2.400%	357
47804GHB2	10/29/2021	John Marshall Bank	11/29/2023	250,000.00	250,000.00	243,238.96	0.200%	*	0.200%	212
45338JAG1	11/19/2021	Incrediblebank	11/17/2023	250,000.00	250,000.00	243,791.77	0.350%	*	0.350%	200
41939HBK7	11/12/2021	Haven Savings Bank	11/13/2023	250,000.00	250,000.00	243,744.88	0.200%	*	0.200%	196
947547NK7	10/29/2021	Webbank	10/30/2023	250,000.00	250,000.00	244,343.76	0.350%	*	0.350%	182
26518EAL3	10/29/2021	Dundee Bank	10/30/2023	250,000.00	250,000.00	244,156.78	0.200%	*	0.200%	182
19646PAH7	6/16/2021	Colorado Federal Svgs Bk	6/16/2023	250,000.00	250,000.00	248,364.50	0.100%	*	0.100%	46
33847E4M6	6/16/2021	Flagstar Bank FSB	6/16/2023	250,000.00	250,000.00	248,379.75	0.150%	*	0.150%	46
58404DKR1	6/15/2021	Medallion Bank Utah	6/15/2023	250,000.00	250,000.00	248,428.57	0.100%	*	0.100%	45
				5,750,000.00	5,750,000.00	5,654,211.71	2.193%		2.193%	316
<b>Corporate Notes</b>										
06406RAX5	10/27/2022	Bank of NY Mellon	10/25/2024	1,730,745.65	1,873,000.00	1,758,759.27	0.850%	A1	4.893%	543
06406RAL1	6/30/2022	Bank of NY Mellon	10/24/2024	1,697,447.50	1,750,000.00	1,678,909.23	2.100%	A1	3.459%	542
61761JVL0	6/30/2022	Morgan Stanley	10/23/2024	1,999,520.00	2,000,000.00	1,960,229.12	3.700%	A1	3.709%	541
94974BGA2	6/30/2022	Wells Fargo & Company	9/9/2024	2,477,000.00	2,500,000.00	2,444,431.80	3.300%	A1	3.739%	497
06051GJX8	11/18/2022	Bank of America Corp	5/28/2024	2,974,500.00	3,000,000.00	2,992,410.00	5.272%	A2	5.467%	393
808513BM6	5/31/2022	Charles Schwab Corp	3/18/2024	1,000,920.00	1,000,000.00	989,490.72	5.282%	A2	1.231%	322
717081ES8	10/27/2022	Pfizer Inc	3/15/2024	1,958,996.00	2,000,000.00	1,968,310.18	2.950%	A2	4.493%	319
17275RAN2	10/27/2022	Cisco Systems Inc	3/4/2024	1,678,799.30	1,700,000.00	1,680,528.27	3.625%	A1	4.583%	308
02079KAB3	10/27/2022	Alphabet Inc	2/25/2024	1,973,934.00	2,000,000.00	1,980,076.20	3.375%	AA2	4.393%	300
63743HEU2	10/29/2021	National Rural Util COOP	2/8/2024	1,982,460.00	2,000,000.00	1,926,102.66	0.350%	A2	0.739%	283
6174468W2	1/31/2022	Morgan Stanley	1/25/2024	993,528.00	1,000,000.00	999,020.00	5.256%	A1	1.190%	269
05724BAB5	1/31/2022	Baker Hughes LLC	12/15/2023	998,668.00	1,000,000.00	975,236.39	1.231%	A3	1.300%	228
48133MDZ0	10/31/2022	JPMorgan Chase & Co	11/30/2023	3,000,000.00	3,000,000.00	2,982,997.68	5.000%	A1	5.000%	213



AVEK Portfolio Details - Investments, Month Ending April 30, 2023										
AVEK Managed Portfolio										
CUSIP	Purchase Date	Issuer	Maturity Date	Purchase Price	Par Value	Market Value	Stated Rate	Moody's	YTM	Days to Mat/Call
<b>Corporate Notes (cont)</b>										
02665WDP3	6/30/2022	American Honda Finance	9/8/2023	2,495,150.00	2,500,000.00	2,496,543.23	5.428%	A3	2.754%	130
55261FAK0	5/31/2022	M&T Bank Corporation	7/26/2023	2,003,960.00	2,000,000.00	1,995,545.12	5.948%	A3	2.038%	86
46625HJJ0	4/22/2021	JPMorgan Chase & Co	5/1/2023	2,118,820.00	2,000,000.00	2,000,000.00	3.375%	A3	0.425%	0
				31,084,448.45	31,323,000.00	30,828,589.87	3.679%		3.383%	311
<b>LAIF - Local Agency Investment Pool</b>										
		LAIF		23,776,681.60	23,776,681.60	23,776,681.60	2.870%		2.870%	1
				23,776,681.60	23,776,681.60	23,776,681.60	2.870%		2.870%	1
<b>Total</b>				102,513,460.36	102,914,691.11	101,861,701.78				
*	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.									

<b>Antelope Valley-East Kern Water Agency</b>								
<b>Treasurer's Monthly Report</b>								
<b>April 30, 2023</b>								
<b>AVEK Transactions, Month Ending April 30, 2023</b>								
<b>AVEK Managed Portfolio</b>								
	<b>Purchase</b>		<b>Mat/Call</b>	<b>Par</b>	<b>Stated</b>	<b>Total Int</b>		<b>Earnings</b>
<b>CUSIP</b>	<b>Date</b>	<b>Issuer</b>	<b>Date</b>	<b>Value</b>	<b>Rate</b>	<b>Earned</b>	<b>Days</b>	<b>%</b>
<b>Government Agencies</b>								
<u>Purchases</u>								
No purchases during April 2023								
<u>Maturities/Calls</u>								
3133EMVP4	4/21/2021	FFCBB	4/13/2023	2,000,000	0.125%	4,944	722	0.123%
				2,000,000	0.125%	4,944	722	0.123%
<b>Negotiable Certificates of Deposit</b>								
<u>Purchases</u>								
No purchases during April 2023								
<u>Maturities/Calls</u>								
No maturities during April 2023								
<b>Corporate Notes</b>								
<u>Purchases</u>								
No purchases during April 2023								
<u>Maturities/Calls</u>								
911312BJ4	6/11/2021	United Parcel Service	4/3/2023	2,190,000	variable	86,074	661	2.141%
911312BJ4	2/3/2021	United Parcel Service	4/3/2023	635,000	variable	26,465	789	1.902%
				2,825,000		112,539	690	2.087%
<u>Transfers</u>								
From Account	Date	To Account	Amount					
Money Market - 0030	4/26/2023	Checking - 5484	\$ 10,000,000					

<b>Antelope Valley-East Kern Water Agency</b>						
<b>Treasurer's Monthly Report</b>						
<b>April 30, 2023</b>						
<b>PFM Portfolio Summary, Month Ending April 30, 2023</b>						
<b>PFM Managed Portfolio</b>						
	Par	Market	Purchase	% of	Days to	
	Value	Value	Price	Portfolio	Maturity	YTM
<b>Investments</b>						
<i>PFM</i>						
Money Market	\$ 322,831.92	\$ 322,831.92	\$ 322,831.92	1.24%	1	0.090%
Negotiable CDs	400,000.00	399,710.52	400,000.00	1.53%	543	5.440%
Commercial Paper	700,000.00	695,824.50	678,999.22	2.67%	39	4.150%
Corporate Notes	2,845,000.00	2,812,633.52	2,898,403.76	10.79%	210	1.659%
Federal Agency Bonds/Notes	13,050,000.00	13,041,451.30	13,067,058.70	50.02%	558	4.185%
US Treasury Bonds/Notes	9,000,000.00	8,800,609.08	8,949,777.36	33.75%	381	2.673%
Total Investments	\$ 26,317,831.92	\$ 26,073,060.84	\$ 26,317,070.96	100.00%	438	3.370%
					Net of Associated Fees	3.361%
Ending Accrued Interest		213,601.28				
Total Cash & Investments	\$ 26,317,831.92	\$ 26,286,662.12				
Total Cash & Investments - 3/31/23	\$ 26,328,190.55	\$ 26,204,255.73				
	April 30, 2023	Fiscal Year				
	(Month Ending)	To Date				
<b>Total Earnings</b>						
Current Year	83,324.71	500,673.69				
Portfolio Yield to Maturity	3.370%	2.142%				
<b>Fees</b>						
PFM Asset Mgt - 3/1/23 to 3/31/23	2,219.87	21,627.66				
BNY Mellon - 3/1/23 to 3/31/23	250.00	2,500.00				
Total Fees	2,469.87	24,127.66				
	0.009%	0.093%				

<b>Antelope Valley-East Kern Water Agency</b>										
<b>Treasurer's Monthly Report</b>										
<b>April 30, 2023</b>										
<b>PFM Portfolio Details - Investments, Month Ending April 30, 2023</b>										
<b>PFM Managed Portfolio</b>										
CUSIP	Purchase Date	Issuer	Maturity Date	Purchase Price	Par Value	Market Value	Stated Rate	Moody's	YTM	Days to Mat/Call
<b>Money Market</b>										
		Federated Govt Oblig FD		322,831.92	322,831.92	322,831.92	0.090%	Aaa	0.090%	1
				322,831.92	322,831.92	322,831.92	0.090%		0.090%	1
<b>Negotiable Certificates of Deposit</b>										
89115B6F2	10/31/2022	Toronto Dominion Bank NY	10/25/2024	400,000.00	400,000.00	399,710.52	5.470%	A1	5.440%	543
				400,000.00	400,000.00	399,710.52	5.470%		5.440%	543
<b>Commercial Paper</b>										
62479MT94	9/14/2022	MUFG Bank LTD/NY	6/9/2023	678,999.22	700,000.00	695,824.50	0.000%	P-1	4.150%	39
				678,999.22	700,000.00	695,824.50	0.000%		4.150%	39
<b>Corporate Notes</b>										
025816CG2	8/3/2022	American Express Co	7/30/2024	196,430.00	200,000.00	193,893.40	2.500%	A2	3.430%	456
14913Q2V0	5/23/2022	Caterpillar Financial	5/17/2024	199,788.00	200,000.00	195,799.20	2.850%	A2	2.910%	382
459200JY8	6/17/2022	IBM Corp	5/15/2024	183,037.15	185,000.00	181,194.92	3.000%	A3	3.580%	380
20030NCR0	6/17/2022	Comcast Corp	4/15/2024	185,540.20	185,000.00	182,741.52	3.700%	A3	3.530%	350
38141GZP2	5/23/2022	Goldman Sachs Group Inc	3/15/2024	198,826.00	200,000.00	196,246.80	3.000%	A2	3.340%	319
06406HCS6	2/10/2022	Bank of NY Mellon	2/4/2024	28,042.20	27,000.00	26,698.73	3.650%	A1	1.660%	279
06406HCS6	2/10/2022	Bank of NY Mellon	2/4/2024	361,404.96	348,000.00	344,117.02	3.650%	A1	1.670%	279
172967HD6	11/8/2021	Citigroup Inc	10/25/2023	186,299.75	175,000.00	174,159.13	3.875%	A3	0.560%	177
89236TDK8	11/12/2021	Toyota Motor Credit Corp	10/18/2023	206,564.00	200,000.00	197,272.00	2.250%	A1	0.540%	170
02665WDM0	11/8/2021	American Honda Finance	9/8/2023	200,302.00	200,000.00	196,910.80	0.650%	A3	0.570%	130
06053FAA7	8/9/2021	Bank of America	7/24/2023	375,284.00	350,000.00	349,288.80	4.100%	A2	0.390%	84
166764BV1	2/10/2022	Chevron Corp	5/11/2023	199,898.00	200,000.00	199,824.20	1.141%	Aa2	1.180%	10
037833DV9	11/8/2021	Apple Inc	5/11/2023	376,987.50	375,000.00	374,487.00	0.750%	Aaa	0.400%	10
				2,898,403.76	2,845,000.00	2,812,633.52	2.629%		1.659%	210
<b>Federal Agency Bonds/Notes</b>										
3130AUZC1	4/18/2023	FHLB Notes	3/14/2025	2,008,240.00	2,000,000.00	2,014,480.00	4.625%	Aaa	4.390%	683
3130AV7L0	3/22/2023	FHLB Notes	2/28/2025	2,023,800.00	2,000,000.00	2,025,882.00	5.000%	Aaa	4.350%	669
3133EN4N7	1/4/2023	FFCB Notes	12/20/2024	2,485,350.00	2,500,000.00	2,494,705.00	4.250%	Aaa	4.560%	599
3133ENZ94	12/7/2022	FFCB Notes	11/18/2024	499,780.00	500,000.00	500,140.50	4.500%	Aaa	4.520%	567

**PFM Portfolio Details - Investments, Month Ending April 30, 2023**

PFM Managed Portfolio										
CUSIP	Purchase Date	Issuer	Maturity Date	Purchase Price	Par Value	Market Value	Stated Rate	Moody's	YTM	Days to Mat/Call
<b>Federal Agency Bonds/Notes cont.</b>										
3133ENP79	9/30/2022	FFCB Notes	9/26/2024	998,120.00	1,000,000.00	996,700.00	4.250%	Aaa	4.350%	514
3130ATVD6	2/8/2023	FHLB Notes	9/13/2024	2,504,068.92	2,500,000.00	2,511,745.00	4.875%	Aaa	4.770%	501
3130ASME6	8/3/2022	FHLB Notes	7/8/2024	800,856.00	800,000.00	785,164.80	3.000%	Aaa	2.940%	434
3130ASME6	7/11/2022	FHLB Notes	7/8/2024	139,487.18	140,000.00	137,403.84	3.000%	Aaa	3.190%	434
3130ASME6	7/8/2022	FHLB Notes	7/8/2024	109,786.60	110,000.00	107,960.16	3.000%	Aaa	3.100%	434
3133ENWP1	5/19/2022	FFCB Notes	5/16/2024	1,497,570.00	1,500,000.00	1,467,270.00	2.625%	Aaa	2.710%	381
				13,067,058.70	13,050,000.00	13,041,451.30	4.264%		4.185%	558
<b>US Treasury Bonds/Notes</b>										
91282CFG1	9/30/2022	US Treasury N/B	8/31/2024	1,473,691.41	1,500,000.00	1,475,625.00	3.250%	Aaa	4.210%	488
91282CFG1	9/14/2022	US Treasury N/B	8/31/2024	594,234.38	600,000.00	590,250.00	3.250%	Aaa	3.760%	488
91282CFA4	8/3/2022	US Treasury N/B	7/31/2024	1,002,031.25	1,000,000.00	980,625.00	3.000%	Aaa	2.890%	457
91282CER8	6/7/2022	US Treasury N/B	5/31/2024	2,190,117.19	2,200,000.00	2,146,718.64	2.500%	Aaa	2.730%	396
9128286G0	3/23/2022	US Treasury Notes	2/29/2024	1,906,085.94	1,900,000.00	1,861,109.28	2.375%	Aaa	2.200%	304
91282CDV0	2/9/2022	US Treasury N/B	1/31/2024	1,783,617.19	1,800,000.00	1,746,281.16	0.875%	Aaa	1.340%	275
				8,949,777.36	9,000,000.00	8,800,609.08	2.379%		2.673%	381
<b>Total</b>				26,317,070.96	26,317,831.92	26,073,060.84				
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								
April 30, 2023								
PFM Transactions, Month Ending April 30, 2023								
PFM Managed Portfolio								
CUSIP	Purchase Date	Issuer	Mat/Call Date	Par Value	Stated Rate	Total Int Earned	Days	Earnings %
<b>Negotiable Certificates of Deposit</b>								
<u>Purchases</u>								
no purchases during April 2023								
<u>Maturities/Calls</u>								
no maturities during April 2023								
<b>Commercial Paper</b>								
<u>Purchases</u>								
no purchases during April 2023								
<u>Maturities/Calls</u>								
no maturities during April 2023								
<b>Corporate Notes</b>								
<u>Purchases</u>								
no purchases during April 2023								
<u>Maturities/Calls</u>								
no maturities during April 2023								

PFM Transactions, Month Ending April 30, 2023

PFM Managed Portfolio

CUSIP	Purchase Date	Issuer	Mat/Call Date	Par Value	Stated Rate	Total Int Earned	Days	Earnings %
<b>Federal Agency Bonds/Notes</b>								
<u>Purchases</u>								
3130AUZC1	4/18/2023	FHLB Notes	3/14/2025	2,000,000	4.625%			
				2,000,000	4.625%			
<u>Maturities/Calls</u>								
no maturities during April 2023								
<b>US Treasury Bonds/Notes</b>								
<u>Purchases</u>								
no purchases during April 2023								
<u>Maturities/Calls</u>								
no maturities during April 2023								
<u>Transfers</u>								
From Account	Date	To Account	Amount					
no transfers during April 2023								

**AVEK Water Agency**  
**Property Tax Revenue**  
**Comparison at April 30, 2023 and 2022**  
**Fiscal Year to Date: 7/1/22 through 4/30/23 and 7/1/21 through 4/30/22**

	<u>YTD 4/30/23</u>	<u>YTD 4/30/22</u>	<u>Difference</u>	<u>% Increase</u>
<b>LA County</b>	\$ 24,149,850.42	\$ 21,728,626.40	\$ 2,421,224.02	11.1%
<b>Kern County</b>	\$ 12,449,285.00	\$ 11,168,074.72	\$ 1,281,210.28	11.5%
	<u>\$ 36,599,135.42</u>	<u>\$ 32,896,701.12</u>	<u>\$ 3,702,434.30</u>	<u>11.3%</u>



**RECOMMENDED BOARD ORDER 8(b-1)**

To the Board of Directors

**FOR BOARD ACTION**

**AUTHORIZE THE SCADA SOFTWARE PACKAGE:**

The Board of Directors adopted the following board order on  
May 23, 2023:

Authorizing the selection and future procurement of Ignition by  
Inductive Automation as the Agency's New SCADA Software, as presented,  
and recommended.

Motion by \_\_\_\_\_

Second by \_\_\_\_\_

Carried \_\_\_\_\_

**BOARD ORDER 8(b-1)**

05-23-23



**Date:** May 23, 2023  
**To:** Board of Directors  
**From:** Matthew Knudson, General Manager *mk*  
Justin Livesay, Engineering Manager

**Agenda Item: 8(b-1)**

---

**Subject: Consideration and possible action on selection of SCADA Software package**

---

**Recommendation:**

The Planning Committee and staff recommend the Board authorize the selection and future procurement of Ignition by Inductive Automation as the Agency’s new SCADA software.

**Background:**

The Agency’s existing SCADA system was developed and installed by Automation Services in 1995 and is a proprietary, single-engineer supported SCADA system. Although it has served us well and is a robust and capable system, the Board directed staff to work towards the identification of a more widely supported system. The Board authorized contracts with Black & Veatch and Automation Services in 2021 to begin a thorough process of identifying leading SCADA systems on the market and selecting the system which is most appropriate for use at AVEK.

Phases of the selection process included a review of AVEK’s existing SCADA system and operation, review of industry “best practices” and the applicability to AVEK’s operation, development of a “Functional Requirements” document which documented AVEK’s current SCADA infrastructure and needs to serve as a basis for evaluation of SCADA systems, identification and detailed evaluation of 19 industry-leading SCADA software packages, evaluation of a demo copy of two short-listed SCADA software packages for confirmation that they include all required features, and evaluation of costs and location of future technical support base.

After this thorough review the recommendation from the consultants and staff is the selection of Ignition by Inductive Automation due to the simplicity and customizability of programming to meet AVEK’s needs, lowest cost of the two short-listed SCADA software packages, and a west coast technical support base.

**Fiscal Impact:**

The SCADA Upgrade project, including the purchase of the SCADA software package and implementation, has been built into the 5-year Financial Plan and the previously approved Capital Budget. The initial purchase cost of Ignition is estimated to be \$111,601 with an ongoing annual cost of approximately \$15,393. \$3 million has been included in the Financial Plan, rate calculations, and budget for the procurement and implementation of the new SCADA software across all Agency treatment plants and facilities.

**Strategic Plan Element:**

This project meets Strategic Goal 4; Strategy 5; Objective 2 – Maintain facilities operational support.

**Attachments:**

None



**RECOMMENDED BOARD ORDER 8(b-2)**

To the Board of Directors

**FOR BOARD ACTION**

**AUTHORIZE THE RELEASE OF REQUEST FOR QUALIFICATIONS (RFQ) FOR SCADA SYSTEM INTEGRATOR SERVICES:**

The Board of Directors adopted the following board order on  
May 23, 2023:

Authorizing staff to release the Request for Qualifications (RFQ) for  
SCADA integrator services, as presented and recommended.

Motion by \_\_\_\_\_

Second by \_\_\_\_\_

Carried \_\_\_\_\_

**BOARD ORDER 8(b-2)**

05-23-23



**Date:** May 23, 2023  
**To:** Board of Directors  
**From:** Matthew Knudson, General Manager *MK*  
Justin Livesay, Engineering Manager

**Agenda Item: 8(b-2)**

---

**Subject: Consideration and possible action on release of Request for Qualifications (RFQ) for SCADA System Integrator services**

---

**Recommendation:**

The Planning Committee and staff recommend the Board authorize the release of a Request for Qualifications (RFQ) for SCADA integrator services.

**Background:**

The Agency's existing SCADA system was developed and installed by Automation Services in 1995 and is a proprietary, single-engineer supported SCADA system. Although it has served us well and is a robust and capable system, the Board directed staff to work towards the identification of a more widely supported system. The Board authorized contracts with Black & Veatch and Automation Services in 2021 to begin a thorough process of identifying leading SCADA systems on the market and selecting the system which is most appropriate for use at AVEK. After a thorough evaluation process, consultants and staff recommend the selection of Ignition by Inductive Automation.

With the SCADA software selected, the engineering and programming teams, known as integrators, need to be selected to implement the selected SCADA software across AVEK's treatment plants and facilities. Black & Veatch's contract included the development of an RFQ to solicit competitive proposals from integrators with experience with the newly selected SCADA software. This RFQ has been drafted and is ready for release for competitive solicitations.

Participants in the solicitation process will be required to provide qualifications of the firm, relevant experience and references, qualifications of proposed project team members and organization structure, and hourly rates for personnel including escalated rates over the next three years not to exceed 3% per year.

The selected integrator will enter into a master contract which establishes key personnel and rates. Each phase of the implementation will require individual proposals, fee negotiations, and Task Order authorization by the Board. The Tasks Orders envisioned include:

- Preliminary design of one representative AVEK facility
- Detailed design of first AVEK facility
- Implementation of first AVEK facility
- Design & implementation of remaining AVEK facilities

**Fiscal Impact:**

The SCADA Upgrade project, including the purchase of the SCADA software package and implementation, has been built into the 5-year Financial Plan and the previously approved Capital Budget. The value of the services anticipated to be rendered by the selected integrator are estimated to be approximately \$1.5 million over the course of 2-3 years. Additional support services anticipated will be for construction/integration management provided by an outside consultant and owner's representative support services provided by Automation Services. \$3 million has been included in the Financial Plan, rate calculations, and budget for the procurement and implementation of the new SCADA software across all Agency treatment plants and facilities.

**Strategic Plan Element:**

This project meets Strategic Goal 4; Strategy 5; Objective 2 – Maintain facilities operational support.

**Attachments:**

Request for Qualifications (RFQ) for SCADA System Integrator Services

# ANTELOPE VALLEY-EAST KERN WATER AGENCY



## REQUEST FOR QUALIFICATIONS (RFQ) FOR SCADA SYSTEM INTEGRATOR SERVICES

**Request for Qualifications Issued: TBD**

**Proposals Due: TBD**

*Antelope Valley-East Kern Water Agency  
6500 West Avenue N  
Palmdale, CA 93551*

*661-943-3201*

**TODAYS DATE**



## *Section 1. Introduction*

The Antelope Valley-East Kern Water Agency (AVEK) is inviting SCADA System Integrators (SIs) to submit a Statement of Qualifications (SOQ) to be considered for prequalification in support of AVEK's SCADA System HMI Replacement Project (Project).

SOQs must be submitted by SIs that are of capable and demonstrable background in the type of work described in Section 2 of this invitation. In addition, all interested proposers must have sufficient, readily available resources in the form of trained programming personnel, design professionals, support services, and financial resources to carry out the work.

AVEK intends to qualify and select two (2) or three (3) SIs to provide SCADA system design and integration services in support of the Project. AVEK may proceed into exclusive or concurrent negotiations which may include, but not be limited to, price negotiations with the top-ranked proposers.

The subsequent sections of this RFQ describe the RFQ requirements, deadlines, and information relative to the evaluation of submitted RFQs. It is recommended that respondents read this information thoroughly. A list of invited control system integration firms is provided in Attachment A. Black & Veatch is participating in the SI selection process and is excluded from being the SI. All other qualified firms are encouraged to respond to this solicitation.

## *Section 2. Project Overview*

### *Project Background*

AVEK's mission is to provide a safe and reliable supply of high-quality water to its customers in a cost-effective manner, and to support this mission, AVEK will implement a SCADA HMI Replacement Project. This Project will be a new professional services agreement for AVEK and will be executed by a pre-qualified SCADA SI.

AVEK provides raw and potable water to its 2,400 square mile territory covering parts of Los Angeles and Kern County. Potable water is provided through six major treatment facilities and several smaller facilities including well sites and turnouts.

The six main locations are named:

- Quartz Hill Water Treatment Plant (QHWTP)
- Rosamond Water Treatment Plant (RWTP)
- Eastside Water Treatment Plant (EWTP)
- Acton Water Treatment Plant (AWTP)
- Westside Water Bank (WWB)
- Eastside Water Bank (EWB)

Administrative headquarters is in a dedicated building at the Quartz Hill Water Treatment Plant.

More information about AVEK can be found at <https://www.avek.org/about-us>.

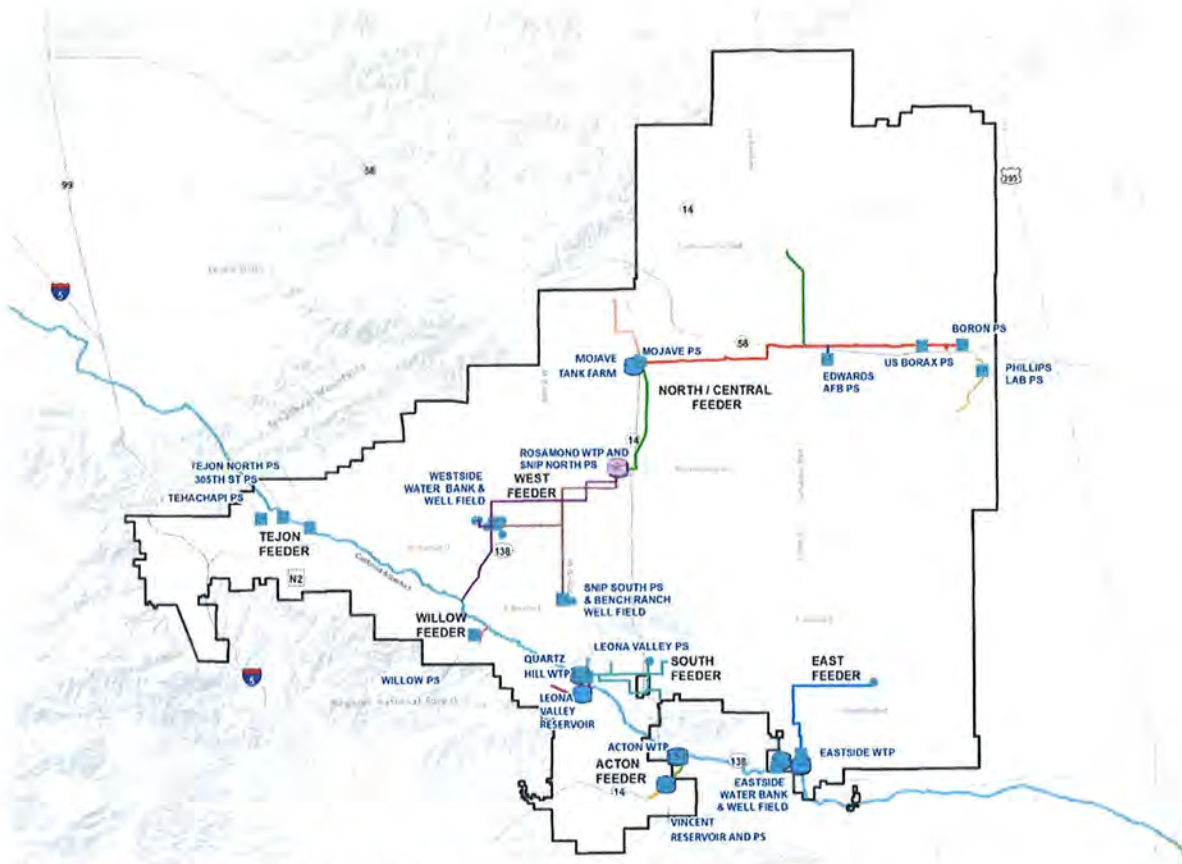


Figure 1 - AVEK's Water Distribution System

### SCADA Background

AVEK's facilities are monitored and controlled by an existing HMI/PLC-based SCADA platform. The HMI software includes Wonderware Intouch and BIF3800. The existing Schneider Electric PLCs are based on the Modicon platform. Most of the PLCs are M340 or Momentum and programmed in Unity Pro / Control Expert.

The SCADA system configurations at the six locations are nearly identical. Both SCADA systems are installed at all locations. The Wonderware system is primarily used for operating the plants. The BIF3800 system is used primarily for alarming and alarm dial out. The BIF3800 has mostly the same I/O points as are in Wonderware. At QHWTP, the BIF3800 SCADA is mostly limited to alarm points.

Each location has a pair of tower computers that are the SCADA servers, communications to the logic controllers, the historian, the engineering workstation, and the human machine interface (HMI) screens. Wonderware InTouch and BIF3800 have redundancy capabilities, and each software is installed on both tower computers. Each tower has one monitor. The SCADA servers are utilized by the treatment plant operators.

There is one SCADA computer at headquarters that has access to all locations. Selected parameters from every location are trended on this computer.

The one feature that is not redundant is the analog phone line that runs to only one of the SCADA servers. The analog phone line is used for dial-out alarm notification. The SCADA server will call out to preprogrammed phone numbers when an alarm condition is unacknowledged for a selectable amount of time. Only one analog phone line is utilized at each location.

#### *SCADA Software Selection*

AVEK utilized Black & Veatch to conduct a criterion based SCADA software selection. The process selected Ignition by Inductive Automation as the new SCADA software platform to replace Wonderware Intouch and BIF3800.

#### *SCADA System Integration Project*

The successful SI will provide design and integration services to replace the existing SCADA HMI software packages with Ignition. The integration services may include procurement, installation, and configuration of SCADA servers, SCADA Clients, SCADA HMI software, SCADA Historian, Alarm notification through telephone or text, and SCADA network upgrades if required. The existing PLCs and programming applications will remain in place. The SI will be responsible for coordinating with the Owner's Representative (OR) for PLC programming to ensure the HMI programming is integrated with the existing PLC applications. It is anticipated that the PLC applications will not require significant modifications. Any modifications that need to be made to the PLCs will be performed by the OR, or by the SI and coordinated through the OR.

It is estimated that the total value of SCADA HMI Replacement Project system design and integration services rendered under this contract will be approximately \$1,500,000 over approximately three (3) years. It is anticipated that one (1) SI will be awarded a contract to provide SCADA design and system integration services on a task order basis to facilitate implementation of the SCADA HMI replacement in a phased approach.

It is anticipated that the project will include the following phases:

Phase 1 – Task 1 - Preliminary Design - HMI System Replacement

Phase 1 – Task 2 - Detailed Design - Facility 1 HMI Replacement

Phase 2 – HMI Replacement – Facility 1

Future Phases – Detailed Design and HMI Replacement of the Remaining Facilities

The term of this contract will be one (1) year with two (2) one-year extensions. Each phase of the project must be negotiated separately and be awarded as a task order, complete with a scope of work, fee estimate, schedule, and project team organization chart. The SI must provide a proposal in response to each solicitation from AVEK's project manager.

Task orders under the agreement will be issued as follows:

- AVEK will provide a scope of work for the task order to the SI.

- SI will submit proposals for each task order including the fee estimate, design and system integration management approach, design and integration team members, qualifications, design/project schedule, and electronic document control system.
- Fee estimates must include hourly labor rates for each proposed team member, subtotals and totals for services and installation labor, materials, tools, hardware, software, and other direct costs by task as well as total costs for each project.
- SI must not proceed with the task order until AVEK issues a Notice to Proceed.
- AVEK reserves the right to negotiate the fee for each task order with the SI.

SI's proposal must include a fee schedule with the proposal. The fee schedule must be in effect upon execution of the contract and include maximum increases in % of hourly wage for job title per calendar year for continuation of the contract for subsequent years. The SI must include a rate schedule for calendar years 2023, 2024, and 2025 in its Statement of Qualifications. These rate schedules must be incorporated into the contract documents and remain in effect for the contract term. The rate schedules included in the Respondent's proposal must be used as the basis for fee estimates included in each task order proposal. The rate schedule and subsequent rate increases are part of the scoring for SI selection.

### *Section 3. Scope of Work*

It is anticipated the SCADA HMI Replacement project will be executed in four (4) or more phases. A Task Order to the Master Agreement will be issued for each phase. The Scope of Services for each phase will vary, but will generally include:

#### Phase 1 – Task 1 – Preliminary Design – SCADA HMI System Replacement

- Basis of design for system-wide SCADA HMI replacement
- Basis of design for first facility
- HMI programming standards
- HMI graphics standards

#### Phase 1 – Task 2 – Detailed Design - Facility 1 SCADA HMI Replacement

- Detailed design for the first facility
- Detailed Bill of Materials

#### Phase 2 – HMI Replacement – Facility 1

- HMI programming and configuration
- HMI commissioning and start up services
- Training and documentation

#### Additional Phases – Detailed Design and HMI Replacement of the Remaining Facilities

- Update basis of design for remaining facilities

- Update SCADA HMI programming standards
- Detailed design for remaining facilities
- HMI replacement for remaining facilities

The Key SI staff members proposed for each task order must not be substituted for the duration of the project without prior approval by AVEK.

The Scope of Services is described in further detail in the following sections.

### *Phase 0: Project Management*

Each phase of the project must include a project management task. Project management must include the following activities.

- **Kick-Off Meeting** – The SI must facilitate a “kick-off” meeting for each phase of the project with AVEK, the OR, and all project stakeholders to become familiar with the scope of work and AVEK’s design and implementation procedures. The SI must be prepared to present its standard design and integration services implementation plan along with templates proposed for use while administering the construction contract (e.g., decision logs, submittal logs, factory and site acceptance testing procedures, meeting minutes, RFI tracking log, etc.).
- **Monthly Coordination Meetings** – The SI must coordinate monthly progress meeting discussing project status, challenges, accomplishments, schedule, and invoice status.
- **Monthly Invoicing and Progress Reports** – The SI must provide monthly invoices and progress reports.

### *Phase 1 - Task 1 - Preliminary Design – SCADA HMI Replacement*

The first task in the first phase of the project must include activities and workshops necessary to develop a preliminary design for AVEK’s system-wide SCADA HMI system. The intent is NOT to take the existing system and just convert it to the new system. The intent is to have several workshops to discuss and document the existing needed functionality. Review the newly available functionality and determine the design of the new system that is common across the entire organization. This will include SCADA Architecture, Alarming, HMI interaction and other topics. Phase 1 must include the following activities.

- **Review Existing Documentation** – AVEK will work closely with the SI to identify and gather existing SCADA system documentation. The SI must review existing documentation to become familiar with the existing SCADA system installation prior to performing site visits and field investigations.

- **Site Visits and Field Investigations** – The SI must review the existing screens and coordinate discussions with plant supervisors and operators to review the current functionality and desired future functionality.
- **Findings and Existing System Verification Workshop** – The SI must hold system verification workshops. The new SCADA system should be connected in parallel to the existing SCADA systems or utilize simulated PLCs to demonstrate a representative example of the new SCADA screens and capabilities.
- **SCADA System Architecture** – The SI must hold a workshop to review and verify the SCADA System Architecture to include but be not limited to, server redundancy, historian placement, network connectivity, bandwidth verification, remote monitoring, remote operations, remote alarm annunciation, remote alarm acknowledgement, connectivity to field assets, SCADA system (and PLC) backup location, and other architecture topics.
- **SCADA Design Basis Report** – The basis of design report must include a preliminary design for AVEK’s system-wide HMI server architecture and HMI replacement for Facility 1. The basis of design report will identify the level of detailed design, system documentation, testing, commissioning, startup and training that will be required for the project.
- **HMI Programming Standards Workshops** – HMI standards include but are not limited to graphic display standards for shapes and colors of pumps, valves, and other equipment.
- **Develop HMI Programming Standards** – Consistency across AVEK is important for simplicity and supportability. Workshops will be coordinated with the OR to discuss the SIs recommend approach for each challenge. Alarming interaction between the HMI and the PLCs will be specifically discussed. Consensus will be achieved and documented.
- **Phase 1 – Task 2 – Proposal** - SI must provide a proposal for Phase 1 – Task 2 based on the preliminary design developed in Phase 1 – Task 1.

The deliverables are:

- SCADA Design Basis Report
  - o SCADA Network Architecture Drawing
  - o HMI Standards
  - o Alarming Standards

### *Phase 1 – Task 2: Detailed Design – Facility 1 SCADA HMI Replacement*

Phase 1 – Task 2 must include activities and workshops necessary to develop the detailed design for the HMI replacement for Facility 1. Phase 1 – Task 2 must include the following activities.

- **Site Visits and Field Investigations** – If required, SI will perform additional site visits and field investigations at Facility 1 to gather information for the detailed design.

- **Coordination with OR and PLC Programs** – Coordinate with the OR to review the specific logic controllers at Facility 1. Driver configurations, alarming interaction, heartbeat communication verification, logging requirements and several other topics.
- **HMI Replacement Design Deliverables** – SI must provide design documentation as defined in the preliminary design report in Phase 1 – Task 1. Design documents will be submitted at 50 percent, 90 percent, and final completion. SI will present the 50 percent and 90 percent documents at submittal review workshops. AVEK will provide comments to the SI after a 2-week review period. SI must incorporate AVEK’s comments into the 90 percent and final design documents.
- **Detailed Bill of Materials** – SI must develop a detailed bill of materials for the project. If deemed to be in AVEK’s best interest, AVEK may procure certain software and/or hardware and turn over to the SI for implementation. SI must provide AVEK with detailed quantities, model numbers, and/or specifications for software or hardware that AVEK may procure for the project.
- **Phase 2 Proposal** – SI must provide a proposal for Phase 2 based on the HMI Replacement Detailed Design developed in Phase 1 – Task 2.

### *Phase 2: HMI Replacement – Facility 1*

Phase 2 must include HMI system integration services to replace the existing HMI at Facility 1 with Inductive Automation Ignition software. Phase 3 must include the following activities.

- **SCADA HMI Programming Standards Update** – If required, SI will update the SCADA HMI programming standards to reflect additional details from the detailed design phase as the implementation progresses.
- **Create Hardware and Software Bill of Materials** – The SI will create a detailed hardware bill of materials for AVEK to procure. The SI will create a detailed bill of materials for software licenses for AVEK to procure.
- **HMI Workshops** – Review objects and templates, process overviews, detailed process displays, control pop-ups, trends, dashboards, alarms and reporting.
- **Coordination with OR and PLC Programs** – The SI may need to coordinate with the OR to receive backups for the PLC programs for HMI development at the SI. There may need to be workshops with the SI and the OR to review the logic in the PLCs.
- **HMI Application Development Progress Workshops** – It is presumed that the new SCADA system will be able coexist peacefully with the existing SCADA systems. If not, PLC simulation should be possible. New SCADA screens should be made available to the plant individuals for functionality and comment. The SI and the OR will reconcile comments.

- **Installation, Testing, and Commissioning Plan** – The SI will create a recommended installation, testing and commissioning plan. The plan will be reviewed and negotiated with the OR and the facility.
- **Factory Acceptance Testing** – It is presumed that PLC simulation should be possible. The SI will use the SCADA servers to verify the functionality of the SCADA screens prior to being made available to the plant individuals for functionality and comment. The SI and the OR will reconcile comments.
- **HMI Installation** – The SI will install servers, monitors, keyboards including cabling.
- **HMI Site Testing and Commissioning** – The SI will coordinate site testing and document the system is functioning to the specification and the needs of the facility. After the agreed to commission time, perhaps 30 days, the SI will power down to the old SCADA servers and provide them to AVEK.
- **Training** – The SI will provide training to the plant personnel on the new SCADA system.
- **Documentation** – Provide all documentation as defined in preliminary design report and detailed design documents. Identify and document lessons learned.

#### *Future Phases: Detailed Design and HMI Replacement – Remaining Facilities*

Future phases may be completed as a single task order or may be broken down into smaller task orders at the discretion of AVEK. Future phases will include the following activities.

- **Update Preliminary Design Report** – SI must update the preliminary design report to reflect lessons learned from Phase 2 and to provide preliminary design information for the specific facilities included in the task order.
- **Update HMI Programming Standards** – If required, SI will update the SCADA HMI programming standards to reflect lessons learned or changes in the preliminary design report.
- **Detailed Design for Remaining Facilities** - SI must perform detailed design activities as described in Phase 2 above for the remaining facilities.
- **HMI Replacement for Remaining Facilities** – SI must perform HMI Replacement activities as described in Phase 2 above for the remaining facilities included in the task order.



## Section 4. Evaluation Process

### Contact Information

Justin Livesay will be the Owner Contact for the purposes of this RFQ and will facilitate the RFQ process. All communications, including Requests for Information (RFIs), must be submitted in writing by email and must specifically reference this RFQ. All questions or comments must be directed to the Owner Contact as follows:

**Justin Livesay      Engineering Manager**  
**Email Address: [jlivesay@avek.org](mailto:jlivesay@avek.org)**

Oral communication with the Owner Contact or other individual must not be binding. Contact with any Public Official, AVEK board member, Owner's Representative (OR), or Owner's staff outside of the Owner Contact must not be permitted. Failure to comply may result in disqualification of the Respondent.

### Evaluation Process and Procurement Schedule

AVEK will evaluate the proposals submitted in response to this RFQ and may develop a short list of teams for interview. Based on evaluation of the RFQ responses and interviews (if required) AVEK will select 2 or 3 SIs as pre-qualified SCADA system integrators. AVEK may proceed into exclusive or concurrent negotiations which may include, but not be limited to, price negotiations with the pre-qualified SIs for the Phase 1 services described in Section 3. Notice of award for the SCADA HMI Replacement Project Phase 1 will be given after successful completion of negotiations. AVEK, at their discretion, may enter into negotiations with pre-qualified SI for future Phases of the SCADA HMI Replacement project.

Dates shown for the Project are indicated below. Dates will be changed only by written addenda as described herein.

EVENT	DATE
Issue RFQ	TBD
Pre-Proposal Meeting	TBD
Deadline for RFIs	TBD
Responses to RFIs Issued	TBD
Proposals Due	TBD
Interviews (If required)	TBD
Selection of Preferred Proposers	TBD
Notice of Award and Signed Contract	TBD

### Pre-Proposal Meeting

The pre-proposal meeting will be held via Zoom web conference on TBD DATE at TBD TIME p.m. Please use the following link to join: <https://us02web.zoom.us/j/TBD>

### Submittal Requirements

RFQ responses must be printed on 8½-inch by 11-inch pages. 11-inch by 17-inch pages may be used, but their use should be minimized. The minimum suggested font size for the body of this response is 11-point, but smaller fonts may be used for graphics or tables at a Respondent's discretion.

There is a 15-page limitation on the RFQ response with the following exceptions to the page count: cover page, section dividers, resumes, and back cover. Respondents are strongly encouraged to be concise in their submittals and to avoid excessive narrative or additional "boilerplate" items that are not directly relevant to the evaluation criteria. Supplemental marketing materials, brochures, or attachments are not desired. AVEK, at its sole discretion, may disqualify any respondent that does not follow the required format and page size requirements or that submits excessive, extraneous, or illegible materials.

Respondents must submit one electronic format Portable Document Format (PDF) file no later than the required response date and time via email to Justin Livesay at [jlivesay@avek.org](mailto:jlivesay@avek.org). The PDF file must be formatted to be read electronically and to easily accommodate color printing on standard page sizes of 8.5-inches by 11-inches and 11-inches by 17-inches. The PDF file must be bookmarked by section and text-searchable by Adobe Acrobat software. This file must not be use restricted or password protected.

Responses to this RFQ are due no later than **5 PM, PST on TBD DATE**. Responses received after the date and time specified will not be considered. AVEK will not be liable for costs incurred by the Respondents in preparing a response to this RFQ.

### Required Proposal Organization and Scoring Criteria

AVEK will establish an evaluation committee to review and score proposals and recommend a short-list of Respondents for interview. The evaluation committee will include representatives from engineering, operations and/or finance. AVEK reserves the right to modify evaluation committee membership at any time, including between short-listing and proposal evaluation.

Each proposal will be initially reviewed to determine whether it is responsive to the RFQ. Failure to comply with the requirements of this RFQ may result in a proposal being rejected as nonresponsive. At its sole discretion, however, the evaluation committee may waive any minor irregularity in the proposal and may request clarification or additional information to remedy a failure. At its sole discretion, the selection committee may also reject all proposals.

The evaluation committee will evaluate, score, and rank the responsive proposals using the scoring criteria set forth herein. The response to the RFQ will be weighted as follows according to the scoring criteria noted in the section below.

**A total of 100 points**

- 1. Transmittal Letter (2-page limit)**
- 2. Qualifications of the Firm (10 points)**
- 3. Qualifications of Project Team (30 points)**
- 4. Project Experience (30 points)**
- 5. Project Approach and Scope of Work (15 points)**
- 6. Rate Schedule (15 points)**

**1. Transmittal Letter**

**Instructions**

The transmittal letter must be signed by an authorized representative of the Respondent. In addition to the authorized signatory, the letter must include:

- The name, title, email, and phone number for the Respondent's preferred single point of contact for all procurement-related communication.
- Acknowledgment of all Addenda.
- A clear description of the design team, including the prime contracting entity (and its members, if applicable) and all named subconsultants and their areas of expertise (if any).
- Certify under penalty of perjury that the information provided in the proposal is true and correct.

**2. Qualifications of the Firm (10 points)**

**Instructions**

Provide the following firm information:

- Name of company, company headquarters address, and number of years in business under current company organization.
- Address of any additional company locations that will support the project.
- Brief overview of company's history, organization, and ownership.
- Number of years' experience in providing control system integration services for the water and wastewater industry.
- Provide a list at least three (3) and not more than seven (7) similar projects completed by the firm for water or wastewater utilities in the last 7 years. Include owner's name, project name, facility name, HMI software, PLC hardware, brief project description, original bid price, what change orders, what was the total cost, and why it increased. If the projects are the same as those used in Section 4 Project Experience, direct reader to reference Section 4 for details. Percentage of revenue derived from industrial control system integration services only and revenue from industrial control system integration for the last three (3) years.
- Total number of employees in the company.

- Total number of employees supporting control system design and integration services broken down by classification (e.g., project manager, design engineer, HMI application programmer, PLC application programmer, historian programmer, control system maintenance technician, etc.)
- List of firm's relevant professional engineering or contractor licenses in the State of California, industry organization certifications, and HMI/PLC application certifications.
  - Ignition "Certified Integrator" is the minimum acceptable certification.
- Description of firm's quality assurance approach.

### **Scoring Criteria**

- Respondent demonstrates firm's long-term commitment to providing high quality industrial control system design and integration services
- Respondent demonstrates overall firm resource capacity to execute similar projects
- Respondent demonstrates experience in water and wastewater industry

## **3. Qualifications of Project Team (30 points)**

### **Instructions**

Provide a project organization chart featuring the project manager and key project team members deemed important by Respondent in the execution of the SCADA HMI Replacement Project. Identify the firm affiliation and specific expertise of all proposed personnel. Provide a narrative description of the Respondent's project organization.

Provide a biographical summary of each key project team member. Respondent must include two-page resumes for each key project team member as an appendix to its Statement of Qualifications. Resumes should include the team member's location, years of experience with the firm, total years of experience, relevant project experience, and any relevant training, education, certifications, registration, and degrees. Respondent must include copies of relevant HMI software and PLC programming certifications for each individual and/or the firm as an appendix to its Statement of Qualifications. Resumes and copies of certifications are not included in the resume page count.

Provide a list of proposed Sub-Consultants with contact information and their role in the Project scope.

Prevailing wages are not required to be paid to any sub-consultant who provides labor on the project for which a prevailing wage classification has been established by the State of California Department of Industrial Relations. AVEK reserves the right to request copies of certified payrolls and any other documentation necessary to verify the payment of prevailing wages and fringe benefits from sub-consultants of any tier in accordance with the California Labor Code. Scoring Criteria

- Organization chart demonstrates clear lines of reporting and responsibility.
- Affirmation that Respondent will retain proposed key staff for the duration of the project.
- Relevant technical design and system integration experience of the project team.
- Project team members link to the projects featured in the Project Experience section and relevance of that experience to this project.

#### 4. Project Experience (30 points)

##### Instructions

Provide the following information regarding Respondent's experience delivering relevant projects of this type and size:

- Respondent must provide a detailed discussion of its qualifications and capabilities to perform work similar in nature to the services requested herein.
- Areas of focus will include:
  - Preliminary and detailed design for SCADA system replacements
  - Facilitation of collaborative workshops to develop requirements and standards
  - Experience with Inductive Automation Ignition or similar HMI software
  - Experience with Schneider Electric M340 PLCs and UnityPro / Control Expert
  - HMI screen development
  - Historian configuration and trending and reporting development
  - Developing alarm philosophy and configuration of alarming system
  - HMI to PLC communication for in-plant wireline Ethernet networks, and remote communications via serial and Ethernet radio
  - Maintaining plant operations during testing and commissioning
  - System documentation and training
- Emphasis must be placed on projects that have been completed by members of the proposed project team. Please restrict project experience listings and descriptions to the team members that are a planned part of this proposal team.
- Respondent must provide a minimum of three (3) references from different clients for engagements performed in the last five (5) years where the services provided were the same or similar in nature to the services requested herein. Respondent's reference information should include:
  - Client's name, contact person, contact person's responsibility and relationship to the project, address, and telephone number.
  - A description of the type and extent of the services provided by Respondent to the client.
  - Names of key personnel on Respondent's team that participated in named projects and their specific responsibilities
  - Completion dates (estimated, if not yet completed)
  - Total fees received (or projected)
  - Total costs of completed project.

References may be contacted by AVEK and AVEK may request that Respondents organize a site visit and meeting to discuss the Respondent's delivery of featured projects

##### Scoring Criteria

- Demonstrate the collective team's technical design experience on similar projects and experience working together on those previous projects.
- Similarity and relevance of experience and how that experience will produce successful delivery of this project.

## 5. Project Approach (15 points)

### Instructions

Describe the Respondent's overall approach to delivering the project as defined in Section 3 Scope of Work. Include a description of any standard practices, procedures, and templates that would be used to improve efficiency and effectiveness. Recommend other activities not included in the scope of work that would provide additional value or potential cost savings. Describe the Respondent's approach to maintaining continuous operation of facilities. Describe the Respondent's approach to maintaining project schedule.

### Scoring Criteria

Thoroughness and innovation of the Respondent's approach to the scope of work, including ability to provide cost savings, time savings, and/or reduced risk for AVEK

## 6. Rate Schedule (15 points)

### Instructions

SI's rate schedule must be in effect upon execution of agreement. The SI must include a rate schedule for Agreement years 1, 2, & 3 in its proposal and year 2 and 3 annual rate escalation must not exceed 3%.

These rate schedules will be incorporated into the agreement documents and remain in effect for the term of the agreement. The rate schedules included in the Respondent's proposal must be used as the basis for fee estimates included in each task order proposal.

These rates must be effective at the commencement of the agreement term and will renew annually on the Agreement anniversary, regardless of the fiscal year or salary increase schedule used by the Respondent.

- I. Include the rate schedule by billing classification proposed to be used for this project. While the specific scope of work for each task order will vary, the hourly rates included in the Master Agreement will remain in effect for the term of the Agreement.
- II. Describe and list all expected fees, other direct costs (ODCs), sub-consultant costs, markups, and other firm-specific fees. Direct expenses must have 0% markup and markups for sub-consultants must not exceed 5 percent.
- III. AVEK will not provide payment for travel, lodging, meals or subsistence unless requested and approved by the Project Manager in advance of the incurred costs. No markup will be provided on pre-approved travel, lodging, meals or subsistence costs. Mileage reimbursement will be based on the standard mileage rates published by the Internal Revenue Service (IRS) effective at the time when the mileage costs are incurred.
- IV. Terms and conditions from the Respondent's sub-consultants must not be incorporated into the Respondent's rate schedule and fee proposal. AVEK will not honor the terms and conditions of sub-consultants and AVEK's Agreement with the successful Respondent must govern in all cases.

## **Scoring Criteria**

- Reasonableness of hourly rate schedule for proposed scope of work.
- Reasonableness of expected price increases over the course of the project.

## ***Section 5. Limitations***

### **1. Restricted Parties**

AVEK is not restricting any current design or integration firms working on AVEK projects or AVEK's Owner's Representative for the SCADA Replacement Project. As such, any organization is eligible to propose on this RFQ, but is explicitly prohibited from participating in the evaluation or selection process in any manner. Black & Veatch performed the selection process for the HMI software and generated the SI selection criteria. B&V is excluded from bidding to become the SI for this project. A B&V representative may be a participant on the selection committee.

### **2. Proprietary and Confidential Information**

All proposals submitted in response to this RFQ become property of AVEK and will be kept confidential until award of a contract. Thereafter, except for financial statements, proposals are subject to public inspection and disclosure under the California Public Records Act. (Government Code Section 6250 et seq.) Therefore, unless the information is exempt from disclosure by law, the content of any proposal, or related submission, between AVEK and any Respondent regarding the procurement, must be available to the public.

If a Respondent believes any portion of its proposal or related communication contains trade secrets or other proprietary information that the Respondent believes would cause substantial injury to the Respondent's competitive position if disclosed, the Respondent may request that AVEK withhold from disclosure the proprietary information by marking each page containing such proprietary information as confidential. By submitting a proposal with portions marked "Confidential", a Respondent represents it has determined such portions qualify for exemption from disclosure under the California Public Records Act. A Respondent may not designate its entire proposal as confidential. AVEK will not honor such designations and will disclose submittals so designated to the public. The foregoing statement does not impact the fact that AVEK will treat proposals as confidential during the RFQ evaluation and selection process.

If a Respondent requests that AVEK withhold from disclosure information identified as confidential, and AVEK complies with the Respondent's request, Respondent must assume all responsibility for any challenges resulting from the non-disclosure, must indemnify and hold harmless AVEK from and against all damages (including but not limited to attorneys' fees that may be awarded to the party requesting the Respondent information), and pay any and all costs and expenses related to the withholding of Respondent information. Respondent must not make a claim, sue, or maintain any legal action against AVEK or its directors, officers, employees, or agents concerning the withholding from disclosure of Respondent information. If Respondent does not request that AVEK withhold from disclosure information identified as confidential, AVEK must have no obligation to

withhold the information from disclosure and may release the information sought without any liability to AVEK.

### **3. Protest Procedures**

Appeals may be based upon restrictive requirements or alleged improprieties in the RFQ that are apparent or reasonably should have been discovered prior to AVEK's receipt of proposals. Such appeals must be filed in writing with the Owner's Contact, at least fourteen (14) calendar days prior to AVEK's receipt of proposals. The appeal must clearly specify in writing the grounds and evidence on which the appeal is based. The appeal will be decided by AVEK.

Appeals may also be based upon alleged improprieties that are not apparent in the RFQ or that could not reasonably have been discovered prior to AVEK's receipt of the proposals. Such appeals are limited to procedural errors in the RFQ process. The appeal must clearly specify in writing the grounds and evidence on which the appeal is based. Such appeals must be submitted in writing to AVEK within three (3) working days from receipt of the short-list announcement. To prevail on an appeal based on alleged improprieties not apparent in the RFQ, a Respondent must demonstrate that an error was prejudicial to the Respondent's effort to become short-listed for participation in the Project. In other words, to prevail, the Respondent must demonstrate that but for AVEK's error, the Respondent would have been short-listed.

AVEK will not entertain appeals regarding, or reconsider, substantive scores or determinations made in the evaluation process.

AVEK will respond to an appeal in writing within seven (7) calendar days of receipt, and AVEK's determination must be final.

The appeal procedures summarized in this Section comprise the sole appeal procedures for this RFQ. A Respondent's failure to comply with the procedures set forth herein is grounds for rejection of the appeal.

### **4. Obligation to Keep Project Team Intact**

Respondents are advised that all firms and key project team members identified in the proposal must remain on the Project Team for the duration of the procurement process and execution of the Project. If extraordinary circumstances require a change, it must be submitted in writing to AVEK, which at its sole discretion, will determine whether to authorize a change, recognizing that certain circumstances (such as termination of employment) may occur that are beyond the Respondent's control. Unauthorized changes to the Project Team at any time during the procurement process may result in elimination of the Respondent from further consideration.

### **5. Agency Rights**

In connection with this procurement, AVEK reserves to itself all rights (which rights must be exercisable by AVEK in its sole discretion) available to it under the Public Contract Code and applicable law, including without limitation, the following, with or without cause and with or without notice:

1. Cancel, modify, or withdraw the RFQ without incurring cost obligations or liabilities.
2. Issue a new RFQ or modify dates set or projected in the RFQ.



3. Accept or reject any or all proposals or information submitted related to a proposal.
4. Issue Addenda, supplements, and modifications to the RFQ.
5. Modify the procurement process with appropriate notice to Respondents as applicable.
6. Solicit Best and Final Offers (BAFO) from all Proposers short-listed.
7. Appoint an Evaluation Committee and evaluation teams to review proposals and consider the advice and assistance of non-AVEK experts in evaluations.
8. Approve or disapprove subcontractors, substitutions of subcontractors, changes in project team members submitted proposal.
9. Seek or obtain data from any source that has the potential to improve the understanding and evaluation of the proposals.
10. Revise and modify, at any time before the proposal deadline, the factors it will consider in evaluating proposals and to otherwise revise or expand its evaluation methodology.
11. Conduct interviews and/or discussions with Respondents.
12. Waive any weaknesses, informalities, irregularities, or omissions, permit corrections, and seek and receive clarifications.
13. Disqualify any Respondent that changes its organization or other information included in the proposal without AVEK written approval.
14. Hold the proposals under consideration for the maximum duration of the proposal validity period specified in the RFQ or longer if there is a mutual agreement.
15. Award the Contract, with or without negotiations, to the Respondent determined by AVEK to have offered the best value to AVEK.
16. Disclose information contained in the Proposals to the public as described in the RFQ.
17. Not issue a Notice to Proceed after execution of the Contract if specific contractual requirements are not met by the Consultant.
18. Terminate evaluations of proposals received at any time.
19. Require confirmation of information, additional information concerning a proposal, or require additional evidence of qualifications to perform the work described in this RFQ.
20. Contact and ask questions of contact persons.
21. Short-list, hold discussions and/or request BAFOs.
22. Approve or disapprove changes to the Respondent Teams.
23. Add or delete Contract work.
24. Negotiate with one or more Respondent.
25. Suspend and/or terminate negotiations, engage in negotiations with other than the highest ranked Respondent if negotiations with the highest ranked Respondent prove to be unsuccessful.
26. Retain ownership of all proposals and materials submitted in hard-copy and/or electronic format.
27. Exercise any other right reserved or afforded to AVEK under the RFQ.
28. Reject or refuse to consider a submitted proposal if such refusal or rejection is based upon listed circumstances:
  - a. Submittal by the Respondent of more than one proposal for the same work under the Respondent's own name or under a different name;
  - b. Participation by a prime Respondent in more than one proposal in response to the RFQ;

- c. Evidence of collusion between a prospective Respondent, any Principal Participant or Lead Designer and other Respondents, Principal Participants or Lead Designers in the preparation of a proposal, or any pricing for the Project;
- d. Failure to obtain required insurance for this Project;
- e. Respondent's refusal to further negotiate pricing, or Contract terms and conditions, in advance of execution of the Contract;
- f. Evidence of Respondent or Principal Participant noncompliance with any federal, state or local laws or regulations; or
- g. By virtue of AVEK exercising any other right reserved or afforded to AVEK under the RFQ or under the Public Contract Code and applicable law.

## **6. Disclaimers**

In issuing this RFQ and undertaking the procurement process specified herein, AVEK disclaims the following:

- a. Any liability or commitment to provide other revenues to assist in carrying out any and all phases of the Contract.
- b. Any obligation, responsibility, or liability, fiscal or otherwise, to reimburse a Respondent for all or part of the costs incurred or allegedly incurred by parties considering a response to and/or in responding to the RFQ.
- c. Any obligation to Award the Contract to the Respondent submitting the lowest priced proposal.
- d. Any obligation to Award the Contract.
- e. Any contractual obligation or liability for, any obligations with respect to the Project until such time (if at all) as a contract, in form and substance satisfactory to AVEK, has been authorized and executed.

The Respondent acknowledges that, by submitting a proposal in response to the RFQ, it accepts these disclaimers and waives any right whatsoever to legally challenge or protest any of AVEK's actions that exercise these disclaimers.

## Attachment A. RFQ Distribution List

The following list of vendors was found on the Inductive Automation website of certified vendors. The certification levels from highest to lowest are: Premier, Gold Certified, Certified

Certification Level	Company Name	Phone Number	Company Website
GOLD CERTIFIED	Agilitech Group	661-381-7800	<a href="http://www.agilitechgroup.com">www.agilitechgroup.com</a> ies-is-now-agilitech/
PREMIER	Automation Group	559-250-2386	<a href="http://www.automationgroup.com">www.automationgroup.com</a>
GOLD CERTIFIED	APCO Inc.	801-519-9500	<a href="http://www.apco-inc.com">www.apco-inc.com</a>
GOLD CERTIFIED	CDM Constructors Inc.	Not Provided	<a href="http://www.cdmsmith">www.cdmsmith</a>
CERTIFIED	Control Systems Engineering, Inc.	951-696-3689	<a href="http://www.ControlSystemsEng.com">www.ControlSystemsEng.com</a>
PREMIER	Corso Systems	317-446-9689	<a href="http://corsosystems.com">corsosystems.com</a>
CERTIFIED	ICAD Automation	559-498-0290	<a href="http://www.icadautomation.com">www.icadautomation.com</a>
CERTIFIED	ICS - Instrument Control Services	805-642-1999	<a href="http://www.instrumentcontrol.com">www.instrumentcontrol.com</a>
CERTIFIED	ICS - Instrument Control Services	805-642-1999	<a href="http://www.instrumentcontrol.com">www.instrumentcontrol.com</a>
CERTIFIED	Intelliflux Controls	949-705-4562	<a href="http://www.ifctrl.com">www.ifctrl.com</a>
GOLD CERTIFIED	JAR Automation	909-758-1154	<a href="http://jarautomation.io">jarautomation.io</a>
CERTIFIED	MacroAutomatics	213-392-3922	<a href="http://www.macroautomatics.com">www.macroautomatics.com</a>
CERTIFIED	MPE Services, Inc.	909-447-9413	<a href="http://www.mpeservicesinc.com">www.mpeservicesinc.com</a>
CERTIFIED	Northern Digital Inc	661-322-6044	<a href="http://www.ndi.us">www.ndi.us</a>
CERTIFIED	PixelDrop, LLC	562 999-4344	<a href="http://www.pixeldrop.com">www.pixeldrop.com</a>
CERTIFIED	Prime Systems Industrial Automation Inc.	951-656-7139	<a href="http://www.psia.biz">www.psia.biz</a>
CERTIFIED	Pro3 Automation LLC	661-397-4842	<a href="http://www.pro3auto.com">www.pro3auto.com</a>
CERTIFIED	RKI Engineering LLC	818-317-3003	None Stated
PREMIER	SCS Engineers	909-562-2824	<a href="http://www.scsengineers.com">www.scsengineers.com</a>
PREMIER	Tamaki Control Ltd.	575-223-8302	<a href="http://www.tamakicontrol.com">www.tamakicontrol.com</a>
GOLD CERTIFIED	TCNT LLC	760-683-8730	<a href="http://www.Tactical-Controls.com">www.Tactical-Controls.com</a>
PREMIER	Trimax Systems Inc	714-255-8590	<a href="http://www.trimaxsystems.com">www.trimaxsystems.com</a>
PREMIER	Vertech	949-596-7986	<a href="http://www.verttech.com">www.verttech.com</a>
PREMIER	Wunderlich-Malec Engineering	818-880-8038	<a href="http://wmeng.com">wmeng.com</a>



**RECOMMENDED BOARD ORDER 8(c-1)**

To the Board of Directors

**FOR BOARD ACTION**

**AV WATERMASTER MEETING AGENDA OF 05/24/23**

The Board of Directors adopted the following board order on May 23,  
2023:

To review and provide guidance for AVEK's Watermaster  
Representative for AV Watermaster Meeting agenda of 05/24/23.

Motion by \_\_\_\_\_

Second by \_\_\_\_\_

Carried \_\_\_\_\_

**BOARD ORDER 8(c-1)**

05-23-23



**Date:** May 23, 2023  
**To:** Board of Directors  
**From:** Matthew Knudson, General Manager *mk*  
Angel Fitzpatrick, Administrative Technician

**Agenda Item: 8(c-1)**

---

**Subject: Review and Provide Guidance for AVEK’s Watermaster Representative for the AV Watermaster Meeting Agenda for 05/24/23**

---

**Recommendation:**

Staff requests that the Board review and provide guidance for AVEK’s Representative on the following items as shown on the AV Watermaster Board meeting agenda of May 24, 2023:

**Background:**

**Item 9(a) – Consideration and Possible Action to Approve Amendment to the Rules and Regulations placing limitations on New Production**

The Watermaster Board expressed concern that New Production applicants should be made aware that the right to New Production is not guaranteed and may be reduced or even eliminated in the event there is insufficient Imported Water to replace all New Production. Although not required for the Watermaster to enforce such a limitation, General Counsel recommends adding the following new Section 14.n.viii to the Rules and Regulations:

*“vii. Contingent Upon Availability of Imported Water. Notwithstanding anything to the contrary in these Rules and Regulations or the Watermaster’s approval of the New Production application, in the event there is insufficient Imported Water available to replace some or all of the Party’s New Production, the Watermaster may, in the Watermaster’s sole discretion, amend or revoke its approval of the Party’s New Production application in order to ensure that all New Production is replaced with Imported Water, consistent with the intent of the Judgment and to protect the health of the Basin.”*

**Item 9(b) – Consideration and Possible Action to Approve Amendment to the Rules and Regulations for repayment of Delinquent Replacement Water Assessments (RWA’s)**

Due to the time involved in collecting delinquent RWA’s the Watermaster may not be able to purchase all the Replacement Water necessary to replace the Groundwater produced by delinquent Parties. To ratify this problem moving forward the Watermaster General Counsel recommends adding the following new Section 11.g to the Rules and Regulations:

*“g. Delinquent Replacement Water Assessments shall be due and payable at the Replacement Water Assessment Rate in effect on the date the Watermaster receives such delinquent payment, notwithstanding a lower Replacement Water Assessment rate stated in the original invoice.”*

**Item 10(b) – Consideration and Possible Action to Approve Amendment No. 2 to the Consulting Services Agreement to Complete a Rate Assessment, Outreach, and Develop Fiscal Policy for 2024**

Hallmark Group is requesting \$18,450 in additional funds to provide consulting services outside its current scope of work to complete a rate assessment and outreach and to develop a fiscal policy for 2024 for the Watermaster.

**Consideration and Possible Action to Approve Applications**

The Watermaster Board will consider the following applications:

**Transfer Applications**

a.	High Desert Dairy to Craig Van Dam	500 AFY Permanent Transfer
b.	Steven Godde to West Valley County Water	50 AF Temporary Transfer

**New Production Applications**

a.	Los Angeles Department of Water and Power	1 AFY
----	-------------------------------------------	-------

**Use of Production Right at a New Point of Extraction Applications**

a.	Gene Wheeler Farms	500 AF in 2023 / APN 3302-024-033
----	--------------------	-----------------------------------

**Fiscal Impact:**

No fiscal impact

**Strategic Plan Element:**

N/A

**Attachments:**

05/24/23 AV Watermaster Board Agenda

**Antelope Valley Watermaster Board  
Meeting Agenda  
Wednesday, May 24, 2023 – 10:00 a.m.  
Location: Antelope Valley – East Kern Water Agency  
6450 West Avenue N, Palmdale, CA 93551**

*or*

**Website:** <https://zoom.us/j/687127281> **Teleconference:** (669) 900-6833 **Access Code:** 687 127 281

*\*\*\*This meeting may be recorded\*\*\**

**1) Call to Order**

**2) Roll Call**

**BOARD OF DIRECTORS**

- Robert Parris, AVEK Representative – Chairperson
- Kathy MacLaren, Public Water Supplier Representative – Vice-Chairperson
- Russ Bryden, Los Angeles County Waterworks District 40 Representative
- Brandon Calandri, Landowner Representative
- Derek Yurosek, Landowner Representative
- Matthew Knudson, AVEK Representative Alternate
- Angelica Martin, Landowner Representative Alternate
- Adrienne Lewis Reca, Landowner Representative Alternate
- Barbara Hogan, Public Water Supplier Representative Alternate
- Sami Kabar, Los Angeles County Waterworks District 40 Representative Alternate

- Jim Beck, Hallmark Group – Watermaster Administrator
- Jessica Alwan, Hallmark Group – Watermaster Administrator
- Joshua Montoya, Hallmark Group – Watermaster Administrator
- Phyllis Stanin, Todd Groundwater – Watermaster Engineer
- Arden Wells, Todd Groundwater – Watermaster Engineer
- Craig Parton, Price, Postel & Parma LLP – General Counsel
- Cameron Goodman, Price, Postel & Parma LLP – General Counsel

**3) Adoption of the Agenda** *(Note: At the discretion of the Board, all items appearing on this agenda, whether or not expressly listed for action, may be deliberated and may be subject to action by the Board.)*

**4) Public comments for non-agenda items** *(This portion of the agenda allows an individual the opportunity to address the Board on any item regarding Watermaster business that is NOT ON THE AGENDA. Without acting or entering a dialogue with the public, Board members may ask clarifying questions about topics posed by the public. Your matter may be referred to the administrator and/or advisory committee.)*

**5) Consent Agenda** *(Staff Report: Administrator)*

Item	Description	Page
a.	Financial Report and Payment of bills through April 30, 2023	4
b.	Minutes of April 26, 2023, Regular Meeting	21

**6) Advisory Committee Report** *(Advisory Committee Chair Chaisson)*

Item	Description	Page
a.	Advisory Committee Written Report	27

**7) Administrative Committee Report** *(Staff Report: Administrator)*

Item Description



a.	Administrative Committee Report
----	---------------------------------

**8) Public Hearing to consider Amendment to the Rules and Regulations Placing Limitation on New Production and for Repayment of Delinquent RWA's** *(Staff Report: General Counsel)*

Item	Description	Page
a.	Opening of the Public Hearing	33
	(i) Present Amendments to Rules and Regulations	
	(ii) Public Comments	
b.	Closing of Public Hearing	

**9) Consideration and Possible Action to Approve Amendment to the Rules and Regulations** *(Staff Report: General Counsel)*

Item	Description	Page
a.	R-23-35 Amendment to the Rules and Regulations Placing Limitations on New Production	33
b.	R-23-36 Amendment to the Rules and Regulations for Repayment of Delinquent RWA's	39

**10) Consideration and Possible Action on Hallmark Group's Amendment No. 2** *(Staff Report: Administrative Staff)*

Item	Description	Page
a.	Update on Cash Flow and FDIC Insurance	43
b.	Amendment No. 2 to the Consulting Services Agreement to Complete a Rate Assessment, Outreach, and Develop Fiscal Policy for 2024 Fee Schedule	

**11) Consideration and Possible Action on Annual Audit** *(Staff Report: Administrative Staff)*

Item	Description	Page
a.	Update on Annual Audit	51
b.	Approval of Hallmark Amendment for Financial Statement Discrepancy Resolution	54

**12) Consideration and Possible Action on Transfer application** *(Staff Report: Engineering)*

Item	Resolution No.	Description	Page
a.	R-23-27	High Desert Dairy to Craig Van Dam	59
b.	R-23-38	Steven and Denise Godde to West Valley County Water	79

**13) Consideration and Possible Action on New Production application** *(Staff Report: Engineer)*

Item	Resolution No.	Description	Page
a.	R-23-39	LADWP (I AF)	99

**14) Consideration and Possible Action on New Point of Extraction** *(Staff Report: Engineering)*

Item	Resolution No.	Description	Page
a.	R-23-40	Gene Wheeler Farms	103

**15) Administrator’s Report**

Item	Description	Page
a.	Update on Administration Activities	114

**16) Watermaster Engineer’s Report**

Item	Description	Page
a.	Summary of New Production and Qualified Small Pumpers	115
b.	Model Update	116
c.	Annual Report Update	

**17) General Counsel’s Report**

Item	Description	Page
a.	Update on Court Proceedings	117
b.	Update on Watermaster Authority to Gather Delinquent Annual Reports	118

**18) Board Members Request for Future Agenda Items**

**19) Closed Session, Conference with Legal Counsel General Counsel’s Report**

Item	Description
a.	CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION [Government Code Section 54956.9(d)(1)] Watermaster Motion against Zamrzla Parties
b.	CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION [Government Code Section 54956.9(d)(1)] Watermaster Motion against Rancho Sierra Properties, LLC
c.	CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION [Government Code Section 54956.9(d)(1)] Watermaster Motion against Antelope Valley Resource Conservation District
d.	CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION Significant exposure to litigation pursuant to Government Code Section 54956.9(d)(2): Gary Van Dam.
e.	CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION Significant exposure to litigation pursuant to Government Code Section 54956.9(d)(2): Barrel Springs Properties LLC.
f.	CONFERENCE WITH LEGAL COUNSEL--ANTICIPATED LITIGATION Initiation of litigation pursuant to Government Code Section 54956.9(d)(4): one potential case

**20) Closed Session Report**

**21) Adjournment – Next Meeting June 28, 2023**

**RECOMMENDED BOARD ORDER 8(d-1)**

To the Board of Directors

**FOR BOARD ACTION**

**RESOLUTION NO. R-23-17**  
**HONORING SHELLEY SORSABAL FOR HER PUBLIC SERVICE AS**  
**DIRECTOR OF DIVISION 1 FOR AVEK WATER AGENCY**

The Board of Directors adopted the following board order on May 23,  
2023:

Adopt Resolution No. R-23-17 honoring Shelley Sorsabal for her  
public service as director of Division 1 for the Antelope Valley-East Kern  
Water Agency.

Motion by \_\_\_\_\_

Second by \_\_\_\_\_

Carried \_\_\_\_\_

**BOARD ORDER 8(d-1)**

05-23-23

**RESOLUTION NO. R-23-17**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF ANTELOPE VALLEY - EAST KERN (AVEK) WATER AGENCY HONORING SHELLEY SORSABAL FOR HER PUBLIC SERVICE AS DIRECTOR OF DIVISION 1 TO THE AGENCY AND BOARD OF DIRECTORS**

**WHEREAS**, Antelope Valley-East Kern Water Agency (“AVEK”) is a governmental entity of the State of California formed by special act of the State Legislature for the provision of specifically authorized services within AVEK’s boundaries; and

**WHEREAS, SHELLEY SORSABAL** was elected to the Board of Directors in November of 2014 as Director of Division 1 at AVEK Water Agency; and

**WHEREAS, SHELLEY SORSABAL** began her first term in January of 2015 on the Board of Directors, which began her public service at AVEK Water Agency; and

**WHEREAS, SHELLEY SORSABAL** served as Director of Division 1 for the Agency from 2015 through the April 24, 2023; including serving on the Board as President for 2 years and Vice President for 2 years; and

**WHEREAS, SHELLEY SORSABAL** was professionally involved with major and significant developments during her tenure including the High Desert Water Bank expansion, Westside water banking, AVEK Corporate Headquarters Expansion, pursuing grant funds; and

**WHEREAS, SHELLEY SORSABAL** proved to be a leader and mentor, being the second female to serve on the Board in 56 years; and

**NOW, THEREFORE, BE IT RESOLVED** that the Board of Directors of Antelope Valley-East Kern Water Agency does hereby thank **SHELLEY SORSABAL** for more than 8 years of faithful public service to the Board, Agency employees, taxpayers, water users, and residents of our community; and

**BE IT FURTHER RESOLVED** that said Board of Directors wishes **SHELLEY SORSABAL** continued success in her new endeavors, to be effective April 24, 2023.

**ADOPTED** this 23rd day of May, 2023.

\_\_\_\_\_  
President of the Board of Directors of  
Antelope Valley-East Kern Water Agency

APPROVED AS TO FORM:

ATTEST:

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

\_\_\_\_\_  
Attorney